



PULSE

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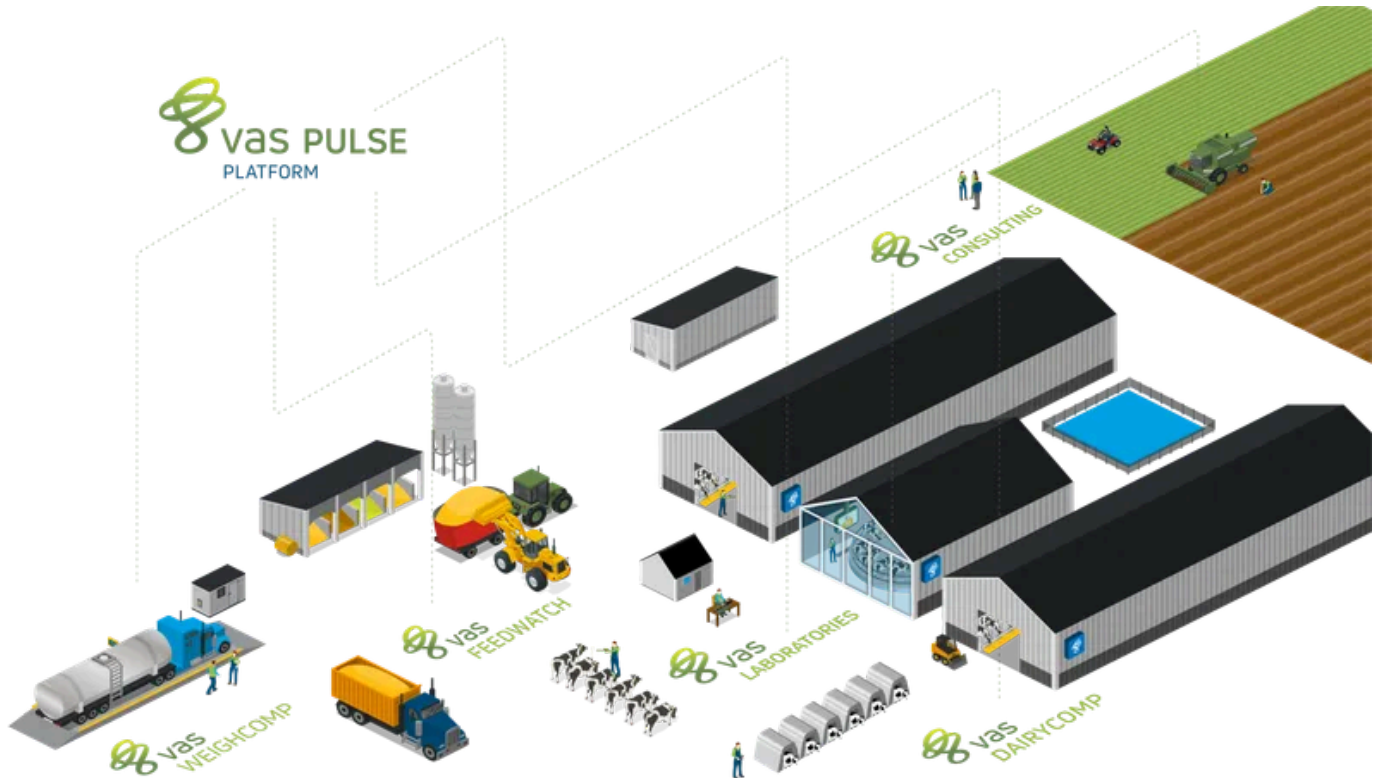
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1. PULSE Overview

✓ [Click here to find a guided tour of PULSE!](#)

VAS is transforming the industry's most trusted name in data management and intelligence with the all-new PULSE – bringing together the three core pillars of the dairy (herd, feed, and production) into a single interface/platform.



Thousands of dairies worldwide use VAS software products for day-to-day management and monitoring of their dairies. Now you can access your data when you need it most – from any device, anyplace, anytime. PULSE mobile app will allow you access to your valuable data needed to make important decisions from your phone or tablet. [Install the Mobile App](#) and see how herd, feed, and parlor management can be faster and easier than ever before:

- View your data from anywhere, any device, at anytime.
- Invite access to key members of management team (Vets/Consultants/Nutritionists).
- Unlimited users.
- Unlimited devices.
- View individual animal data for current lactations.
- Easily see if there is a milk or meat withhold on an animal.
- Scan animals with Bluetooth® connected wands.
- Create your own custom item cards.
- Visibly see if equipment interfaces are functioning properly.
- Switch between multiple herds with the tap of a finger.
- Automatically receive new analytical tools without having to update.
- Better integrate and share data with production partners.

With your VAS app, you can access data and know exactly what is happening on your dairy no matter where you are, from any device, anywhere, anytime!

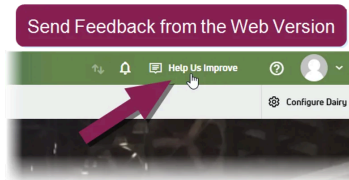
See the following sections to learn more:

- [DairyComp Unlimited \(DCU\)](#)
- [MyDC](#)
- [Using PULSE](#)
- [Common Tasks](#)
- [VAS Platform Mobile App](#)
- [DC on Mobile](#)
- [Manage Your User Account](#)
- [Frequently Asked Questions \(FAQs\)](#)

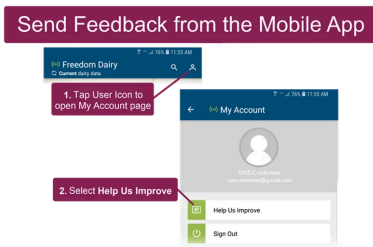
1.1. Help Us Improve!

Whether you're new to PULSE or have been using it for a while, we'd like to know what's working well for you and what we can do to improve your experience.

If you're using the web version, you can click the **Help Us Improve** button in the top navigation bar.



In mobile app (v1): Tap the  icon at the top right of the screen to open the [My Account](#) page, and then tap **Help Us Improve**.



In mobile app(v2): Tap the **Help Us Improve**  button at the top right of the screen.

When you submit your feedback, your comments are sent directly to PULSE team, who will review them for future improvements to the product.

NOTE: Your device must have an active data/internet connection to send your feedback. If your device is disconnected at the time you submit your feedback, PULSE will save it and send it to VAS once your [connection is restored](#).

1.2. Contact Us

U.S. Customers

Need more help? Use one of the methods below to contact VAS Support!

Live Chat	Chat directly with a product support team member directly in PULSE. At the bottom right corner of any PULSE page, click the Chat button  to start a new chat.
Text Message	Text 559-686-9496. <i>Standard text messaging rates apply.</i>
Phone	Call 559-686-9496 or the toll-free phone number 888-225-6753.
Email	Email support@vas.com .
Web	For the most up-to-date VAS Support contact information, visit the VAS Support page.

International Customers

- ✓ **Argentina**
- ✓ **Brazil**
- ✓ **Mexico**
- ✓ **Other International Customers**

1.3. Glossary

#

- **305ME**
305 day mature herd equivalent

A

- **ABDAT**
Abortion date
- **ABT?**
ABT? is the code for "Abort?" Often if a dairy sees a pregnant animal showing signs of heat they may breed her. When this breeding is entered in DairyComp the animal remains pregnant, but this flag is set so that the veterinarian can determine if she is still pregnant to the original breeding or if she has aborted and should be updated to another "bred status."
- **acidosis**
Sub-acute ruminal acidosis (SARA) is a digestive disorder caused by low rumen pH levels (below 5.6) and diets high in starch and low in fiber. Dairy cows experiencing SARA often do not exhibit any obvious symptoms, though some may have mild diarrhea, reduced appetite, foamy feces, and reduced rumination (cud-chewing).
- **ADDAT**
Abortion Determination Date
- **AF**
As fed
- **AGE**
Age in months
- **AI**
artificial insemination
- **alter**
Command entered to "alter" content or settings in DairyComp. Example: ALTER\7
- **ARC**
Archive
- **ARDAT**
Archive date

B

- **BDAT**
Birth date
 - **BFDAT**
Beef withdrawal date
-

- **BLDAT**

Bullpen entry date

- **blood serum**

Blood serum testing in dairy cattle is used to diagnose disease or for pregnancy testing.

- **BNAME**

Barn name

- **bred code**

Bred Code is short for "Breeding Code."

- **Brix value**

Brix value is based on a system that uses a refractometer to measure colostral antibodies. PULSE accepts values between 14 and 40. Colostrum with a Brix value above 22 is considered optimal. When a Brix value is lower than 22, dairies may choose to supplement with colostrum replacer.

C

- **CALF1**

Recent identified offspring

- **CALF2**

Previous identified offspring

- **CALF3**

Oldest identified offspring

- **CAR**

Condition Affecting Record. CAR codes are used by DHIA to determine the status of a cow's record. This includes reason for disposal as well as reasons for the record not to be used for sire proofs. The DairyComp CAR table includes the 9 standard DHIA codes and allows users to add 7 additional codes to the table.

- **Care Package**

VAS uses the term "Care Package" to describe the updates that the Platform "packages up" and sends to the mobile app. The Care Package is used to keep the mobile app updated with the most recent on-premise data received by the Platform.

- **CBRD**

Cattle breed

- **CDAT**

Conception date

- **CDCB**

Council of Dairy Cattle Breeding is a non-profit organization that calculates and manages genetic evaluations and genomic predictions for dairy cattle.

- **CIDR**

Controlled internal drug release

- **CLIV**

Calf livability

- **CNTL**

Computer number

- **COD1**
Wildcard 1 byte item (0-255)
- **COD2**
Wildcard 2 byte item (0-32000)
- **CODA**
Wildcard 1 byte item any character
- **colostrum**
Colostrum, the first milk produced by a cow after birth, is high in nutrients and antibodies that provide calves initial protection against disease.
- **CONF**
Confirmation
- **cost/ton**
As-fed cost per ton
- **cost/unit**
As-fed cost per unit
- **culture**
Culture events are typically used to identify the source of mastitis and high SCC testday results.
- **CVACC**
Calf vaccination
- **CWVAL**
Cow value
- **cystic**
Cystic ovaries are a reproductive disorder caused by an anovulatory condition in dairy cattle. Ovarian cysts are characterized by large (1 in./2.5 cm) follicles in the animal's ovaries that persist for more than 10 days. Cystic ovaries may lead to infertility or other reproductive issues.

D

- **DBRD**
Dam breed
- **DairyComp**
DairyComp - VAS Dairy Management Software
- **DCC**
Days carrying calf/pregnant
- **DCCP**
Days carried calf at pregnancy check
- **DDAT**
Dry date
- **DDRY**
Days dry
- **dehorn**
Dehorning is the removal of an animal's horn by methods that destroy or remove the keratin-producing cells and structures at the

base of the horn.

- **deworm**

Deworming involves administering chemical solutions (anthelmintics) to protect cattle from various parasites including worms, fluke, cattle ticks, lice, and flies.

- **DHI**

Dairy Herd Improvement

- **DHIA**

The Dairy Herd Improvement Association (DHIA) is a national association that helps dairy producers create and manage records and data about their cows for use in making management decisions. See <http://www.dhia.org/> for more information.

- **diarrhea**

Diarrhea, or scours, occurs when intestinal fluids are not absorbed appropriately in the intestines. Usually these fluids are mostly reabsorbed and only a small amount is passed in the feces. Anything that affects the intestines' ability to absorb fluid may result in diarrhea. Treatment options vary based on the cause of the diarrhea.

- **DID**

Dam identifier

- **DIM**

Days in milk

- **displaced abomasum**

Displaced abomasum in cattle occurs when the abomasum, also known as the true stomach, which typically resides on the floor of the abdomen, fills with gas and rises to the top of the abdomen, where it is said to be "displaced". Symptoms may include reduced appetite, lower milk yield, reduced rumination, and a distended abdomen.

- **DM%**

Dry Matter Percentage

- **DM/HD**

Dry Matter per Head

- **DNB**

Do Not Breed

- **DNL**

Standard file created by a dairy records processing center (DRPC) that includes the latest status information for each animal in the herd.

- **DOPN**

Days open

- **DREG**

Dam USDA or REG number

- **DRPC**

Dairy Records Processing Center

- **dry matter**

The dry weight of an ingredient with no moisture.

- **DSLH**

Days since last heat

- **DUE**

Due to freshen

E

- **EAGE**
Embryo Age
- **EASE**
Calving ease
- **EBRD**
Embryo Breed
- **EC**
Event code
- **EDAT**
Enrollment date
- **EDAY**
Event day
- **EID**
15-digit electronic ID number associated with the animal eartag
- **embryo flush**
Embryos are harvested by being flushed out of a superovulated cow that has already been bred.
- **ET**
Embryo Transfer
- **ETDAM**
Embryo transfer dam

F

- **FCM**
Current fat corrected milk
- **FDAT**
Fresh date
- **freemartin**
A female that is born as a twin or triplet with a bull and may be sterile as a result of exposure to hormones produced by the male in utero.
- **FS**
Feed Saved (genomic trait)
- **FW**
FeedWatch

G

- **GMT**
Greenwich Mean Time, also known as Coordinated Universal Time (UTC)

H

- **HDAT**
Heat date
- **Health Index**
Score based on animal age and cost of events to date. The higher the index value, the more likely the animal should be sold.
- **Health Index Threshold**
Sets the lower limit for index values to include for Health Index Analysis. Animals with an index above this value are included.
- **HINT**
Heat interval
- **HLV**
Heifer Livability (genomic trait)
- **HPDAT**
Hospital date

I

- **ICAR**
International Committee for Animal Recording (ICAR) is a global organization focused on the standardization of animal identification, recording, genetic evaluation, and data management.
- **ID**
Identifier
- **INT**
The abbreviation INT has several meanings. Depending on the context within this online help, it means either Interval or Internal.
- **IOFC**
Income Over Feed Cost
- **ISO**
International Organization for Standardization, a global organization that promotes commercial and industrial standards.
- **IVF**
In-Vitro Fertilization. In relation to embryo transfers, IVF occurs when oocytes (eggs) are collected via OPU (ovum pick up), and then in a lab, semen is added to create embryos.

J

- **Johnes**
Johnes is a contagious, chronic, and incurable infection that affects primarily the small intestine of dairy cattle and other ruminants.
 - **JPI**
Jersey Performance Index
 - **JUI**
Jersey Udder Index
-

K

- **ketosis**

Ketosis is a common ailment that usually occurs in early lactation, when the energy demands of milk production are very high and the cow metabolizes fat stores for energy. Symptoms of ketosis may include reduced milk yield, weight loss, reduced appetite, acetone smell of breath and/or milk, and fever.

- **KPI**

Key Performance Indicator

- **KPIs**

Key Performance Indicators

L

- **LACT**

Lactation number

- **lame**

Lameness includes any abnormality which causes an animal to change the way it walks, and can be caused by a range of foot and leg conditions, including hoof ailments, hock damage, bruising, sores, or cuts.

- **LSIR**

Last service sire

- **LTDAT**

Last treatment date

M

- **mastitis**

Mastitis is the persistent, inflammatory reaction of the udder tissue due to physical trauma or infection. Symptoms of mastitis include udder swelling, heat, hardness, redness, or pain. The milk may have a watery appearance, flakes, clots, or pus.

- **median**

The value separating the higher half from the lower half of a data set.

- **MEFAC**

Mature equivalent factor

- **metritis**

Metritis is inflammation of the wall of the uterus, and usually occurs within days of calving. Symptoms of metritis are an enlarged uterus and a foul-smelling uterine discharge.

- **milk fever**

Milk fever is a disease characterized by reduced blood calcium levels. It occurs in early lactation, when demand for calcium for colostrum and milk production exceeds the cow's ability to mobilize calcium. "Fever" is a misnomer, as body temperature during the disease is generally not elevated. Milk fever symptoms include tremor in the muscles of the head and limbs until falling to a "sitting" position. Once down, cows may have a dry muzzle, staring eyes, cold legs and ears, constipation, and drowsiness.

- **mixer**

A piece of farm equipment that mixes all the loaded ingredients for a feed recipe. Mobile mixers are most common, but stationary

mixers also exist.

- **MKDAT**
Milk withdrawal date
- **mode**
The value that appears most often in a set of data.
- **MSP**
Milking Speed (genomic trait)
- **MTAG**
Metal tag, or USDA tag number for animals in the United States.
- **MUN**
Milk Urea Nitrogen

N

- **NAAB**
National Association of Animal Breeders. www.naab-css.org
- **NADA**
New Animal Drug Application

O

- **OLDID**
Old ID
- **oocyte**
An unfertilized egg.
- **OPU**
Ovum Pick Up
- **OVSYN**
Ovulation synchronization

P

- **PCC**
Pocket CowCard
- **PCDAT**
Previous conception date
- **PCTF**
Percent fat
- **PCTP**
Percent protein/solids not fat
- **PCUDT**
Previous close-up move date

- **PDDAT**
Previous dry date
- **PDIM**
Previous lactation days in milk
- **PDOPN**
Previous lactation days open
- **PEN**
Pen number
- **PFDAT**
Previous fresh date
- **PGVAL**
Pregnancy value
- **pink eye**
Infectious bovine keratoconjunctivitis (IBK), more commonly known as pink eye, is a highly contagious bacterial infection of the eye.
- **PMILK**
The previous testday's milk value.
- **PN**
Previous pen
- **pneumonia**
Pneumonia is lung inflammation caused by a bacterial or viral infection. Early symptoms may include fever, depression, reduced appetite, nasal and eye discharge, salivation, shallow breathing, and soft coughing.
- **PODAT**
Pregnant/open date
- **PREG**
Pregnant
- **protocol**
A dairy protocols include a series of treatments or tasks that follow a prescribed order and schedule. Protocols may be defined for reproduction purposes, to treat an illness, or for routine vaccinations.
- **PSIRC**
Previous lactation sire of conception
- **PSTRH**
Permanent string or pen
- **PTA**
Predicted Transmitting Ability
- **PTBRD**
Previous lactation times bred
- **PTOTF**
Previous lactation total fat
- **PTOTM**
Previous lactation total milk

- **PTOTP**

Previous lactation total protein/solids not fat

- **PVET**

Previous vet code

R

- **RAC**

Release Access Code. This code is provided by AgSource and allows PULSE to access your herd database.

- **RC**

Reproductive code

- **RC=0**

Reproductive Code = 0. Used for young calves and heifers that have not been bred.

- **RC=1**

Reproductive code = 1 (NO BRED). Used to identify Do Not Breed (DNB) animals.

- **RC=2**

Reproductive code = 2 (FRESH). Used to identify animals that have recently given birth ("fresh").

- **RC=3**

Reproductive code = 3 (OK/OPEN). Used to identify animals that are eligible to breed. These could be fresh animals that were checked and declared ready to breed or a bred animal that was declared open.

- **RC=4**

Reproductive code = 4 (BRED). Used to identify animals that have been bred but not do not qualify for open or pregnant status.

- **RC=5**

Reproductive code = 5 (PREG). Used to identify animals that have been declared pregnant.

- **RC=6**

Reproductive code = 6 (DRY). Used to identify pregnant animals that have stopped milking.

- **RC=7**

Reproductive code = 7 (SLD/DIE). Used to identify any animal that was sold or has died.

- **RC=8**

Reproductive code = 8 (BULLCAF). Used to identify a male animal that was added to DairyComp.

- **RCDAT**

Recheck date

- **RCON**

Reconfirmation

- **recipe**

A combination of ingredients used to make feed for animals

- **REG**

Animal registration number

- **RELV**

Relative value %

- **REM**

Remark or comment

- **replacer**

Colostrum replacer is a natural or synthetic product that provides nutrients and antibodies to calves when maternal colostrum is unavailable or of poor quality. It's often used when calves don't nurse from their mother within a few hours of birth.

- **retained placenta**

Retained placenta is the failure to expel fetal membranes within 24 hours after parturition. The primary symptom of a retained placental is degenerating, discolored, and ultimately fetid membranes hanging from the vulva.

- **RPRO**

Reproductive code

S

- **SCC**

Somatic cell count

- **SCDAT**

Last scan date

- **SCMTH**

Last scan method

- **scours**

Diarrhea in young animals. Scours causes dehydration in calves and is the leading cause of death in calves under one month of age.

- **SCPEN**

Last scan pen

- **SCTIM**

Last scan time

- **SF**

Source farm

- **SID**

Sire identifier

- **SIR1**

1st choice mating sire

- **SIR2**

2nd choice mating sire

- **SIR3**

Sire preference 3

- **SIR4**

Sire preference 4

- **SIRC**

Sire of conception

- **SSF**

Standard Send File. This is a text file with animal event and production information used to provide data to a dairy records processing center (DRPC).

- **standard deviation**

A measure that is used to quantify the amount of variation or dispersion of a set of data values.

- **STAT**

DHIA (Dairy Herd Improvement Association) status code

- **STF**

Standard Transfer File. This is a text file provided by a data records processing center (DRPC) that contains a list of your animals, including their IDs, reproduction status, and milk testing records. The STF is most commonly used to transfer records from one animal database to another. STF can also be used in PULSE to import animal data.

- **STOC**

semen type of choice

- **SYDAT**

Ovsynch enrollment date

T

- **task list**

A task list in PULSE and the mobile app is a special type of worklist that is automatically generated for MyDC dairies to capture today's tasks for your herd. The Open Tasks list shows tasks from multiple sources, like your Dairy Protocols and integrations with heat and health partners, and helps you complete all required animal activities for the current day. Task lists include all OvSynch protocols, wellness checks, and any other scheduled tasks.

- **TBRD**

Times bred

- **TDAT**

Test date

- **TEATX3**

TEATX3 identifies an animal as having only 3 functional teats, usually due to mastitis, injury, or a physical deformity. TEATX3 animals require special markings to alert parlor staff to apply milking equipment to only three teats.

- **tech**

Tech is short for Technician.

- **THD**

Total sick days

- **TODAY**

Today's date

- **TOTF**

Total fat this lactation

- **TOTM**

Total milk this lactation

- **TOTP**

Total protein/solids not fat this lactation

- **TPEN**

Testday pen location

- **trim**

Dairy cattle typically have their hooves inspected and, if necessary, trimmed every 4–6 months. A strategic hoof-trimming program might evaluate hooves before first calving, between 60 and 150 days in milk, and before dry-off.

- **tuberculosis**

Bovine tuberculosis (TB) is an infectious disease that is caused by the bacteria *Mycobacterium bovis* (*M. bovis*).

U

- **UTC**

Coordinated Universal Time, also known as Greenwich Mean Time (GMT)

V

- **variance**

A measure of how far each value in the data set is from the mean.

- **VAS-specific**

A data value that originates from the VAS product line.

- **VC**

Vet code

- **VCPR**

Veterinary Client-Patient Relationship

- **VDAT**

Vet check date

- **Vet Code 6 = ABT?**

Vet Code 6 = ABT? Often if a dairy sees a pregnant animal showing signs of heat they may breed her. When this breeding is entered in DairyComp the animal remains pregnant, but this flag is set so that the veterinarian can determine if she is still pregnant to the original breeding or if she has aborted and is now just another "bred status" cow.

- **VETC**

Reason for vet check

- **VISID**

Visual ID or ear tag number

- **VWP**

Voluntary wait period, or the number of days a dairy chooses not to breed a cow after calving.

W

- **wean**

A wean event indicates that a calf no longer receives milk for feedings.

- **weighback**

Feed leftover from the day before, which helps dairies track the actual amount of feed the animals consumed.

- **worklist**

A worklist is a structured list of tasks or animals requiring attention, typically used to organize and prioritize work. In PULSE and

the mobile app, worklists identify animals that need to be seen by dairy workers or animal health experts for specific reasons, such as pregnancy checks or treatment in a hospital pen.

X

- **XDAT**

Wildcard date item

- **XID**

XID is short for "Change ID", as in changing an animal's ID number.

- **XMAST**

XMAST is a DairyComp item type. It indicates the number of times an animal has had mastitis during the current lactation.

Z

- **Zone**

The term "Zone" represents different dairy locations. Platform Zones may be different physical dairy locations (for example, multiple locations across the state or country) or different user-defined locations within a single dairy site (for example, Pens 1-100 are Zone 1, Pens 101-200 are Zone 2, etc.).

2. What's New in PULSE?

Read below to learn more about the improvements and new features that are available in PULSE!

NOTE: Items with **DC UNLIMITED ONLY** or **MYDC ONLY** labels are product-specific. See [Know Your VAS PULSE Version](#) to learn more about the two versions of PULSE.

PULSE Update - September 2026

Bug Fixes

- **Corrected DIM calculations in Reproduction Insights:** Fixed incorrect maximum and average days in milk (DIM) values in the Time of First Breeding analysis within [Reproduction Insights](#).
- **Breeding code now displays correctly in event detail view:** The BRCOD field (breeding code: standing, ovsync, SenseHub, etc.) now displays correctly when you open an individual breeding event.
- **All4Hooves integration milk withhold date errors resolved:** Fixed held commands caused by invalid default milk withholding dates (such as October 1961) coming through the PULSE All4Hooves integration for DairyComp Unlimited dairies.
- **MYDC ONLY Report History filter no longer deselects all options:** Unchecking a single option in the *Filter by Report Type* dropdown no longer clears all other previously selected options for MyDC dairies.

PULSE Update - August 2026

NEW FEATURE Streamline feed management using WeighComp

Contracts: Managing feed contracts just got easier with the new **Contracts** feature in WeighComp. This optional feature is designed for dairies that purchase ingredients from third-party suppliers and need to track one or more supplier agreements.

NEW CONTRACT									
NAME	NUMBER	VENDOR	TYPE	PRODUCT	STATUS	FULFILLMENT (TONS)	REMAINING TONS	START DATE	AF COST/TON
Alfalfa Hay 3	67927	Mobile vendor	Purchase	Alfalfa Hay	OPEN	10.00 / 2,500.00	2,490.00	08/01/25	\$0.00
Alfalfa Hay Sales M1	846535	Mobile ve...	Sale	Alfalfa Hay	CLOSED	9.50 / 5,000.00	4,990.50	01/01/26	\$0.00
Alfalfa Hay M2	812376123	Mobile ve...	Purchase	Alfalfa Hay	OPEN	0.00 / 0.01	0.01	01/11/26	\$300.00
Contract M1	812367221	Vendor 3	Purchase		OPEN	0.00 / 0.05	0.05	03/01/26	\$10.00

Create, track, and assign contracts directly in PULSE, eliminating the need for manual spreadsheets or paper tracking. Manually tracking these agreements can be time-consuming and prone to errors. Use **Contracts** to keep fulfillment records centralized, accurate, and up-to-date:

- **Reduce manual entry:** Automatically import Dry Matter (DM) and cost details when you link a load to a contract.
- **Improve accuracy:** View a running balance of remaining tons to ensure every contract is fulfilled at the agreed-upon price.
- **Centralize data:** Manage all vendor, product, and pricing details in one place for better reporting and reconciliation.

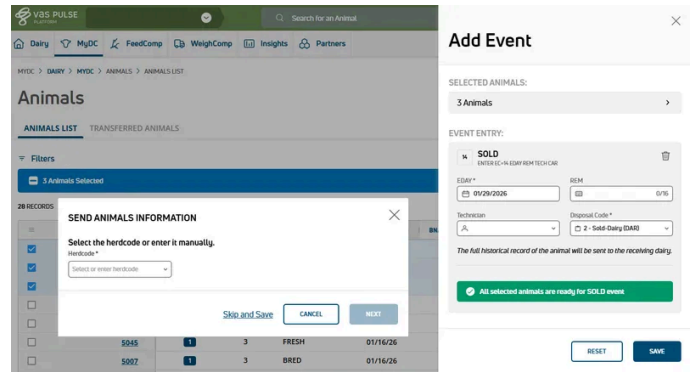
See [Contracts](#) to learn more.

Bug Fixes

- **Improved animal count accuracy:** Fixed an issue where animal count jobs failed due to long serial numbers. This fix maintains current herd data.
- **Resolved genetics trait sync failures:** Fixed a data sync failure for Zoetis traits. This update confirms genetic information reflects accurately in the platform.

PULSE Update - July 2026

NEW FEATURE **Transfer animals between PULSE dairies:** We've streamlined moving animals between PULSE-connected dairies. The new Transfer Animals feature allows you to send full animal histories—including health events, breedings, and pedigree data—directly from one PULSE dairy to another. This replaces manual data entry and ensures the receiving dairy has complete records from day one. When a transfer is sent, PULSE sends a real-time notification to the receiving dairy showing the exact number of pending records.



- **Automated workflows:** Kick off transfers automatically by selecting the *Sold to another dairy* disposal code when marking animals as SOLD.
- **Smart mapping:** Map events from the sender dairy to your own event codes to maintain consistent records.
- **Data integrity:** Built-in validation checks identify duplicate animal IDs or items before the transfer is finalized.
- **Real-time notifications:** Receive email or PULSE alerts when a new transfer is pending your approval.

See [Transfer Animals](#) to learn more.

Enhancements

- **Animal list selection:** You can now select all animals in a list with a single click. This allows for faster batch processing during transfers or other bulk actions.

Bug Fixes

- **Milk weight dates:** Resolved a one-day offset issue for milk weights.
- **DC on Mobile FRESH events:** FRESH events entered from DC on Mobile worklists are now being fully recorded in PULSE.
- **Worklist counters:** Fixed a discrepancy where worklist summary counters did not match the actual Todo and Done counts.
- **Integration Gallery:** Resolved a flow where deselecting pens would not be applied for an integration.
- **Mobile event statements:** Addressed an issue with event definition statements being cut off in REM picklists in DC on Mobile.

PULSE Update - June 2026

NEW FEATURE **305AA metrics for modern herd projections:** VAS now supports the new 305-Average Age (305AA) yield metric from the CDCB and USDA. This update replaces the 30-year-old "Mature Equivalent" (ME) model with adjustments based on modern genetics, management, and climate data. By using 305AA, you get a more accurate comparison of your cows' performance because the system standardizes all animals to a modern 36-month baseline.

If your dairy receives DRPC testday reports, you can now add these items to your CowCards and Testday tables:

- **305AA & AA305:** Projected 305-day yields based on testday and daily milk data.
- **305AA Fat & Protein:** Age-adjusted component production (PULSE only).

305AA & AA305 are also available in DairyComp for PULSE-connected herds. While 305AA provides the most current projection data, DairyComp continues to use 305ME for CowVAL and RELV calculations for now.

See [What is 305AA and how does it differ from 305ME?](#) to learn more.

Improvements

- **Localization added:** Japanese is now supported in PULSE web.

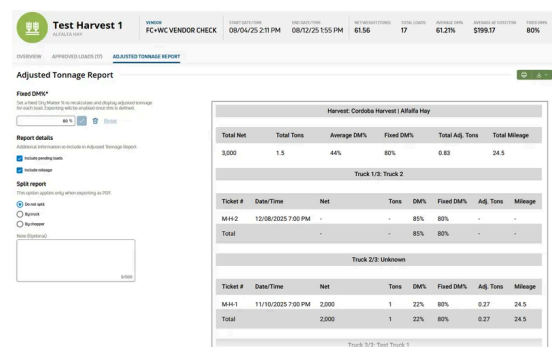
Bug Fixes

- **Date fixes:**
 - Resolved an issue where birthdates and fresh dates shifted by one day in certain forms and integrations.
 - Event dates now use the dairy's local time instead of the user's local time for better record consistency.
 - Corrected the Report Date filter to ensure reports accurately reflect your selected timeframes.
- **Integration Status indicator fix:** Corrected the integration status indicator to ensure it displays correctly.
- **Stability improvements:** Addressed a crash on the HealthVAL page and fixed an error that occurred when selecting Required Info in the Animal side panel.
- **Pen handling:** The system now preserves PULSE-only pens more consistently during data reloads to maintain your pen assignments.

PULSE Update - May 2026

NEW FEATURE WeighComp Adjusted Tonnage Report: Use the new Adjusted Tonnage report to quickly view or print the actual weight of feed corrected for dry matter content and environmental factors, such as moisture gain or loss during harvesting, storage, and handling. For instance, you may need to make an adjustment to account for extra moisture from rain, or drier conditions on windy days. The adjustment ensures that the tonnage reflects the true nutritional value rather than the “as-fed” weight. This report also automates and simplifies calculations when paying growers for feed or charging customers for crops from your harvest.

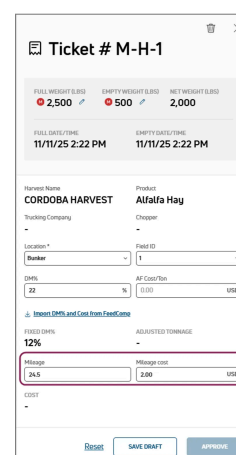
See [Adjusted Tonnage Report](#) to learn more.



Harvest: Cordoba Harvest Alfalfa Hay					
Total Net	Total Tons	Average DM%	Fixed DM%	Total Adj. Tons	Total Mileage
3,000	1.5	44%	80%	0.83	24.5
Truck 1/5: Truck 2					
Ticket #	Date/Time	Net	Tons	DM%	Fixed DM%
MH-2	12/08/2025 7:00 PM	-	-	85%	80%
Total	-	-	-	85%	80%
Truck 2/5: Unknown					
Ticket #	Date/Time	Net	Tons	DM%	Fixed DM%
MH-1	11/10/2025 7:00 PM	2,000	1	22%	80%
Total	-	2,000	1	22%	80%

ENHANCEMENT WeighComp load mileage: Managing your harvests just got a little easier! If your trucking partners charge for mileage, you can now add those details to harvest loads.

See [Add a New Load](#) to learn more.



Ticket # M-H-1

FULL WEIGHT LB: 2,500
EMPTY WEIGHT LB: 500
NET WEIGHT LB: 2,000

FULL DATE/TIME: 11/11/25 2:22 PM
EMPTY DATE/TIME: 11/11/25 2:22 PM

Harvest Name: CORDOBA HARVEST
Product: Alfalfa Hay
Trucking Company: Chopper
Location: Denver
Fixed ID: 1

DM%: 22
AF Cost/Ton: 0.22
Mileage: 24.5
Mileage cost: 2.00
COST: 1000

Buttons: Reset, SAVE DRAFT, APPROVE

Bug Fixes

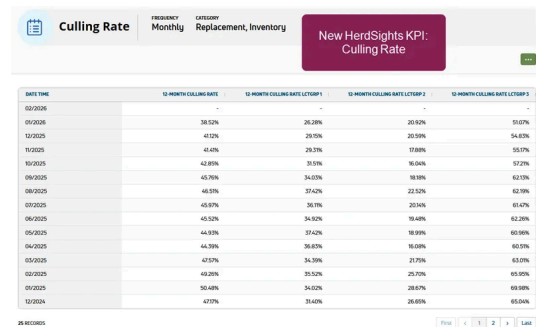
- **User Invitations:** Fixed an issue where new users were getting stuck on the agreement page after accepting an invitation.
- **Dairy Settings:** The unit selector (Imperial/Metric) in Dairy Settings now correctly reflects and saves your selection.

- **Sire Data:** Fixed a critical issue where sexed bulls (NAAB codes 501/601) were being incorrectly synced as "unsexed."
- **Embryo Transfers:** Embryo data (sire, dam, age) now correctly auto-populates during TRANSFER events on web and mobile without validation errors.
- **Task Lists:** Prevented the SOLD event from being selectable for animals that are already marked as SOLD or DIED.
- **Time zones:** Formatted event dates now correctly consider Daylight Saving Time based on the dairy's time zone.
- **Pagination:** Fixed the My Dairies page pagination to correctly display more than 99 results.

PULSE Update - February 2026

ENHANCEMENT New Culling Rate HerdSights KPIs added: The new Culling Rate KPIs provide a snapshot of how quickly animals are leaving your herd over time. These insights help you monitor herd turnover and track current rates with historical trends, making it easier for you to evaluate management practices and plan for future herd productivity.

Go to your [HerdSights](#) and [Build Views](#) to capture your culling rate details.



DATE TIME	12 MONTH CULLING RATE	12 MONTH CULLING RATE LCTSP1	12 MONTH CULLING RATE LCTSP2	12 MONTH CULLING RATE LCTSP3
02/01/25	-	-	-	-
01/01/25	38.52%	26.28%	20.82%	51.07%
12/01/24	41.02%	29.05%	25.59%	54.83%
11/01/24	41.41%	29.23%	17.88%	55.07%
10/01/24	42.85%	31.53%	16.04%	57.29%
09/01/24	45.76%	34.03%	19.18%	62.03%
08/01/24	45.03%	37.42%	22.52%	62.09%
07/01/24	45.87%	36.7%	20.14%	61.47%
06/01/24	45.92%	34.90%	19.48%	62.28%
05/01/24	44.93%	37.42%	18.99%	60.58%
04/01/24	44.39%	36.85%	16.08%	60.59%
03/01/24	47.57%	34.39%	21.75%	63.09%
02/01/24	49.28%	35.52%	25.73%	63.95%
01/01/24	50.48%	34.02%	28.47%	68.98%
12/01/23	47.07%	31.40%	28.65%	65.04%

Bug Fixes

- **WeighComp DM% and cost corrections:** Multiple fixes to DM% and DM cost/ton fixes were made in the user interface and in PULSE calculations, including data coming from FeedWatch or FeedComp. Also, transactions can now be entered with a "0" (zero) cost.
- **Zoetis CowCard fix:** Trait data now displays as expected on the CowCard Genomics tab.
- **ParlorBoss Empty Stalls per Day Report fix:** The summary row at the top of the report now shows accurate data.
- **MYDC ONLY Shared Files upload:** Files on all tabs are now stored as expected and do not unexpectedly get deleted when uploading a new file.
- **MYDC ONLY CowCard Pedigree updates:** You no longer need to refresh the page to see updates you made to an animal's CowCard Pedigree tab.
- **MYDC ONLY Add Animal date fix:** When adding animals, the entered dates are being saved as expected and are no longer resetting to yesterday.
- **MYDC ONLY Integration Status messaging and alerts:** MyDC agent integrations now show accurate connection status messages.

PULSE Update - December 2025

NEW FEATURE HerdSights bring you custom insights!

VAS is thrilled to introduce HerdSights, our latest insights tool that allows you to build custom views of your herd's data. We know that managing a dairy means tracking countless details—herd health, reproduction, feed efficiency, costs. Instead of creating your own spreadsheets or other tools to track these numbers, you can now use HerdSights views and dashboards as your new hub for all dairy data and specific [KPIs](#). Spend less time building reports and manually tracking data so you can spend more time managing your herd. See [HerdSights](#) to learn more!

Dashboard

HEALTH REPRO SUCCESS MILK **INVENTORY** IOFC

New! HerdSights Dashboards and Views

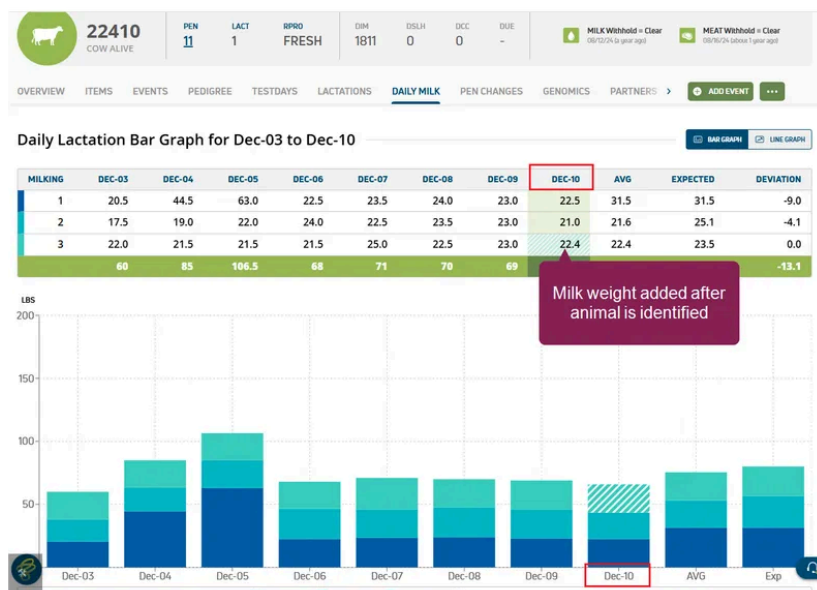
Cow Culling

DATE TIME	% SOLD AND DIED COWS	% SOLD AND DIED COWS LCTGRP 1	% SOLD AND DIED COWS LCTGRP 2	% SOLD AND DIED COWS LCTGRP 3
11/2025	1.97%	1.27%	1.77%	2.69%
10/2025	3.65%	2.10%	3.47%	5.02%
09/2025	0	0	0	0
08/2025	4.06%	3.74%	2.59%	5.24%
07/2025	3.63%	2.89%	3.27%	4.51%
06/2025	3.61%	0	3.42%	4.90%
05/2025	3.48%	2.91%	3.15%	4.23%
04/2025	2.83%	2.15%	1.81%	4.24%

LATEST 8 PERIODS SHOW MORE INFO

Cow Inventory

DATE TIME	INVENTORY MILKING COWS	INVENTORY PREGNANT COWS	INVENTORY DRY COWS	INVENTORY COWS
12/12/2025	1581	702	209	1790
12/11/2025	1581	702	209	1790



ENHANCEMENT MYDC ONLY Add milk weights for unidentified animals to the correct date. MyDC dairies with parlor integrations now show milk weights for the correct date when an animal is not identified in the parlor. This improvement helps capture accurate milk weight data for animals that are later identified.

Other Improvements & Bug Fixes

- Embryo import improvement: PULSE now allows for the import of embryos with the same straw number if the embryos have different fertilization dates.
- Embryo transfers for heifers: PULSE now supports adding an embryo transfer to heifers after a recorded ABORT event and keeps the lactation number at 0.
- Sire validation fix: If a sire name exceeds the 16-character limit when adding a TRANSFER event, PULSE now displays an error.
- Embryo import date fixes: Resolved an issue where fertilization or transferred dates were being removed or imported incorrectly.
- Embryo print/export fix: Your data is no longer truncated when printing and exporting embryo inventory, transferred, and results tabs.
- ParlorBoss edit option: You can now adjust your parlor details in ParlorBoss using the Edit Parlor option.

- LastTreatmentDate fix: Resolved an issue that caused the Last Treatment Date to show the wrong date following daylight savings time adjustments.

MYDC ONLY Bug Fixes

- ABORT batch entry fix: Batch entry for ABORT events now works as expected when selecting to continue the current lactation.
- Breeding sire fix: PULSE no longer prompts for a breeding sire **ID** when adding animals that are not BRED or **PREG**.
- Dairy Protocols translation fix: The Dairy Protocols page now displays as expected in languages other than English.
- Nedap Now milk weights fix: Milk weights from Nedap Now are now being received and shown in PULSE as expected.

TIP: Do you have an idea for a new feature or enhancement? [Help Us Improve!](#)

✓ **Earlier Releases**

2.1. PULSE Update - September 2026

Bug Fixes

- **Corrected DIM calculations in Reproduction Insights:** Fixed incorrect maximum and average days in milk (DIM) values in the Time of First Breeding analysis within [Reproduction Insights](#).
- **Breeding code now displays correctly in event detail view:** The BRCOD field (breeding code: standing, ovsync, SenseHub, etc.) now displays correctly when you open an individual breeding event.
- **All4Hooves integration milk withhold date errors resolved:** Fixed held commands caused by invalid default milk withholding dates (such as October 1961) coming through the PULSE All4Hooves integration for DairyComp Unlimited dairies.
- **MYDC ONLY Report History filter no longer deselects all options:** Unchecking a single option in the *Filter by Report Type* dropdown no longer clears all other previously selected options for MyDC dairies.

2.2. PULSE Update - August 2026

NEW FEATURE Streamline feed management using WeighComp

Contracts: Managing feed contracts just got easier with the new **Contracts** feature in WeighComp. This optional feature is designed for dairies that purchase ingredients from third-party suppliers and need to track one or more supplier agreements.

Contracts

NEW CONTRACT

Search by Contract Name or Number

Type

Vendor

Product

Status

From Date

C1

10/26/2025

To Date

01/06/2026

11 RECORDS

NAME	NUMBER	VENDOR	TYPE	PRODUCT	STATUS	FULFILLMENT (TONS)	REMAINING TONS	START DATE	AF COST/TON
Alfalfa Hay 3	07927	Mobile vendor	Purchase	Alfalfa Hay	OPEN	10.00 / 2,500.00	2,490.00	08/01/25	\$0.00
Alfalfa Hay Sales M1	846535	Mobile ve...	Sale	Alfalfa Hay	CLOSED	9.50 / 5,000.00	4,990.50	01/01/26	\$0.00
Alfalfa Hay M2	812376123	Mobile ve...	Purchase	Alfalfa Hay	OPEN	0.00 / 0.01	0.01	01/11/26	\$200.00
Contract M1	812367221	Vendor 3	Purchase		OPEN	0.00 / 0.05	0.05	03/01/26	\$10.00

Create, track, and assign contracts directly in PULSE, eliminating the need for manual spreadsheets or paper tracking. Manually tracking these agreements can be time-consuming and prone to errors. Use **Contracts** to keep fulfillment records centralized, accurate, and up-to-date:

- **Reduce manual entry:** Automatically import Dry Matter (DM) and cost details when you link a load to a contract.
- **Improve accuracy:** View a running balance of remaining tons to ensure every contract is fulfilled at the agreed-upon price.
- **Centralize data:** Manage all vendor, product, and pricing details in one place for better reporting and reconciliation.

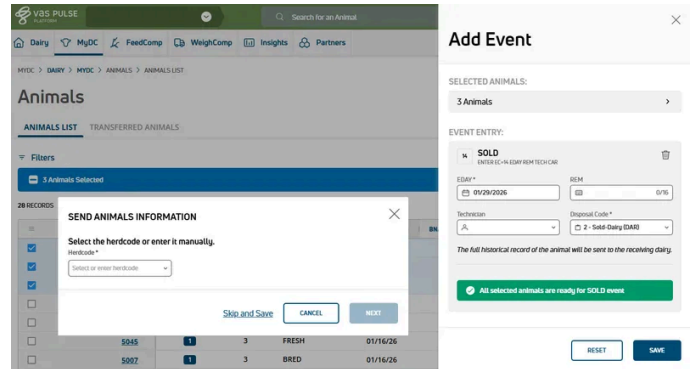
See [Contracts](#) to learn more.

Bug Fixes

- **Improved animal count accuracy:** Fixed an issue where animal count jobs failed due to long serial numbers. This fix maintains current herd data.
- **Resolved genetics trait sync failures:** Fixed a data sync failure for Zoetis traits. This update confirms genetic information reflects accurately in the platform.

2.3. PULSE Update - July 2026

NEW FEATURE **Transfer animals between PULSE dairies:** We've streamlined moving animals between PULSE-connected dairies. The new Transfer Animals feature allows you to send full animal histories—including health events, breedings, and pedigree data—directly from one PULSE dairy to another. This replaces manual data entry and ensures the receiving dairy has complete records from day one. When a transfer is sent, PULSE sends a real-time notification to the receiving dairy showing the exact number of pending records.



- **Automated workflows:** Kick off transfers automatically by selecting the *Sold to another dairy* disposal code when marking animals as SOLD.
- **Smart mapping:** Map events from the sender dairy to your own event codes to maintain consistent records.
- **Data integrity:** Built-in validation checks identify duplicate animal IDs or items before the transfer is finalized.
- **Real-time notifications:** Receive email or PULSE alerts when a new transfer is pending your approval.

See [Transfer Animals](#) to learn more.

Enhancements

- **Animal list selection:** You can now select all animals in a list with a single click. This allows for faster batch processing during transfers or other bulk actions.

Bug Fixes

- **Milk weight dates:** Resolved a one-day offset issue for milk weights.
- **DC on Mobile FRESH events:** FRESH events entered from DC on Mobile worklists are now being fully recorded in PULSE.
- **Worklist counters:** Fixed a discrepancy where worklist summary counters did not match the actual Todo and Done counts.
- **Integration Gallery:** Resolved a flow where deselecting pens would not be applied for an integration.
- **Mobile event statements:** Addressed an issue with event definition statements being cut off in REM picklists in DC on Mobile.

2.4. PULSE Update - June 2026

NEW FEATURE 305AA metrics for modern herd projections: VAS now supports the new 305-Average Age (305AA) yield metric from the CDCB and USDA. This update replaces the 30-year-old "Mature Equivalent" (ME) model with adjustments based on modern genetics, management, and climate data. By using 305AA, you get a more accurate comparison of your cows' performance because the system standardizes all animals to a modern 36-month baseline.

If your dairy receives DRPC testday reports, you can now add these items to your CowCards and Testday tables:

- **305AA & AA305:** Projected 305-day yields based on testday and daily milk data.
- **305AA Fat & Protein:** Age-adjusted component production (PULSE only).

305AA & AA305 are also available in DairyComp for PULSE-connected herds. While 305AA provides the most current projection data, DairyComp continues to use 305ME for CowVAL and RELV calculations for now.

See [What is 305AA and how does it differ from 305ME?](#) to learn more.

Improvements

- **Localization added:** Japanese is now supported in PULSE web.

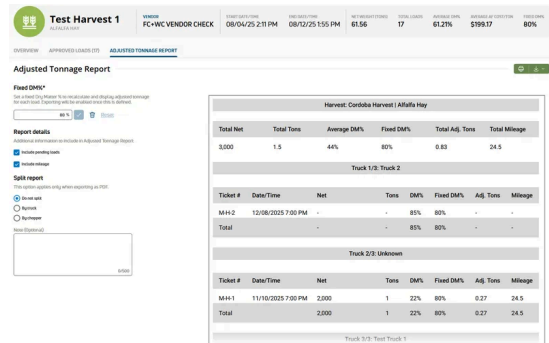
Bug Fixes

- **Date fixes:**
 - Resolved an issue where birthdates and fresh dates shifted by one day in certain forms and integrations.
 - Event dates now use the dairy's local time instead of the user's local time for better record consistency.
 - Corrected the Report Date filter to ensure reports accurately reflect your selected timeframes.
- **Integration Status indicator fix:** Corrected the integration status indicator to ensure it displays correctly.
- **Stability improvements:** Addressed a crash on the HealthVAL page and fixed an error that occurred when selecting Required Info in the Animal side panel.
- **Pen handling:** The system now preserves PULSE-only pens more consistently during data reloads to maintain your pen assignments.

2.5. PULSE Update - May 2026

NEW FEATURE **WeighComp Adjusted Tonnage Report:** Use the new Adjusted Tonnage report to quickly view or print the actual weight of feed corrected for dry matter content and environmental factors, such as moisture gain or loss during harvesting, storage, and handling. For instance, you may need to make an adjustment to account for extra moisture from rain, or drier conditions on windy days. The adjustment ensures that the tonnage reflects the true nutritional value rather than the “as-fed” weight. This report also automates and simplifies calculations when paying growers for feed or charging customers for crops from your harvest.

See [Adjusted Tonnage Report](#) to learn more.



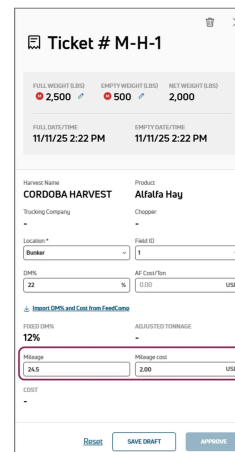
Total Net	Total Tons	Average DM%	Fixed DM%	Total Adj. Tons	Total Mileage
3,000	1.5	84%	80%	0.83	24.5

Ticket #	Date/Time	Net	Tons	DM%	Fixed DM%	Adj. Tons	Mileage
M41-2	12/08/2025 7:00 PM	-	-	85%	80%	-	-
Total	-	-	-	85%	80%	-	-

Ticket #	Date/Time	Net	Tons	DM%	Fixed DM%	Adj. Tons	Mileage
M41-1	11/10/2025 7:00 PM	2,000	1	22%	80%	0.27	24.5
Total	-	2,000	1	22%	80%	0.27	24.5

ENHANCEMENT **WeighComp load mileage:** Managing your harvests just got a little easier! If your trucking partners charge for mileage, you can now add those details to harvest loads.

See [Add a New Load](#) to learn more.



Ticket # M-H-1

FULL WEIGHT LB: 2,500
EMPTY WEIGHT LB: 500
NET WEIGHT LB: 2,000

FULL DATE/TIME: 11/11/25 2:22 PM
EMPTY DATE/TIME: 11/11/25 2:22 PM

Harvest Name: CORDOBA HARVEST
Product: Alfalfa Hay
Trucking Company: Chopper

Location: Bunker
Fixed ID: 1

DM%: 22
Adj Cost/Ton: 0.00
USD

Insert DM% and Cost from FeedComp

FIXED DM%: 12%
ADJUSTED TONNAGE: 265
Mileage cost: 200
USD

COST: -

Buttons: Reset, SAVE DRAFT, APPROVE

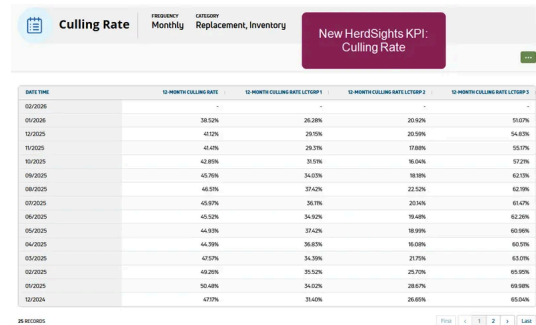
Bug Fixes

- **User Invitations:** Fixed an issue where new users were getting stuck on the agreement page after accepting an invitation.
- **Dairy Settings:** The unit selector (Imperial/Metric) in Dairy Settings now correctly reflects and saves your selection.
- **Sire Data:** Fixed a critical issue where sexed bulls (NAAB codes 501/601) were being incorrectly synced as "unsexed."
- **Embryo Transfers:** Embryo data (sire, dam, age) now correctly auto-populates during TRANSFER events on web and mobile without validation errors.
- **Task Lists:** Prevented the SOLD event from being selectable for animals that are already marked as SOLD or DIED.
- **Time zones:** Formatted event dates now correctly consider Daylight Saving Time based on the dairy's time zone.
- **Pagination:** Fixed the My Dairies page pagination to correctly display more than 99 results.

2.6. PULSE Update - February 2026

ENHANCEMENT New Culling Rate HerdSights KPIs added: The new Culling Rate KPIs provide a snapshot of how quickly animals are leaving your herd over time. These insights help you monitor herd turnover and track current rates with historical trends, making it easier for you to evaluate management practices and plan for future herd productivity.

Go to your [HerdSights](#) and [Build Views](#) to capture your culling rate details.



DATE TIME	12-MONTH CULLING RATE	12-MONTH CULLING RATE L1 (SEP)	12-MONTH CULLING RATE L2 (SEP)	12-MONTH CULLING RATE L3 (SEP)
02/01/2025	-	-	-	-
01/01/2025	38.52%	26.28%	20.42%	51.07%
12/01/2024	41.42%	29.55%	20.59%	54.83%
11/01/2024	41.42%	29.23%	17.88%	55.07%
10/01/2024	42.85%	31.9%	16.04%	57.2%
09/01/2024	43.28%	34.53%	18.3%	60.17%
08/01/2024	46.55%	37.42%	22.52%	62.76%
07/01/2024	45.87%	36.7%	20.14%	61.47%
06/01/2024	45.52%	34.82%	19.48%	62.28%
05/01/2024	44.93%	37.42%	18.99%	60.96%
04/01/2024	44.39%	36.83%	16.08%	60.3%
03/01/2024	47.57%	34.39%	21.75%	63.07%
02/01/2024	49.23%	33.52%	25.73%	65.9%
01/01/2024	55.48%	34.62%	28.67%	69.98%
12/01/2023	47.07%	35.48%	26.65%	65.04%

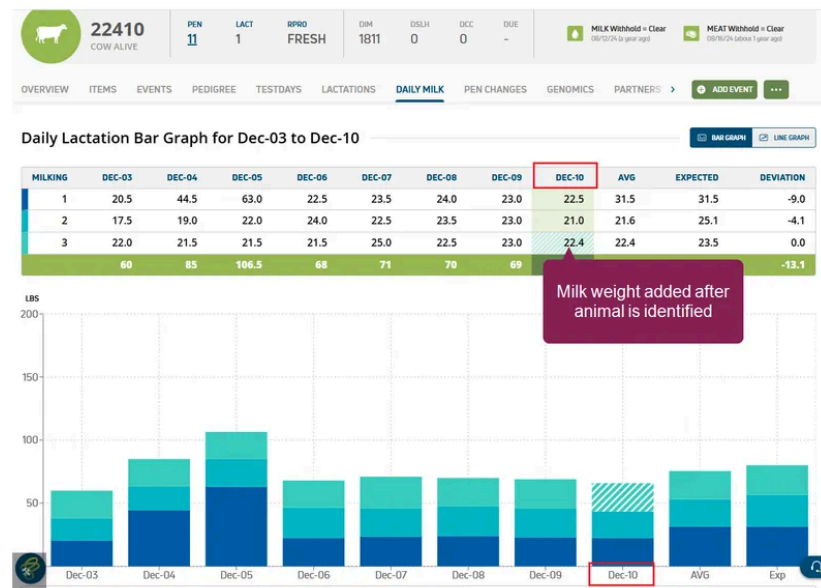
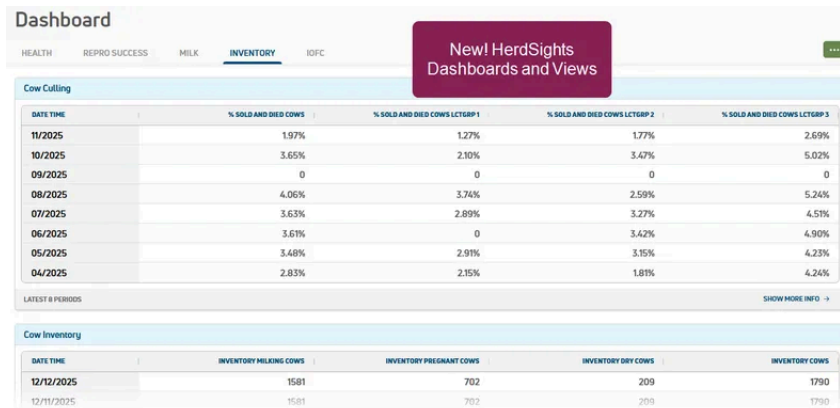
Bug Fixes

- **WeighComp DM% and cost corrections:** Multiple fixes to DM% and DM cost/ton fixes were made in the user interface and in PULSE calculations, including data coming from FeedWatch or FeedComp. Also, transactions can now be entered with a "0" (zero) cost.
- **Zoetis CowCard fix:** Trait data now displays as expected on the CowCard Genomics tab.
- **ParlorBoss Empty Stalls per Day Report fix:** The summary row at the top of the report now shows accurate data.
- **MYDC ONLY Shared Files upload:** Files on all tabs are now stored as expected and do not unexpectedly get deleted when uploading a new file.
- **MYDC ONLY CowCard Pedigree updates:** You no longer need to refresh the page to see updates you made to an animal's CowCard Pedigree tab.
- **MYDC ONLY Add Animal date fix:** When adding animals, the entered dates are being saved as expected and are no longer resetting to yesterday.
- **MYDC ONLY Integration Status messaging and alerts:** MyDC agent integrations now show accurate connection status messages.

2.7. PULSE Update - December 2025

NEW FEATURE HerdSights bring you custom insights!

VAS is thrilled to introduce HerdSights, our latest insights tool that allows you to build custom views of your herd's data. We know that managing a dairy means tracking countless details—herd health, reproduction, feed efficiency, costs. Instead of creating your own spreadsheets or other tools to track these numbers, you can now use HerdSights views and dashboards as your new hub for all dairy data and specific [KPIs](#). Spend less time building reports and manually tracking data so you can spend more time managing your herd. See [HerdSights](#) to learn more!



ENHANCEMENT MYDC ONLY Add milk weights for unidentified animals to the correct date. MyDC dairies with parlor integrations now show milk weights for the correct date when an animal is not identified in the parlor. This improvement helps capture accurate milk weight data for animals that are later identified.

Other Improvements & Bug Fixes

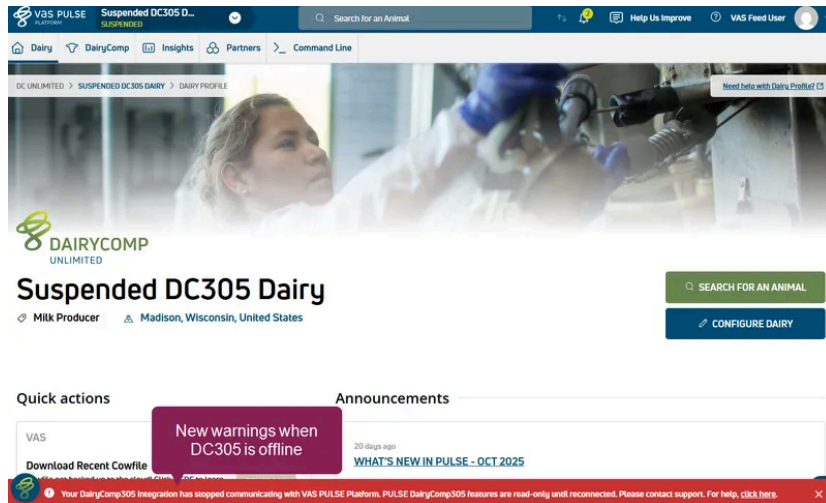
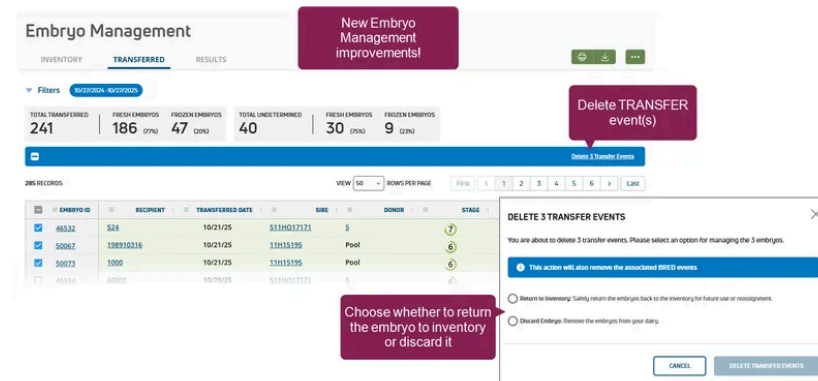
- Embryo import improvement: PULSE now allows for the import of embryos with the same straw number if the embryos have different fertilization dates.
- Embryo transfers for heifers: PULSE now supports adding an embryo transfer to heifers after a recorded ABORT event and keeps the lactation number at 0.
- Sire validation fix: If a sire name exceeds the 16-character limit when adding a TRANSFER event, PULSE now displays an error.
- Embryo import date fixes: Resolved an issue where fertilization or transferred dates were being removed or imported incorrectly.
- Embryo print/export fix: Your data is no longer truncated when printing and exporting embryo inventory, transferred, and results tabs.
- ParlorBoss edit option: You can now adjust your parlor details in ParlorBoss using the Edit Parlor option.
- LastTreatmentDate fix: Resolved an issue that caused the Last Treatment Date to show the wrong date following daylight savings time adjustments.

MYDCONLY Bug Fixes

- ABORT batch entry fix: Batch entry for ABORT events now works as expected when selecting to continue the current lactation.
- Breeding sire fix: PULSE no longer prompts for a breeding sire ID when adding animals that are not BRED or PREG.
- Dairy Protocols translation fix: The Dairy Protocols page now displays as expected in languages other than English.
- Nedap Now milk weights fix: Milk weights from Nedap Now are now being received and shown in PULSE as expected.

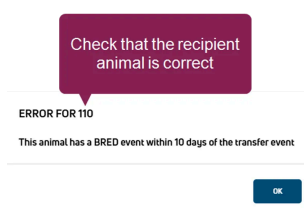
2.8. PULSE Update - November 2025

ENHANCEMENT **DC UNLIMITED ONLY** Protect your herd data with PULSE offline [mode](#) alerts! If your [DC305](#) connection goes down, PULSE now warns you and specifies the actions you need to take. This ensures you don't inadvertently edit outdated animal records and keeps your PULSE data current. PULSE detects three different offline modes to safeguard your herd data. See [Offline DC305 Integration](#) to learn how to address warnings and make sure your latest animal records are live in PULSE and the mobile app.

ENHANCEMENT Embryo management improvements: Managing your embryos in PULSE just got easier! Check out the latest improvements:

- You can now delete transferred embryos and choose to either return them to inventory or discard them. This helps to correct mistakes if the wrong embryo was selected during a TRANSFER event. See [Delete Transferred Embryos](#) to learn more.
- If an animal was BRED within 10 days, TRANSFER events cannot be added and PULSE flags the animal in an error message:



Be sure to check that the recipient animal is correct when you see the BRED error message. This and other built-in sanity checks protect your valuable investment and avoid wasting viable embryos. See [TRANSFER Event Sanity Checks](#) for additional PULSE checks and other event details.

- You can now add stage 9 embryos (expanded and hatched blastocysts) to recipient animals. See [Requirements for Embryo Transfers](#) for additional requirements.

ENHANCEMENT Additional embryo details: PULSE now supports additional data for your embryos:

- Lab ID
- Lab Embryo ID
- Embryo Owner

You can also filter your [Embryo Inventory](#), [Transferred Embryos](#), and [Embryo Results](#) pages using the new fields. See [Embryo Management](#) to learn more about managing your embryos in PULSE.

Embryo Management

INVENTORY TRANSFERRED RESULTS

Fresh Embryos: 20 Frozen Embryos: 197

VIEW 50 ROWS PER PAGE

Additional embryo details

EMBRYO ID	SIRE	DONOR	TANK/INC.	CANE/VAL.	STRAW	STAGE	GRADE	STORAGE	ESRD	EAGE	LAB ID	LAB EMBRYO ID	EMBRYO OWN.
46526	511H017171	5	Transova	-	6	1	1	Fresh	HQ	18 days	-	-	-
46532	511H017171	5	Transova	-	3	7	1	Fresh	HQ	5 days	-	-	-
46534	511H017171	5	Transova	-	6	6	1	Fresh	HQ	5 days	-	-	-
49650	007H014320	12001	Transova	PEAK-ERGS	6858	6	1	Fresh	HQ	4 days	-	-	-
50113	007H014320	61	Transova	PEAK-ERGS	6871	2	1	Fresh	HQ	4 days	Transova	39225687	Calf farm #2
50139	007H014320	61	Transova	PEAK-ERGS	6871	2	1	Frozen	HQ	107 days	Transova	39225688	Calf farm #2
50142	007H014320	61	Transova	PEAK-ERGS	6871	2	1	Frozen	HQ	100 days	Transova	39225689	Calf farm #2
50149	007H014320	61	Transova	PEAK-ERGS	6871	2	1	Fresh	HQ	4 days	Transova	39225690	Calf farm #2
46547	0015G00074	123	Test	-	1	5	1	Fresh	JE	278 days	-	-	-
46528	0015G00074	123	Test	-	2	5	1	Fresh	JE	278 days	-	-	-

Identification Reports

TAKES SCANNED / EXPECTED COWS SCANNED / EXPECTED WORKING PPN ANIMALS COWS WITHOUT ID SCAN COWS WITH MULTIPLE TRIPS

ParlorBoss Reports are now available!

Efficiency Reports

TURNING PER DAY SHIFT START AND END PEN TIME PARLOR SPEED EMPTY STALLS PER DAY

Filters: 5/10/2025 - 5/10/2025 Clear Filters

Staging Rotary Parlor

AGE # OF TURNS PER DAY: 160

DATE	SHIFT #1	SHIFT #2	SHIFT #3	TOTAL NUMBER OF TURNS
05/07/2025	58	55	55	168
05/08/2025	57	54	55	166
05/09/2025	57	55	56	168
05/10/2025	57	55	55	167
05/13/2025	5	54	54	114
05/12/2025	58	56	56	170
05/10/2025	57	55	54	166

SHIFT #1	SHIFT #2	TOTAL TAKES SCANNED / EXPECTED	% COMPLETE
43 / 43	-	-	-
278 / 278	48 / 75	436 / 645	72.4%
228 / 302	230 / 322	709 / 948	74.7%
585 / 628	77 / 101	929 / 1048	92.5%
0 / 0	426 / 448	446 / 717	62.2%
0 / 0	55 / 78	579 / 658	78.8%

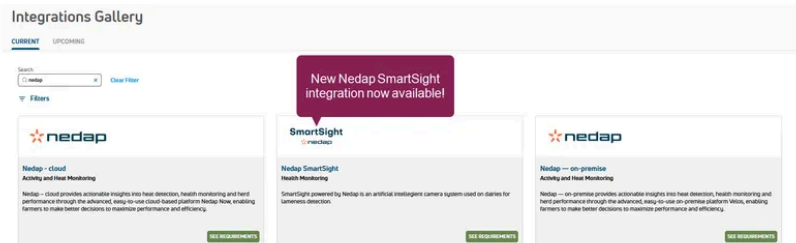
NEW FEATURE ParlorBoss Reports are now available in PULSE! Dairies with a ParlorBoss DairyComp integration can now view reports on their parlor's efficiency and animal identification accuracy. Use the reports to track and analyze specific parlor performance details and help your team evaluate animal prep routines, milking equipment attachment methods, and other parlor activities for potential improvement opportunities.

IMPORTANT: ParlorBoss version 2.8.9 or higher must be installed and integrated with DairyComp at your dairy for reporting to be available.

✓ [Click here for a full list of available reports!](#)

See [ParlorBoss Setup & Troubleshooting](#) to learn more about getting started!

ENHANCEMENT Nedap SmartSight integration now available! VAS is committed to partnering with other technology leaders in the dairy industry, and we are excited to announce the general availability of Nedap SmartSight integration. [SmartSight](#) powered by Nedap is an AI-powered camera system that helps detect lameness in cows during milking. A consistent, objective, and automatic tool for creating a lame score on a cow at every milking. These scores help generate actionable insights, including prioritized trim lists and monitoring recovery after trimming. See [Nedap SmartSight Overview](#) to learn more.



Other Improvements & Bug Fixes

- FeedComp on PULSE user interface improvements: The Feedings page and Feed History Report are now more intuitive and easier to use. Printed outputs were also improved for readability.
- Added "Unknown" breeding result: PULSE now shows "Unknown" rather than a "-" when waiting to confirm the results of a BRED event.
- ParlorBoss report timezone fix: ParlorBoss reports now show the correct local dairy date/time for all timezones.
- Integration toggle fix: If an integration is disabled and then enabled from the Integrations Gallery without a page reload, PULSE connects the integration as expected.
- FeedComp ingredient name edit: The ingredient name is now editable when adding a new ingredient in the side panel.
- FeedComp Dry Matter Intake by Pen Type report metric value fix: The Dry Matter Intake by Pen Type report now formats the Total Dry Matter amount correctly for metric dairies.
- Embryo transfer invalid breed error: Resolved an unexpected error when transferring embryos from inventory.

MYDCONLY Bug Fixes

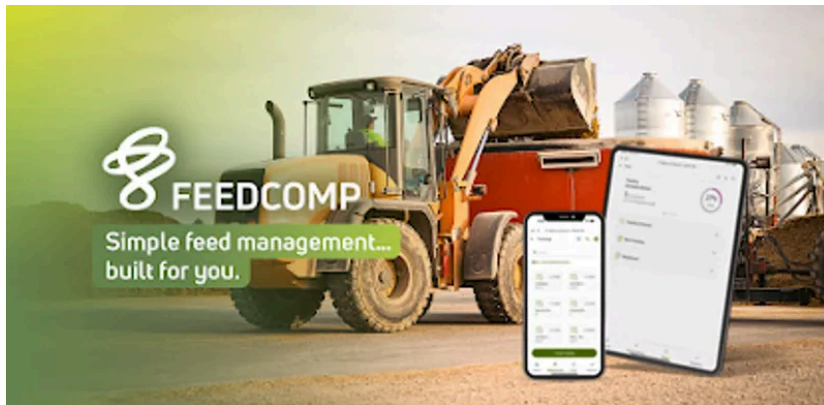
- EXPCALF cleared for new lactations: When an animal has a FRESH or ABORT event, the EXPCALF is now cleared as expected.
- ABORT batch entry fix: Batch entry for ABORT events now works as expected when selecting to continue the current lactation.
- Breeding result improvement: If an animal is BRED after a previous breeding, the last breeding results is automatically set to OPEN.
- Milk weights fix: Current milk weights are correctly shown for DMLK1, M1, M2, and M3.
- Bulk MEASURE event date: MEASURE event dates are now captured correctly when set to a date other than [today](#).
- Herd Worker role fix: Tasks can now be completed as expected in mobile and web for users with a Herd Worker role.

2.9. PULSE Update - October 2025

NEW FEATURE Meet FeedComp: a simplified and smarter feeding program. Built to cut waste, boost mixing accuracy, and optimize the most costly and complex area of dairy management, FeedComp takes the guesswork (and paperwork!) out of your feed operations.

FeedComp's intuitive mobile and web apps make feeding effortless: quickly check inventory and adjust feedings, use built-in reports to track feeder performance and projections, leverage automatic [pen](#) count updates or step-by-step mixin guidance, and more. Use the powerful, yet easy-to-use tool anywhere, online or offline, with only two pieces of [tech](#): your tablet or phone and a Bluetooth-enabled scale head.

Ready to start your smarter feeding journey? [Contact Us](#) to get started and explore [FeedComp \(mobile\)](#) and [FeedComp \(web\)](#) to learn more.



Bug Fixes

- FeedWatch product in WeighComp dairies: Resolved an issue where FeedWatch was not listed on the WeighComp > **Settings** > **Product** page for dairies with both integrations.
- WeighComp load summaries: When filtering harvest loads by truck or field, summary details are now shown as expected.
- WeighComp timezone fix: Date filtering was adjusted to reflect the dairy's timezone, not a user's local timezone.
- Update animal data fix: PULSE no longer flags deleted animals as duplicates when importing sire mating data.
- Embryo transfer breed: Addressed an unexpected embryo breed error when entering TRANSFER events.
- **MYDC ONLY** MEASURE date fix: Dates for MEASURE events are now being recorded correctly when choosing a previous date.
- **MYDC ONLY** FDAT/BDAT restriction update: PULSE restrictions on requiring a calf's birthdate (BDAT) and a dam's FRESH date (FDAT) to match were relaxed to allow for manual updates as needed in MyDC dairies.
- **MYDC ONLY** ONOV tasks cleared for new lactations: ONOV tasks are now automatically cleared when starting a new lactation.

2.10. PULSE Update - July 2025

ENHANCEMENT New integrations available! VAS is committed to partnering with other technology leaders in the dairy industry, and we are excited to announce the general availability of the following one-way PULSE integrations:

- [Alpha Dairy Consulting](#) provides holistic nutrition consulting for dairy cattle, with an understanding that the implementation of change requires time and attention to detail.
- [E.I. Medical Imaging](#) provides state-of-the-art, real-time ultrasound scanners to serve veterinarians and livestock producers worldwide.
- [Jefo Nutrition](#) provides precision nutrition solutions to support animal health, milk performance, and reproduction.

Integrations Gallery

CURRENT

UPCOMING

Search

Q

Filters



Alpha Dairy Consulting
Herd analytics

Alpha Dairy Consulting provides nutrition consulting for dairy cattle. Our goal is to cultivate change that will result in improved efficiency and improved profitability.

[SEE REQUIREMENTS](#)



E.I. Medical Imaging
Health Monitoring

E.I. Medical Imaging™ was founded in 1984 with the vision of developing a state-of-the-art, real-time ultrasound scanner to serve veterinarians and livestock producers world-wide.

[SEE REQUIREMENTS](#)



Jefo Nutrition connected
Herd analytics

Jefo provides precision nutrition solutions to support dairy health, performance, and reproduction.

[SEE DETAILS](#)

New integrations available!

Settings

GENERAL SETTINGS

HEALTH SETTINGS

REPRODUCTION SETTINGS

Q Search for a specific topic

Animal Configuration

Customize how to display animals

Disposal Codes

Codes to be entered when an animal is marked as sold

Event Definitions

Events capture key animal activities

Item Definitions

Items capture specific animal data points

Lactation Configuration

Configuration for scanning a new lactation

Production Constraints

Manage times and warnings related to milk production

Sounds

Manage sounds that you want to use in Platforms

Source Farms

Manage your farm relationships

System Settings

General Platform settings not found under other categories

General

Default Breed

The most common breed raised on your dairy. Used when adding animals and reporting.

Default Pen

The default pen to pre-select when adding animals to your herd.

1

Naming & Identification

Preferred Identifier

Preferred animal identifier to display for Search, CowCards, and Reports.

☒ ID
 ☐ BNAME
 ☐ DMS
 ☐ SEG
 ☐ EID

ISO ID Display Format

Preferred display format for ISO IDs on the CowCard and in reports.

☐ 2 Character (US000002345678)
 ☐ 3 Character (USA000002345678)
 ☒ Numeric (840000002345678)

Limit ID Reuse

Minimum numbers of days to reuse IDs

30

Sire Identification

Preferred sire identification attribute to display on the CowCard and in reports.

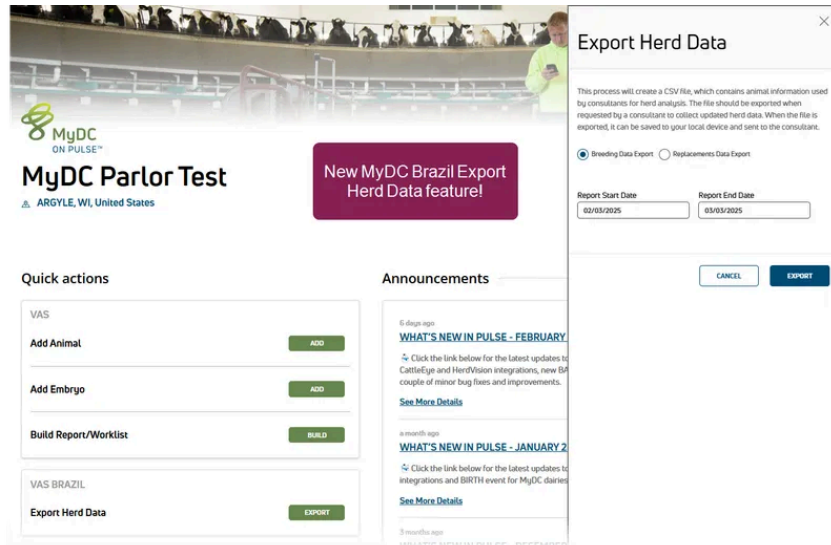
☐ NAAB Code
 ☐ Name
 ☐ Registration Number
 ☒ Country ID

NLD - NL RegNum

New! International sire support

ENHANCEMENT International sire support: PULSE now supports international sire IDs, so bulls originating from outside of North America are recognized. This enhancement allows for country-specific IDs to be used in reports and on CowCards, and offers additional flexibility to our dairies outside of the US. See [Sire identification](#) to learn more about selecting an international sire identifier.

NEW FEATURE **MYDC ONLY** New Brazil Export Herd Data feature! MyDC dairies in Brazil can now use the handy herd data export feature from [Quick Actions](#) in PULSE. This feature allows you to generate lists of animals for breeding or to capture replacement heifer details for the herd. See [Export Herd Data \(MyDC in Brazil only\)](#) to learn more!



Bug Fixes

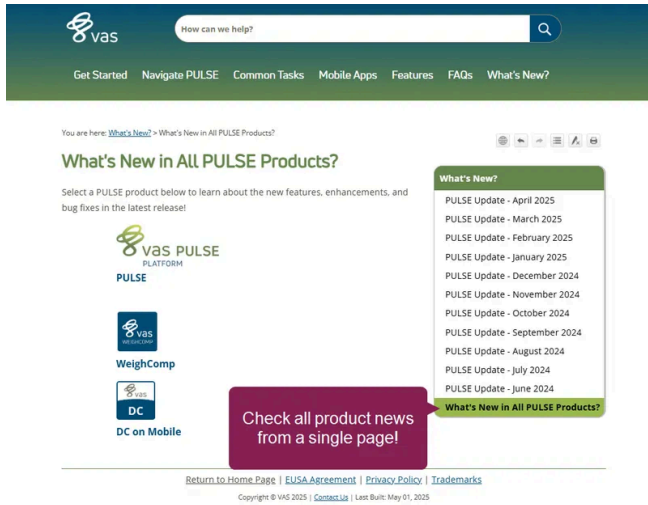
- Embryo transfer dates: PULSE now accurately interprets embryo transfer dates.
- **MYDC ONLY** Event dates: PULSE now shows accurate event dates ([EDAT](#)) for MyDC dairies.

2.11. PULSE Update - June 2025

Bug Fixes

- Conception Rate fix. We've addressed a rare issue where PULSE incorrectly showed a conception rate of zero.
- Zoetis Submitted Samples data fix. PULSE now updates the Submitted Samples data as expected.

2.12. PULSE Update - May 2025

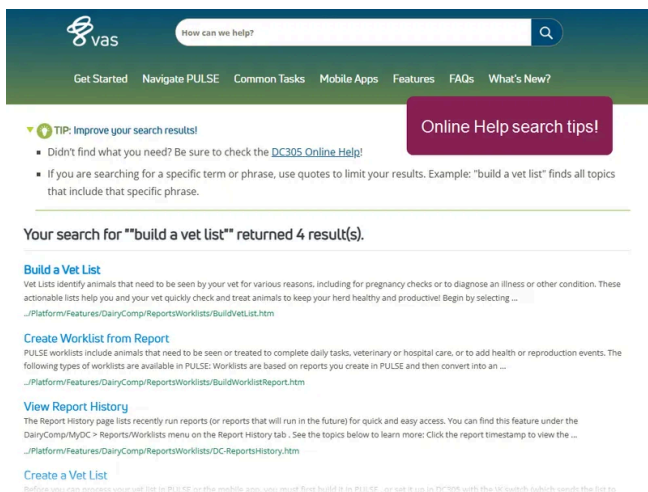


ENHANCEMENT Check all product news from a single page! We've added a new page to help you get to the latest product news for PULSE, DC on Mobile, and FeedWatch. See [What's New in All PULSE Products?](#) to learn more!

Not finding the help you need? Check out our PULSE Online Help search tips:

TIP: Improve your search results!

- Be sure to check the [PULSE Online Help](#) [DairyComp Online Help](#)!
- If you are searching for a specific term or phrase, use quotes to limit your results. Example: "build a vet list" "vet lists" finds all topics that include that specific phrase.



Bug Fixes

- Zoetis Submitted Samples fix. PULSE now displays all genomic submissions as expected on the Submitted Samples page.

2.13. PULSE Update - April 2025

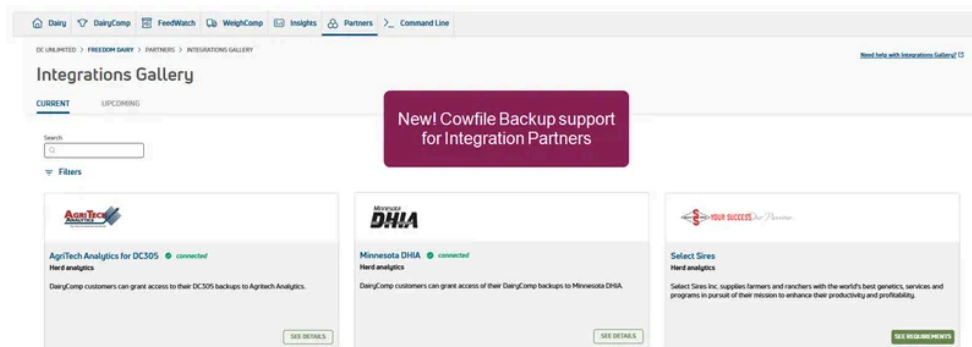
PULSE Update - April 2025

ENHANCEMENT DC Unlimited ONLY Cowfile Backup sharing for select Integration Partners! VAS now offers DairyComp Unlimited dairies the option to quickly and easily share their most recent [DC305](#) cowfile backup with select herd analytics partners using the [Integrations Gallery](#) in PULSE. This automatically provides access to your herd data to simplify file sharing when needed — no need to download or upload your cowfiles manually! If at any point you decide to stop sharing your latest cowfile, you can turn off the connection with a single click. You always have full control over who can access your herd data!

The following partners now support cowfile sharing:

- [AgriTech Analytics for DC305](#)
- [Minnesota DHIA](#)
- [Select Sires](#)

To get started, connect the integration in the [Integrations Gallery](#) in PULSE. Then see [Activate Cowfile Backup Sharing](#) to learn more about connecting and using the DairyComp Cowfile Backup feature.



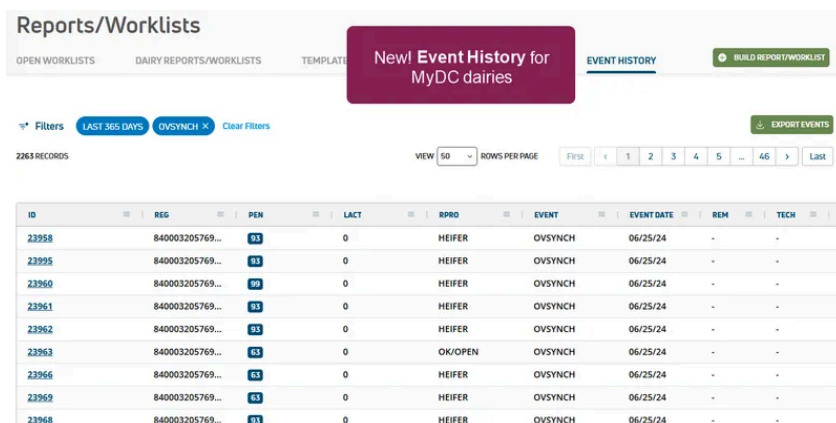
Integrations Gallery

Search:

Filters:

New! Cowfile Backup support for Integration Partners

- AgriTech Analytics for DC305** connected
Herd analytics
DairyComp customers can grant access to their DC305 backups to AgriTech Analytics.
[SEE DETAILS](#)
- Minnesota DHIA** connected
Herd analytics
DairyComp customers can grant access to their DairyComp backups to Minnesota DHIA.
[SEE DETAILS](#)
- Select Sires**
Herd analytics
Select Sires Inc. supplies farmers and ranchers with the world's best genetics, services and programs in pursuit of their mission to enhance their productivity and profitability.
[SEE ADDITIONAL DETAILS](#)



Reports/Worklists

OPEN WORKLISTS DAIRY REPORTS/WORKLISTS TEMPLATES **New! Event History for MyDC dairies** [EVENT HISTORY](#) [BUILD REPORT/WORKLIST](#)

10 Filters [LAST 365 DAYS](#) [OVSYNCH](#) [Clear Filters](#) [EXPORT EVENTS](#)

2263 RECORDS VIEW ROWS PER PAGE First < 1 2 3 4 5 ... 46 > Last

ID	REG	PEN	LACT	RPPO	EVENT	EVENT DATE	REM	TECH
23958	840003205769...	93	0	HEIFER	OVSYNCH	06/25/24	-	-
23995	840003205769...	93	0	HEIFER	OVSYNCH	06/25/24	-	-
23960	840003205769...	99	0	HEIFER	OVSYNCH	06/25/24	-	-
23961	840003205769...	93	0	HEIFER	OVSYNCH	06/25/24	-	-
23962	840003205769...	93	0	HEIFER	OVSYNCH	06/25/24	-	-
23963	840003205769...	63	0	OK/OPEN	OVSYNCH	06/25/24	-	-
23966	840003205769...	63	0	HEIFER	OVSYNCH	06/25/24	-	-
23969	840003205769...	63	0	HEIFER	OVSYNCH	06/25/24	-	-
23968	840003205769...	93	0	HEIFER	OVSYNCH	06/25/24	-	-

ENHANCEMENT **MyDC ONLY** View Event History! MyDC dairies have a new tool in their toolbox! Head over to the Event **History** option under Reports/Worklists to see the latest events entered for your dairy or to build custom reports with event-specific items. See [View Event History \(MyDC Only\)](#) to learn more.

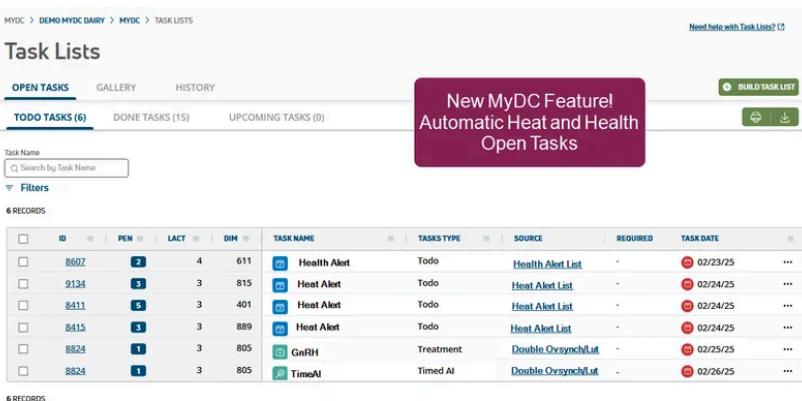
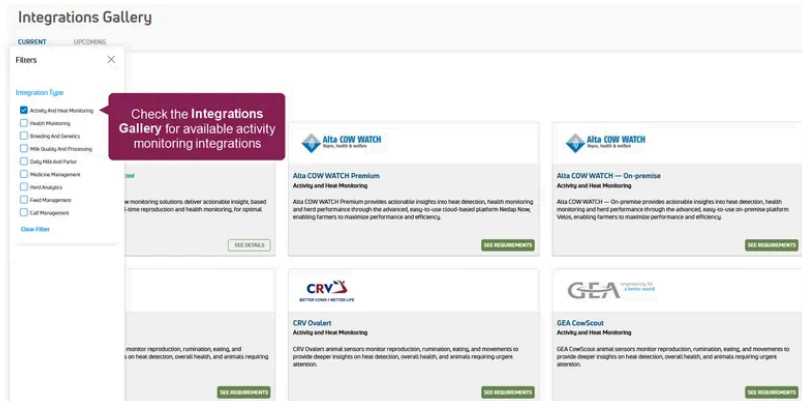
Bug Fixes

- MEASURE event not saving REM. PULSE now saves the remark entered for MEASURE events.

2.14. PULSE Update - March 2025

ENHANCEMENT Activity Monitoring Integrations are now available! We heard you loud and clear: you want to make data from your activity monitoring partner available in PULSE to support reporting and [worklist](#) activities, and VAS is excited to announce that we've added multiple activity monitoring partners to support this request!

First check the [Integrations Gallery](#) to see if your activity monitoring partner is available, and then follow the steps in [Activate Activity Monitoring Integration](#) to get started. If your activity monitoring partner is not available, check the [Upcoming Integrations](#) page or [Contact Us](#) to inquire about adding a new partner to VAS PULSE integrations.



ENHANCEMENT **MYDC ONLY** Automatic heat and health tasks! Your activity monitoring partner can now automatically send heat and health alerts to your MyDC Open Tasks list. See [Process Open Tasks \(MyDC Only\)](#) to learn more about working with your Open Tasks.

Bug Fixes

- MYDC ONLY** MEASURE event metric value fix. PULSE now handles metric height and weight values as expected. Previously, metric values were converted to imperial values and included in the remark for the event.

2.15. PULSE Update - February 2025

ENHANCEMENT Additional health monitoring data available for CattleEye and HerdVision integrations! PULSE and DairyComp now support multiple BCS and locomotion score values for data analysis and reporting purposes. Use the new previous scores to compare them to the last recorded values. See [CattleEye Items](#) or [HerdVision Items](#) to learn more about all available items!

IMPORTANT: [DC305](#) version 25.1 is required to support all [Measurement Items](#). See [Update DairyComp to the Latest Release](#) in the DairyComp 305 online help for update instructions.

Settings

GENERAL SETTINGS HEALTH SETTINGS REPRODUCTION SETTINGS

Search for a specific item

Filter by: Show Inactive Clear Filters

22 RECORDS

NAME	#	STANDARD ITEM	UPI	UPI2	TYPE	DESCRIPTION	ACTIVE
CALF2	68	CALF 2	269	4	32	Previous Identified Offspring	✓
MASTP	170	MAST	102	71	71	Dim at previous mastitis event	✓
PBCSV	421	PBCSV	101	0	32	Previous Body Condition Score	✓
PCDAT	34	PCDAT	81	2	18	Previous Conception Date	✓
PDCC	132	PDAT	PCDAT	49	49	Previous DCC	✓
PDOD	339	PDAT	381	1	1	Previous dry off code	✓
PDAT	35	PDAT	83	2	18	Previous Dry Date	✓
PDIM	57	PDIM	120	2	17	Previous Last DIM	✓
PDOPN	58	PDOPN	122	2	17	Previous Last DOPN	✓
PDUE	191	PDUE	224	2	18	Date due in previous lactation	✓
PFM	93	PFM	102	0	85	Previous Testday FCM	✓
PFDAT	33	PFDAT	79	2	18	Previous Fresh Date	✓
PLMSV	425	PLMSV	101	0	32	Previous Locomotion Score	✓
PLMLK	159	PLMLK	102	0	82	Previous Testday Milk	✓
PN	96	PN	159	1	1	Previous Pen	✓
PPOOT	36	PPOOT	85	2	18	Previous Preg/Open Date	✓
PSIRC	56	PSIRC	118	2	19	Previous Lact SIRC	✓

New previous BCS and Locomotion scores are now available!



ENHANCEMENT MYDC ONLY New BABESIOSIS and ENDOMETRITIS events! MyDC dairies have even more powerful event data entry at their fingertips. The new BABESIOSIS and ENDOMETRITIS events can be used to track these diagnoses for your animals, giving you more options for analyzing and addressing these conditions in your herd. See [BABESIOSIS Event \(MyDC only\)](#) and [ENDOMETRITIS Event \(MyDC only\)](#) to learn more about these new events!

Bug Fixes

- Pen** number fix for vet lists. We've resolved an issue where both PULSE and DC on Mobile would show pen 0 rather than the animal's actual pen on a vet list.
- MYDC ONLY** BRED Optional Details default setting update. The BRED event is now set to have Optional Details for Weight, Height, and BCS turned off by default for MyDC dairies.

2.16. PULSE Update - January 2025

ENHANCEMENT PULSE [worklists](#) now process events or status changes in the order completed. PULSE now processes worklist updates for animals in the order they are completed, and the last event or status change supersedes previous animal updates. Previously, the first event or status change for the animal took precedence. For instance, if an animal is on a vet list for a pregnancy check and is marked as [PREG](#), and is later determined to have aborted, ABORT is the final status and animal details adjust accordingly. See [Complete Tasks \(v1\)](#) or [Complete Tasks \(v2\)](#) to learn more about processing worklists from mobile, or see [Process Open Worklist in PULSE](#) for help with processing worklists in web.

Reports/Worklists

OPEN WORKLISTS DAIRY REPORTS/WORKLISTS TEMPLATE GALLERY REPORT HISTORY WORKLIST HISTORY [BUILD REPORT/WORKLIST](#)

Use Types: [All User Types](#)

Today's Lists

NAME	LIST TYPE	PROGRESS	STATUS
ZCLOS62	TODO	5/60 Animals 1%	IN PROGRESS (5 to be processed)
TESTW6L	TODO	13/162 Animals 0%	IN PROGRESS (13 to be processed)

3 month ago Lists

NAME	LIST TYPE	PROGRESS	STATUS
MWMS24	TODO	6/20 Animals 30%	IN PROGRESS (6 to be processed)
HOSP25	HOSPITAL	1/44 Animals 2%	IN PROGRESS (1 to be processed)

List for Hospital Pen 25

Integrations Gallery

CURRENT UPCOMING

Search: [Clear Filter](#)

Filters

HERDIVISION

Herdvision
Health Monitoring

HerdVision uses advanced imaging to monitor cows body condition and mobility scores.

[SEE REQUIREMENTS](#)

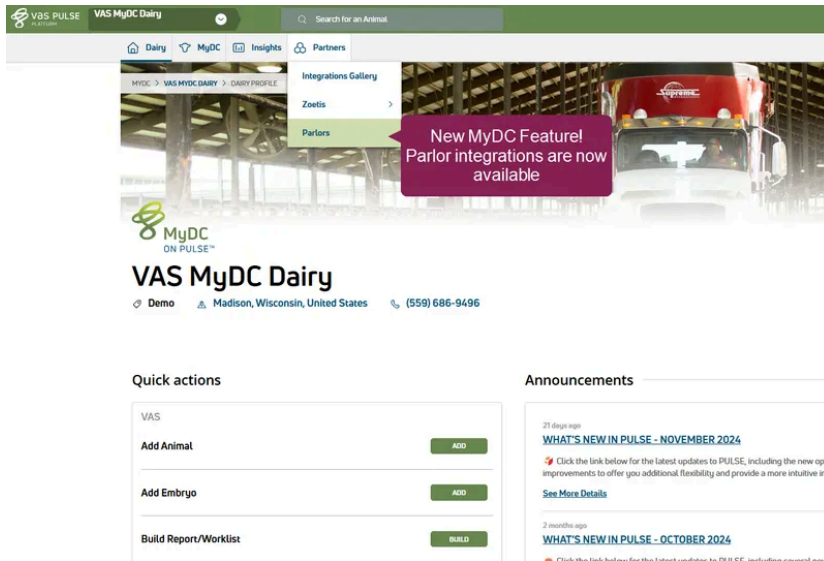
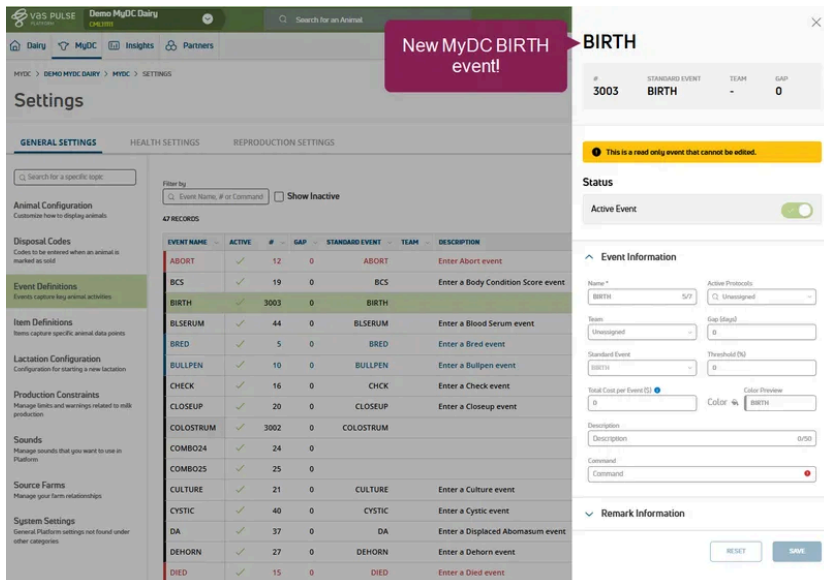
HerdVision integration is now available!

ENHANCEMENT HerdVision integration is now available! VAS is committed to partnering with other technology leaders in the dairy industry, and we are excited to announce the general availability of the HerdVision PULSE integration!

[HerdVision](#) is a versatile 2D and 3D imaging system that operates reliably in all lighting conditions and ensures continuous herd monitoring. This system integrates seamlessly with existing parlor setups or cattle races and incorporates an Electronic Identification ([EID](#)) reader to track individual cows' daily changes with unmatched accuracy. Data transmission options like WiFi, Ethernet, and 4/5G offer flexibility for farms of any scale or location. See [HerdVision Overview](#) to learn more.

NEW FEATURE **MYDC ONLY** Parlor Integrations are now available! MyDC dairies can now connect their parlor systems and have all milking session and component data available in your one-stop shop: PULSE!

Leverage the power of PULSE to track and analyze the performance of your animals, and avoid managing data in multiple systems. See [Daily Milk & Parlor](#) for more information on all available partner integrations, and [Parlors](#) to get started!

ENHANCEMENT MYDC ONLY New BIRTH event! MyDC dairies have even more powerful event data entry at their fingertips. The new BIRTH event is automatically added when calves are born as part of their dam's FRESH event. This automates the addition of new animals to your herd and simplifies how your calves' parentage is tracked. See [BIRTH Event \(MyDC only\)](#) to learn more about this new event!

ENHANCEMENT MYDC ONLY Add optional details to multiple events! We've added critical animal health data to multiple events as optional details for MyDC dairies. You can now enter an animal's height, weight, and BCS value to the following events:

- [BCS \(Body Condition Score\) Event](#)
- [BRED Event](#)
- [DRY Event](#)
- [FRESH Event](#)

- See [Edit Optional Details](#) to learn more about enabling these fields for event entry!

Click the toggle to enable Optional Details

2.17. PULSE Update - December 2024

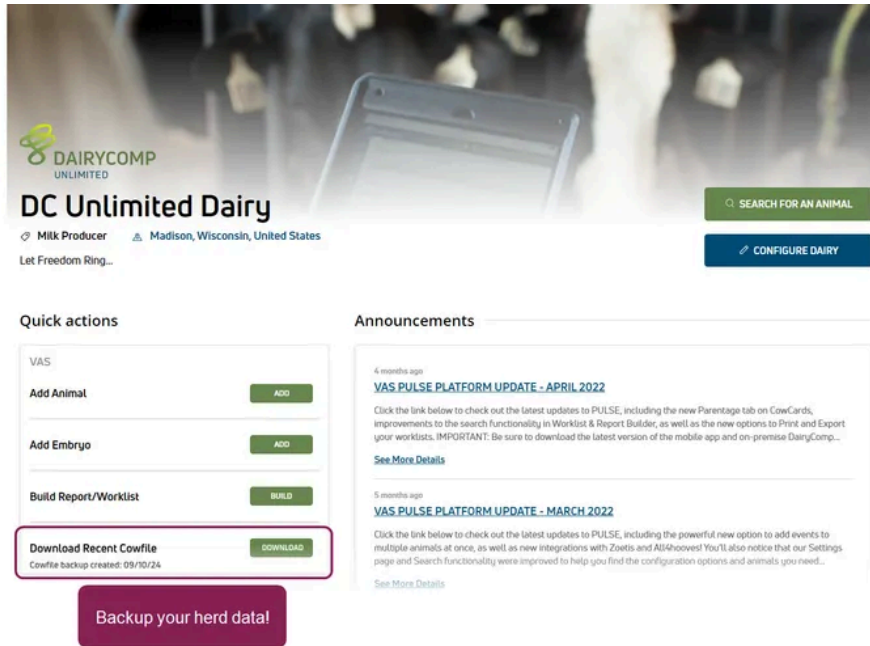
🎄 VAS is preparing several enhancements for our valued customers! Please check back in the new year for the latest updates. We wish you and yours all the best this holiday season!

Bug Fixes

- Pedigree tab fix. PULSE now supports adding a dam to a calf that was born in a previous lactation.
- SCC testday calculation issue. PULSE is now calculating SCC testday results correctly for the herd and individual animals.
- DUE issues for heifers. We have addressed an issue where heifers without a confirmed pregnancy would show DUE14 and DUE21 dates in PULSE instead of blank (null) values.
- **MYDC ONLY** FRESH event lactation issues. We have addressed unexpected issues with the FRESH event: a new lactation starts and data for FDAT, CDAT, DDAT, RPRO, DIM, DSLH, DCC, and DUE are now updated correctly. If a FRESH event is deleted, the previous lactation is restored.
- **MYDC ONLY** GSAMP expanded to 17 characters. PULSE can now handle 17 characters for genomic sample numbers.

2.18. PULSE Update - November 2024

NEW FEATURE **DC UNLIMITED ONLY** Download your latest DairyComp cowfile backup directly from your PULSE account! DC Unlimited subscribers no longer need to be on-site to backup herd data! Use the **Download Recent Cowfile** feature on your dairy's home page to download the last available cowfile cloud backup that on-premise DairyComp sent to PULSE. See [Download Recent Cowfile \(DC Unlimited only\)](#) to get started!



DC Unlimited Dairy
Milk Producer Madison, Wisconsin, United States
Let Freedom Ring...

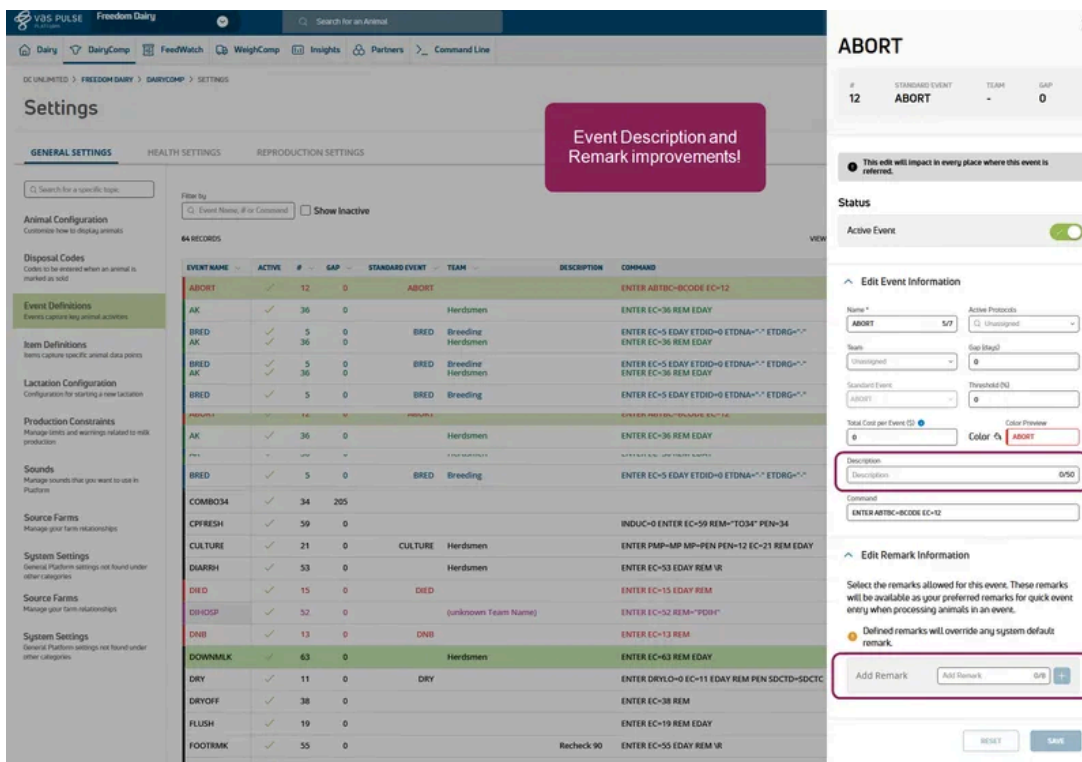
Quick actions

- VAS
- Add Animal
- Add Embryo
- Build Report/Worklist
- Download Recent Cowfile** (Cowfile backup created: 09/10/24)

Announcements

- 4 months ago
VAS PULSE PLATFORM UPDATE - APRIL 2022
Click the link below to check out the latest updates to PULSE, including the new Parentage tab on CowCards, improvements to the search functionality in Worklist & Report Builder, as well as the new options to Print and Export your worklists. IMPORTANT: Be sure to download the latest version of the mobile app and on-premise DairyComp...
- 5 months ago
VAS PULSE PLATFORM UPDATE - MARCH 2022
Click the link below to check out the latest updates to PULSE, including the powerful new option to add events to multiple animals at once, as well as new integrations with Zoetis and All4Hooves! You'll also notice that our Settings page and Search functionality were improved to help you find the configuration options and animals you need...

Backup your herd data!



Settings

GENERAL SETTINGS

- Animal Configuration
- Disposal Codes
- Event Definitions**
- Item Definitions
- Lactation Configuration
- Production Constraints
- Sounds
- Source Farms
- System Settings
- System Settings

Event Definitions

EVENT NAME	ACTIVE	#	GAP	STANDARD EVENT	TEAM	DESCRIPTION	COMMAND
ABORT	✓	12	0	ABORT			ENTER ABTRC=BCODE EC=12
AK	✓	36	0	AK	Herdsman		ENTER EC=36 REM EDAY
BRED	✓	5	0	BRED	Breeding		ENTER EC=5 EDAY ETID=0 ETDNA=ETORG=
AK	✓	36	0	AK	Herdsman		ENTER EC=36 REM EDAY
BRED	✓	5	0	BRED	Breeding		ENTER EC=5 EDAY ETID=0 ETDNA=ETORG=
AK	✓	36	0	AK	Herdsman		ENTER EC=36 REM EDAY
BRED	✓	5	0	BRED	Breeding		ENTER EC=5 EDAY ETID=0 ETDNA=ETORG=
COMBO34	✓	34	205	COMBO34			ENTER EC=34 REM EDAY
CPHRESH	✓	59	0	CPHRESH			ENTER EC=59 REM EDAY
CULTURE	✓	21	0	CULTURE	Herdsman		ENTER EC=21 REM EDAY
DIARRH	✓	53	0	DIARRH	Herdsman		ENTER EC=53 REM EDAY
DIED	✓	15	0	DIED			ENTER EC=15 REM EDAY
DIHCGSP	✓	52	0	DIHCGSP	(unknown Team Name)		ENTER EC=52 REM EDAY
DNB	✓	13	0	DNB			ENTER EC=13 REM EDAY
DOWNMLK	✓	63	0	DOWNMLK	Herdsman		ENTER EC=63 REM EDAY
DRY	✓	11	0	DRY			ENTER EC=11 REM EDAY
DRYOFF	✓	38	0	DRYOFF			ENTER EC=38 REM EDAY
FLUSH	✓	19	0	FLUSH			ENTER EC=19 REM EDAY
FOOTRANK	✓	55	0	FOOTRANK			ENTER EC=55 REM EDAY
FRESH	✓	1	0	FRESH			ENTER EC=1 REM EDAY

ABORT

12 STANDARD EVENT TEAM GAP 0

This edit will impact in every place where this event is referred.

Status

Active Event

Edit Event Information

Name* ABORT Active Protocols Unassigned

Team Unassigned Gap (days) 0

Standard Event ABORT Threshold (N) 0

Total Cost per Event (\$) 0 Color Preview ABORT

Description 050

Command ENTER ABTRC=BCODE EC=12

Edit Remark Information

Select the remarks allowed for this event. These remarks will be available as your preferred remarks for quick event entry when processing animals in an event.

Defined remarks will override any system default remark.

Add Remark Add Remark 0/5

ENHANCEMENT Event settings improvements! You now have even more flexibility when defining your events, including a longer **Description** field (up to 50 characters) and a more intuitive interface for adding a custom **Remark**. See [Event Definitions](#) to learn more about event settings!

Bug Fixes

- Bulk event entry fixes. We've squashed several bugs associated with the **Add Event in Bulk** option, including the following:
 - Event dates and calendar selection were adjusted and now include the appropriate checks and messaging.
 - Remarks now display correctly in the event side panel.
 - [BNAME](#) search is now working correctly.
 - ABORT events now show correct error messaging and apply the correct check for [ADDAT](#) and the Abort Days Ago field.
 - Animal data now displays correctly when an animal is selected in the list.
 - A negative animal [ID](#) is no longer accepted.
 - Success and failure messages and animal counts display accurately on the Summary page.
 - **MYDC ONLY** [COLOSTRUM](#) event fix. The volume of colostrum is no longer required for the MyDC COLOSTRUM event.
- **MYDC ONLY** FRESH event issues. When adding FRESH events, MyDC dairies will no longer encounter issues with multiple lactations and unexpected errors.
- **MYDC ONLY** [Task list](#) error. An unexpected error when creating Task Lists was addressed for MyDC dairies.

2.19. PULSE Update - October 2024

NEW FEATURE Add Event in Bulk is now available!

Use the new DairyComp/MyDC > Animals > Add Event in Bulk option to quickly add an event to multiple animals and adjust details on the fly! The page is designed for keyboard-only activity to speed up your data entry tasks and limit the number of mouse clicks needed. As you add animals to the event, details from the last animal are copied to the next line to make entry even faster. And, PULSE saves any draft entries if you accidentally navigate away from the page to help avoid data loss!

Check out the [video tutorial](#) for this feature or see [Quickly Add an Event to Multiple Animals](#) to learn more!

Add event in bulk

1
Select Event & Animals
2
Preview & Confirm
3
Summary

Get faster by using the ENTER key to move to the next field!

Select Event

Choose the event you are adding to the animals

OK
ENTER TO ADD EVENT TO MULTIPLE ANIMALS

Select Animals

Select the animals for the event and provide the relevant details

Select Animal *
EDDY *
09/10/2024
EDDY *
ONE
Technician
J. A. - New

Select Animal *
EDDY *
09/10/2024
EDDY *
TWO
Technician
J. A. - New

Select Animal *
EDDY *
09/10/2024
EDDY *
ONE
Technician
J. A. - New

Add animal

NEW! Use your keyboard to quickly add event details for multiple animals!

CANCEL

CONTINUE

Dairy Dashboard

DASHBOARD

DAIRY NAME

...

Bacteria Data - Powered by Ever.Ag

LAST 14 DAYS

HOME DAIRY

AWAY DAIRY

AVG AMOUNT
AVG SCC (X 1000)
AVG COLI
AVG LPC (X 100)
AVG PI
AVG SPC (X 1000)

48.817 lbs
194.924
101.00
194.50
4,944.11
3,955.11

DATE	AMOUNT (LBS)	SCC (X 1000)	COLI	LPC (X 100)	PI	SPC (X 1000)	TANK NUMBER
09/11/24	48.940	-	-	-	-	-	2
> 09/10/24	196.920	162.137	-	-	-	-	1, 2, 3
> 09/09/24	438.800	179.709	-	-	-	-	1, 2, 3
> 09/08/24	439.320	210.960	280.00	140.00	16,000.00	17,000.00	1, 2, 3
> 09/07/24	438.740	215.953	143.80	93.41	5,004.46	5,324.24	1, 2
> 09/06/24	292.620	186.638	10.00	205.05	1,998.16	1,998.16	1, 2, 3
	48.500	240.000	-	-	-	-	1
	48.820	190.000	10.00	180.00	3,000.00	3,000.00	2
	48.260	230.000	-	-	-	-	1
	48.640	60.000	-	-	-	-	2
	49.000	200.000	10.00	230.00	1,000.00	1,000.00	3
	49.400	200.000	-	-	-	-	1
> 09/05/24	490.860	187.000	50.15	247.44	2,340.88	1,670.22	1, 2, 3
> 09/04/24	341.340	179.931	10.00	150.00	2,000.00	2,000.00	1, 2, 3
> 09/03/24	442.260	185.369	59.79	243.53	2,000.00	1,996.23	1, 2, 3
> 09/02/24	487.800	194.134	10.00	139.96	10,042.48	5,338.75	1, 2, 3
> 09/01/24	388.100	202.010	130.00	450.00	4,000.00	4,000.00	1, 2, 3
> 08/31/24	439.420	193.352	36.57	179.98	6,338.15	4,669.89	1, 2, 3
> 08/30/24	290.580	231.240	499.93	300.26	3,596.60	3,501.87	1, 2, 3
> 08/29/24	341.270	195.786	50.12	105.02	2,501.95	2,000.00	1, 2, 3

UPDATED: 09/20/24 1:13 PM (15 MINUTES AGO)

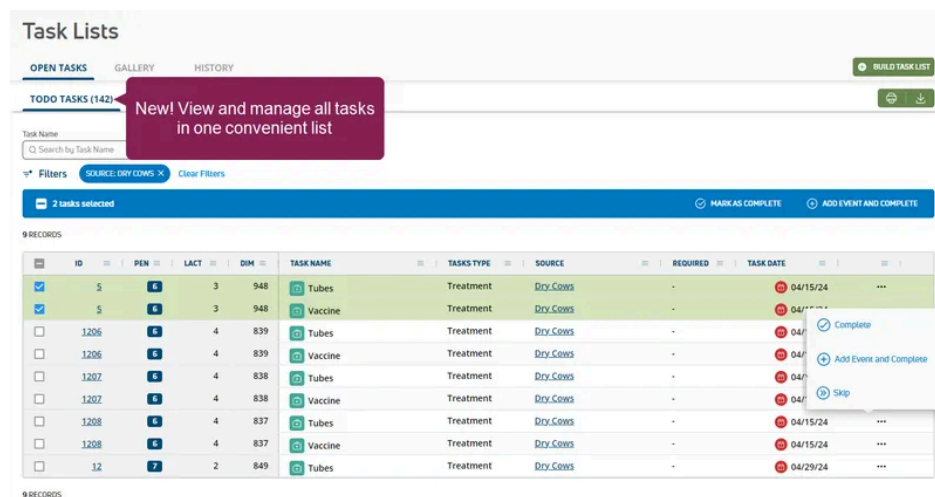
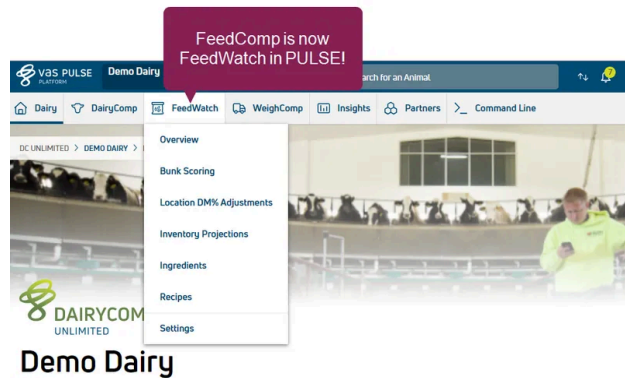
New option to export creamery data

ENHANCEMENT Export data for your creamery integrations! PULSE now offers the option to export your creamery quality and bacteria data to a CSV file for further analysis or other uses. [View Dashboards](#) to access your creamery widgets and use the new export button

to save your data. It's that easy!

See [Ever.Ag Overview](#) or [Grande Cheese Overview](#) to learn more about available creamery integrations!

ENHANCEMENT FeedWatch in PULSE. The **FeedComp** page is now FeedWatch, offering a more consistent experience across interfaces for you and your team! Haven't accessed your FeedWatch data on PULSE yet? See how PULSE enables you to access FeedWatch data on the go. See [FeedWatch](#) to learn more!



NEW FEATURE **MYDC ONLY** Task Lists are now available! MyDC dairies can now see and manage all daily animal activities on one convenient list! Use **Task Lists** to consolidate all required animal activities for the current day, including all OvSynch [protocols](#), wellness checks, and any other scheduled tasks. Use [Task Builder](#) to generate a custom task list, or choose one of your saved lists from the [Task Lists Gallery](#). [Process Open Tasks \(MyDC Only\)](#) to review and complete the open tasks on your list. Then use the [Task Lists History](#) page to view completed tasks and ensure that all tasks followed protocol.

See [Task Lists \(MyDC only\)](#) to learn more!

ENHANCEMENT **MYDC ONLY** New Event Entry for Tasks feature! MyDC dairies can now quickly add an event after completing a task! When you process the task, choose **Add Event and Complete**, and PULSE prompts you to select an event from the drop-down list and add details! Click **Save Event and Complete Task** to move the task to the Done Tasks page in your Open Tasks list.

See [Process Open Tasks \(MyDC Only\)](#) to learn more!

Task Lists

OPEN TASKS | GALLERY | HISTORY

BUILD TASK LIST

TODOS TASKS (142) | DONE TASKS (0) | UPCOMING TASKS (0)

Task Name
Search by Task Name

Filters: SOURCE: DRY COWS | Clear Filters

2 tasks selected

Add an event when you complete tasks!

ADD EVENT AND COMPLETE

ID	PEN	LACT	DIM	TASK NAME	TASKS TYPE	SOURCE	DATE	ACTION
5	6	3	948	Tubes	Treatment	Dry Cows	04/15/24	...
5	6	3	948	Vaccine	Treatment	Dry Cows	04/15/24	...
1206	6	4	839	Tubes	Treatment	Dry Cows	04/15/24	Complete
1206	6	4	839	Vaccine	Treatment	Dry Cows	04/15/24	Add Event and Complete
1207	6	4	838	Tubes	Treatment	Dry Cows	04/15/24	Skip
1207	6	4	838	Vaccine	Treatment	Dry Cows	04/15/24	...
1208	6	4	837	Tubes	Treatment	Dry Cows	04/15/24	...
1208	6	4	837	Vaccine	Treatment	Dry Cows	04/15/24	...
12	7	2	849	Tubes	Treatment	Dry Cows	04/29/24	...

9 RECORDS



NEW FEATURE **MYDC ONLY** New **COLOSTRUM** event. MyDC customers spoke and VAS listened! Making sure newborn calves receive a high-quality colostrum or **replacer** is one of the most critical activities that support the long-term health and well-being of your herd. We added the COLOSTRUM event to make capturing and tracking your colostrum activities easier and more consistent. See [COLOSTRUM Event \(MyDC only\)](#) to learn more!

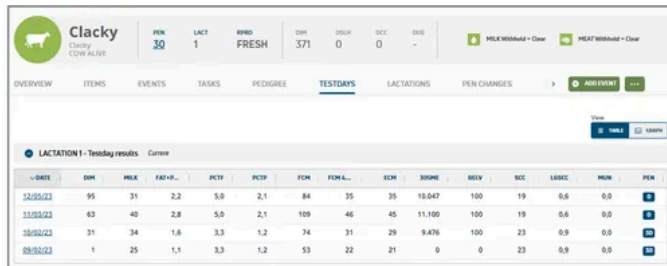
Bug Fixes

- Zoetis import failure. We resolved an issue with Zoetis submissions showing as successful when they actually failed.
- Nedap CowCard widget error. We addressed an unexpected error with Nedap Heat Detection and Health and Management CowCard widgets.
- Add Event in Bulk **BNAME** search fix. BNAME search now works as expected for this new feature.
- **MYDC ONLY** Last **Preg**/Open date fix. **PODAT** now updates correctly for PREG events for MyDC dairies.

2.20. PULSE Update - September 2024

ENHANCEMENT New! PULSE estimates weekly milk totals. PULSE now calculates estimated weekly milk totals based on your monthly testday data. You can view the **Weekly Milk Production by Lactation** graph on the [Lactations](#) tab of your animals.

NOTE: If you have a parlor integration configured to capture [Daily Milk](#) data, your graph will continue to show **actual** weekly milk totals.



Clacky COW ALIVE

PEN 30 LACT 1 BPRD FRESH DIM 371 DRY 0 SCC 0 DUE -

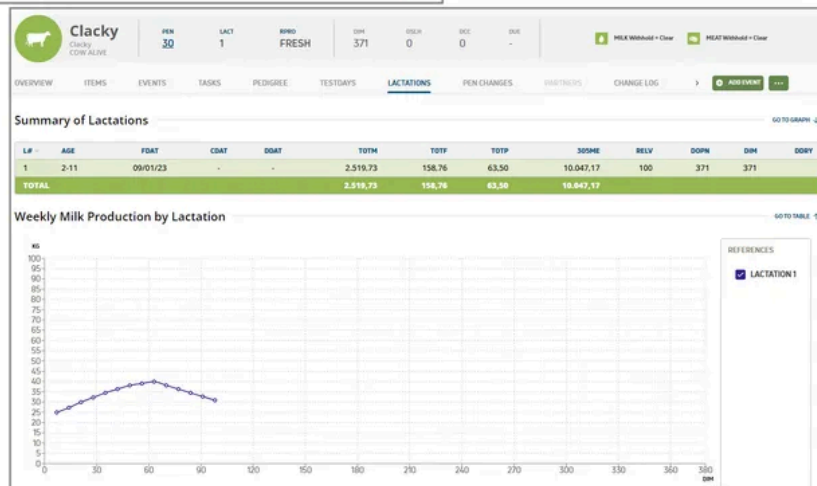
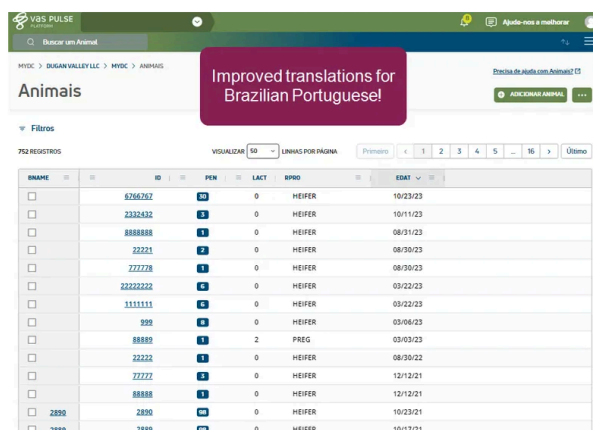
MILK Withhold + Clear MEAT Withhold + Clear

OVERVIEW ITEMS EVENTS TASKS PEDIGREE TESTDAYS LACTATIONS PEN CHANGES ADD EVENT

LACTATION 1 - Testday results Current

DATE	DIM	MILK	FAT+P...	PCPT	PCPT	FCM	FCM L...	ECM	SCOME	RELV	SCC	LOGSC	HEW	PEN
12/05/23	95	31	2.2	5.0	2.1	84	35	35	10.047	100	19	0.6	0.0	3
11/03/23	63	40	2.8	5.0	2.1	109	46	46	11.100	100	19	0.6	0.0	2
10/02/23	31	34	1.8	3.3	1.2	74	31	29	9.476	100	23	0.9	0.0	2
09/02/23	1	25	1.1	3.3	1.2	53	22	21	0	0	23	0.9	0.0	2

New! PULSE calculates weekly milk totals based on testday data

VBS PULSE

Animais

752 REGISTROS

Visualizar 50 LINHAS POR PAGINA

SELEC	NAME	ID	PEN	LACT	BPRD	EDAT
☐	6766767	30	0	HEIFER	10/23/23	
☐	232432	3	0	HEIFER	10/11/23	
☐	8888888	1	0	HEIFER	08/31/23	
☐	22221	2	0	HEIFER	08/30/23	
☐	272728	1	0	HEIFER	08/30/23	
☐	2222222	4	0	HEIFER	03/22/23	
☐	1111111	6	0	HEIFER	03/22/23	
☐	999	8	0	HEIFER	03/04/23	
☐	88880	1	2	PREG	03/03/23	
☐	22222	1	0	HEIFER	08/30/22	
☐	27272	3	0	HEIFER	12/12/21	
☐	88888	1	0	HEIFER	12/12/21	
☐	2890	28	0	HEIFER	10/23/21	
☐	2889	28	0	HEIFER	10/17/21	

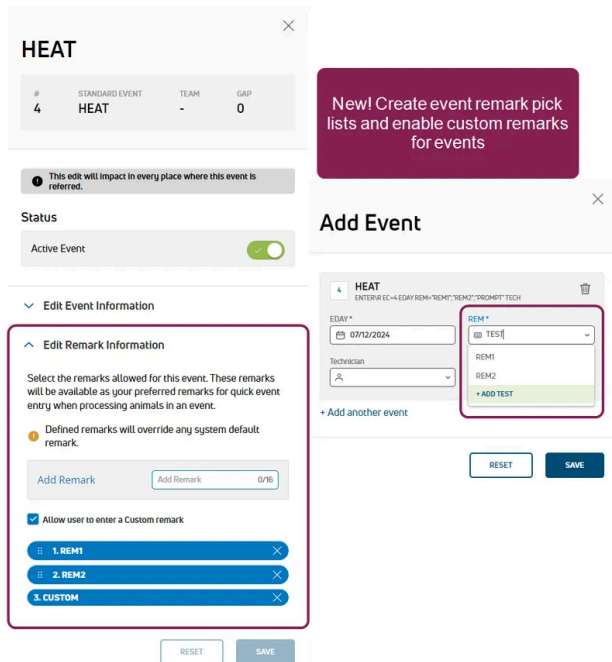
ENHANCEMENT Improved Brazilian Portuguese translations. We are continuing to work with our regional experts in Brazil to improve the user interface and terminology in PULSE! If you encounter a translation that doesn't seem quite right, please share it with VAS using the [Help Us Improve!](#) form.

Bug Fixes

-
- Zoetis samples with duplicate sample numbers import failure. We identified an issue where PULSE would try to import Zoetis samples even if the samples had duplicate numbers. The import would fail. PULSE now shows an error message if you attempt to import duplicate sample numbers.
 - Errors while editing existing reports or [worklists](#). PULSE now allows you to edit existing reports or worklists without errors.

2.21. PULSE Update - August 2024

NEW FEATURE Create event remark pick lists and enable custom remarks for events! When editing [Event Definitions](#) in PULSE, you can now create event remark pick lists and enable custom remarks. This new functionality allows technicians to select a remark from your pre-defined list when adding an event, or they can enter a custom remark if you choose to allow it.



HEAT

#	STANDARD EVENT	TEAM	GAP
4	HEAT	-	0

This edit will impact in every place where this event is referred.

Status: Active Event ☒

▼ Edit Event Information

^ Edit Remark Information

Select the remarks allowed for this event. These remarks will be available as your preferred remarks for quick event entry when processing animals in an event.

Defined remarks will override any system default remark.

Add Remark: 0/16

☒ Allow user to enter a Custom remark

- 1. REM1
- 2. REM2
- 3. CUSTOM

RESET SAVE

Add Event

HEAT
ENTER OR EC-4 EDAY REM-1 REM-2 REM-3 PROMPT TECH

EDAY*

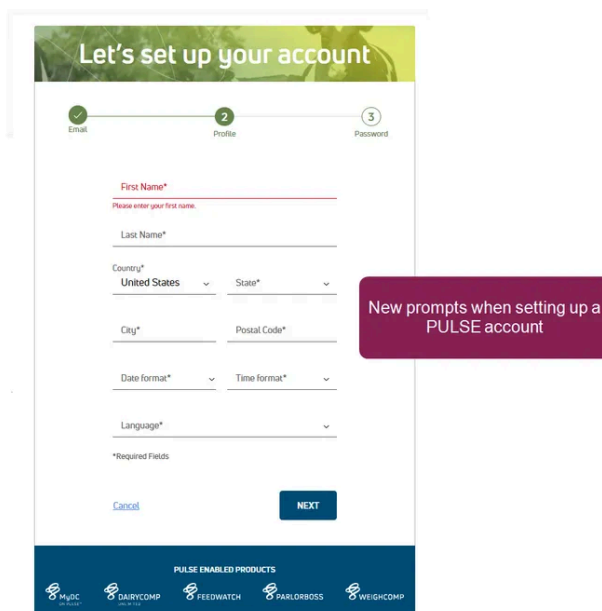
Technician

REM*

REM1
REM2
+ ADD TEST

+ Add another event

RESET SAVE



Let's set up your account

1 Email 2 Profile 3 Password

First Name*

Please enter your first name.

Last Name*

Country* State*

City* Postal Code*

Date format* Time format*

Language*

*Required Fields

Cancel NEXT

PULSE ENABLED PRODUCTS

MAGIC DAIRYCOMP FEEDWATCH PABLOBOSS WEIGHCOMP

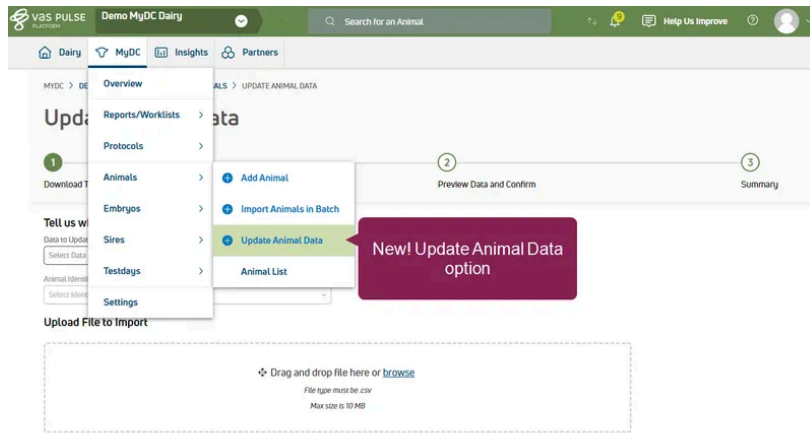
New prompts when setting up a PULSE account

ENHANCEMENT New users are automatically prompted to enter their preferred account settings. When a user creates a PULSE account, the system automatically prompts them to set their preferred measurement units (imperial or metric), date/time format, and language. This is a usability improvement, as new users won't need to navigate to [Account Settings](#) manually.

Bug Fixes

- Wrong field label for ABORT event. The [REM](#) label now shows as expected on the ABORT event entry page.
- BNAME and REG now accept alpha characters. PULSE now accepts alpha characters for an animal's [BNAME](#) or [REG](#) number (for country code).
- EXPCALF fix. The EXPCALF item now displays correctly in reports and worklists.
- **MYDC ONLY** SSF export fix. If applicable, multiple events for the same animal are correctly exported. Previously, PULSE limited the export to a single recent event per animal.

2.22. PULSE Update - July 2024

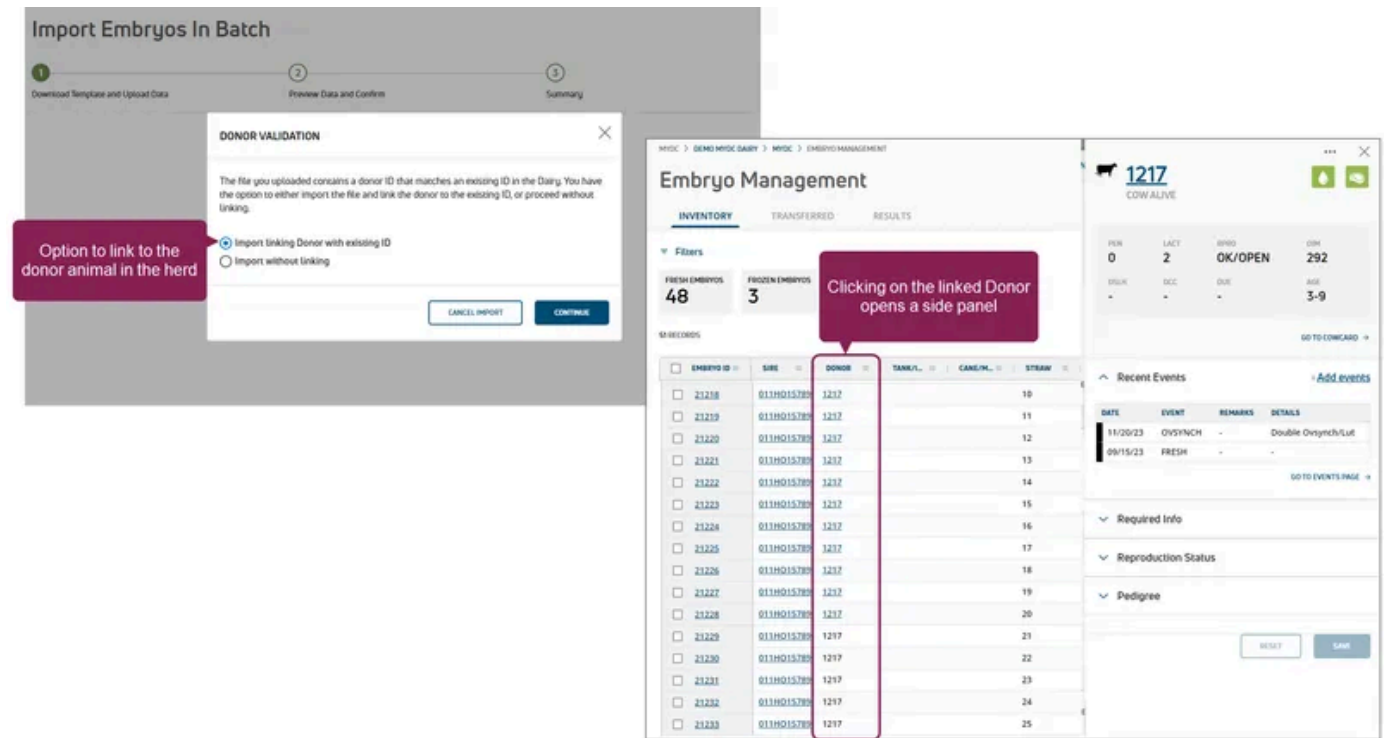


NEW FEATURE Import sire, maternal pedigree, animal identification, and genomic data from a CSV! The new Platform **Update Animal Data** feature offers the ability to import sire mating, maternal pedigree, animal identification, and genomic data using a CSV file from any provider. This additional flexibility extends the power of Platform herd management capabilities for reporting and tracking purposes and helps you leverage critical animal data from multiple sources.

See [Update Animal Data](#) to learn more, or watch the [Update Animal Data tutorial video](#) to walk through the process!

ENHANCEMENT Embryo data entry improvements and Link to Donor added! The Embryo Management feature includes multiple improvements:

- If the donor for the embryo is in the herd, you have the option to link to the donor animal for quick and convenient access! After the embryo is imported, click the Donor link to view the animal's details in a side panel without having to leave the Embryo Management page.
- When adding embryos in batch, the template file now shows an error if the grade is outside the expected 1-4 range.
- PULSE now limits the number of fresh or frozen embryos to 2000 in a single load to avoid potential data entry errors. See [Add Embryos to Inventory or Transferred Embryos](#) to learn more about adding embryos!



Import Embryos In Batch

1 Download Template and Upload Data | 2 Preview Data and Confirm | 3 Summary

DONOR VALIDATION

The file you uploaded contains a donor ID that matches an existing ID in the Data. You have the option to either import the file and link the donor to the existing ID, or proceed without linking.

Option to link to the donor animal in the herd

☒ Import linking Donor with existing ID
☐ Import without linking

CANCEL IMPORT CONTINUE

Embryo Management

INVENTORY TRANSFERRED RESULTS

FRESH EMBRYOS 48 FROZEN EMBRYOS 3

Clicking on the linked Donor opens a side panel

EMBRYO ID	SIRE	DONOR	TANK/L	CAN/OK	STRAW
21218	011HO15780	1212			10
21219	011HO15780	1212			11
21220	011HO15780	1212			12
21221	011HO15780	1212			13
21222	011HO15780	1212			14
21223	011HO15780	1212			15
21224	011HO15780	1212			16
21225	011HO15780	1212			17
21226	011HO15780	1212			18
21227	011HO15780	1212			19
21228	011HO15780	1212			20
21229	011HO15780	1217			21
21230	011HO15780	1217			22
21231	011HO15780	1217			23
21232	011HO15780	1217			24
21233	011HO15780	1217			25

Recent Events

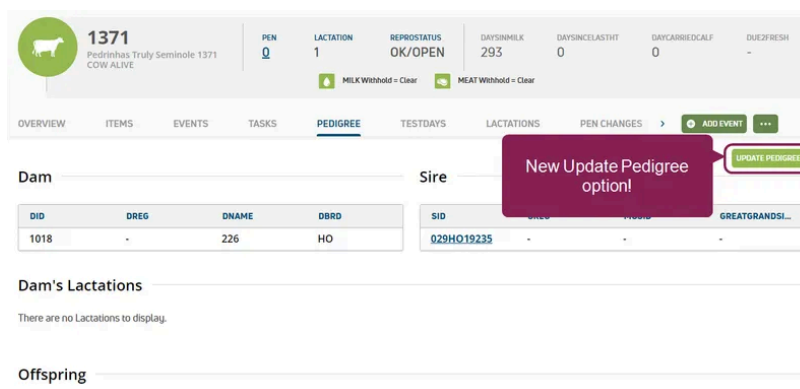
DATE	EVENT	REMARKS	DETAILS
11/20/23	OVSYNCH	-	Double Ovysynch/Lu
09/15/23	FRESH	-	

Required Info

Reproduction Status

Pedigree

RESET SAVE



1371
Pedrinhas Truly Seminole 1371
COW ALIVE

PEN 0 LACTATION 1 DEPROSTATUS OK/OPEN DAYSINMILK 293 DAYSINCELASTHT 0 DAYCARRIEDCALF 0 DUE2FRESH -

MILK Withhold - Clear MEAT Withhold - Clear

OVERVIEW ITEMS EVENTS TASKS **PEDIGREE** TESTDAYS LACTATIONS PEN CHANGES ADD EVENT

Dam **Sire**

DID	DREG	DNAME	DBRD	SID	SDREG	SDNAME	SDBRD	GREATGRANDSI...
1018	-	226	HO	029HO19235	-	-	-	-

Dam's Lactations

There are no Lactations to display.

Offspring

New Update Pedigree option!

UPDATE PEDIGREE

ENHANCEMENT Update sire details from the Pedigree tab on the CowCard! Use the new **Update Pedigree** button to update an animal's maternal grandsire and great grandsire from the CowCard Pedigree tab. This enhancement makes it easy to keep your herd's genetic data accurate! See [Update Pedigree](#) to learn more.

ENHANCEMENT Multiple Reproduction Insights improvements! Reproduction Insights were enhanced to include the following:

- All pages now include an **Animal Breed** filter
- The [Conception Rate](#) page was updated to add a **Semen Type** parameter
- The [Missed Breedings](#) page now includes a **DIM** filter

Reproduction Insights

COWS HEIFERS

OVERVIEW CONCEPTION RATE PREGNANCY RISK TIME OF FIRST BREEDING MISSED BREEDINGS

Filters

Time Interval
Last 365 Days

The selected interval starts at 05-30-2023 and ends at 05-29-2024

Animal Breed
All Breeds

New! Animal Breed filter

Pregnancy Risk

0%
LAST 365 DAYS
LOWER LIMIT UPPER LIMIT

Missed Breedings - Animal Count

49
CURRENT VALUE
LOWER LIMIT UPPER LIMIT

Reproduction Insights

COWS HEIFERS

OVERVIEW **CONCEPTION RATE** PREGNANCY RISK TIME OF FIRST BREEDING MISSED BREEDINGS [EXPORT AS CSV](#)

Filters FROM 05/30/2023 TO 05/29/2024

Conception Rate by Semen Type

SEMEN TYPES CONCEPTION RATE CONFIDENCE INTERVAL

1 TOTAL - OVERALL - OVERALL

REFERENCES [CONCEPTION RATE](#) [95% CONFIDENCE INTERVAL](#) [OVERALL CONCEPTION RATE](#)

CONCEPTION RATE (%)

New! Semen Type parameter

Parameter
Semen Type
Start Code
Breeding Code
Breed
Month
Breeding Cycle
Heat Interval
Week Day
Times Bred
Start
Semen Type

Reproduction Insights

COWS HEIFERS

OVERVIEW CONCEPTION RATE PREGNANCY RISK TIME OF FIRST BREEDING **MISSED BREEDINGS** [EXPORT AS CSV](#)

Filters

Animal Breed
All Breeds

Lactation Group
All Lactation Groups

Days in Milk Greater Than
30

New! Days in Milk filter

PEN	LACTATION	DIM	FDAT
1	2	1143	05/16/2021
1	2	642	09/30/2022
1	3	279	09/28/2023
1	2	502	02/17/2023

Settings

GENERAL SETTINGS HEALTH SETTINGS REPRODUCTION SETTINGS

Q Search for a specific topic

Animal Configuration
Customize how to display animals

Disposal Codes
Codes to be entered when an animal is marked as sold

Event Definitions
Events capture key animal activities

Item Definitions
Items capture specific animal data points

Lactation Configuration
Configuration for starting a new lactation

New! ONOV item

NAME	STANDARD ITEM	DESCRIPTION	ACTIVE
ONOV	145	ONOV Enrolled on Reproduction Protocol	✓

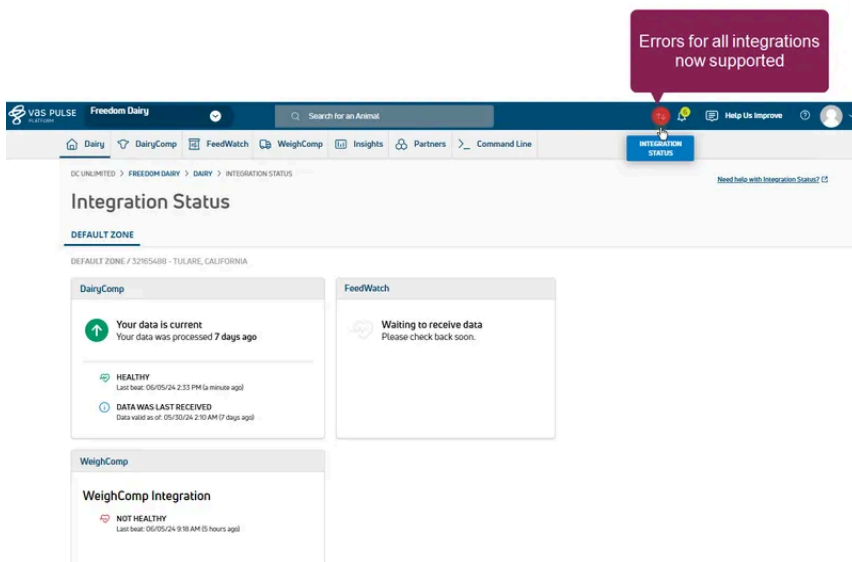
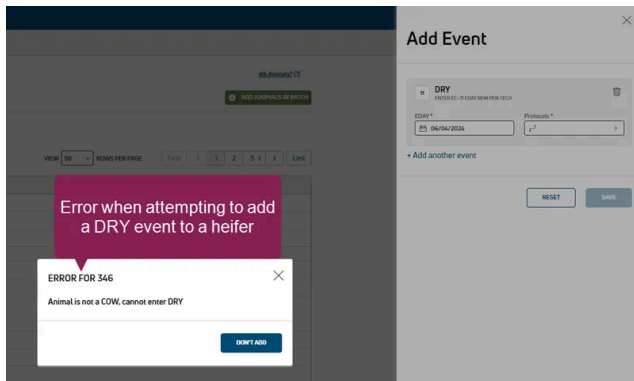
MYDC ONLY **ENHANCEMENT** New item for OvSynch! MyDC dairies have a new item, ONOV, which can be used for animals enrolled in an OvSynch [Protocol](#).

Bug Fixes

- Command Line fix for metric units. PULSE Command Line now understands commands if your user account is set to metric units.
- Reproduction Insights date fix. The [Pregnancy Risk](#) page now shows dates in the correct format.
- Integration toggle fix. The Connection Active toggle stays turned on for connected integrations.
- [Pen](#) capacity fix. The tip that provides pen capacity percentage details on the Pens List was fixed and is now easier to read.

2.23. PULSE Update - June 2024

ENHANCEMENT Data entry improvement: DRY events can no longer be added to heifers. PULSE now limits the events you can add for heifers and keeps you from accidentally adding DRY events to the wrong animals. This extra sanity check supports more accurate event data entry for you and your team!



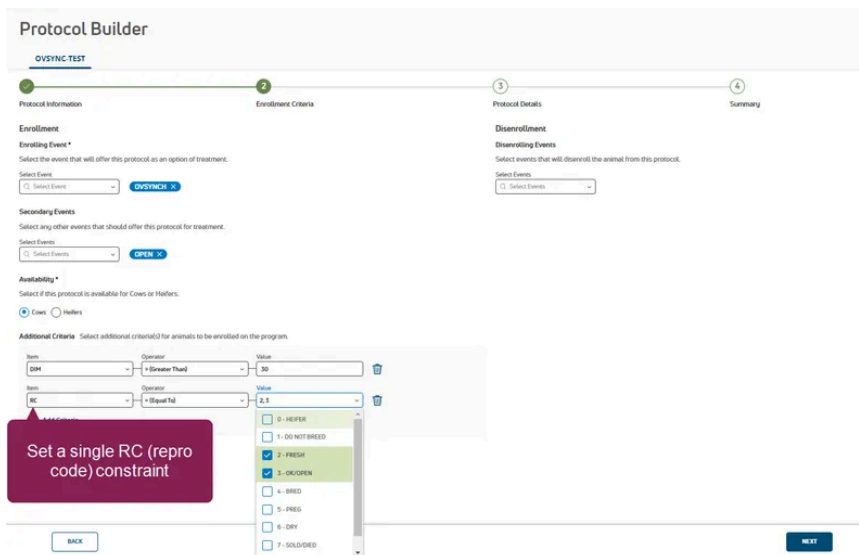
ENHANCEMENT Integration Status now shows errors for all on-premise products! The Integration Status icon now reflects the connection details for all your integrated products. PULSE previously only indicated if your [DC305](#) connection was interrupted. See [Integration Status](#) to learn more!

Bug Fixes

- Integration Status error message clarification. PULSE status messages are now clearer and provide more information on when your data was last sent from your on-premise products and when PULSE last processed the data. See [Integration Status](#) to learn more!
- fix for edited events. If you added an event in a vet list and then edited the event, the event code was not being sent to DairyComp. This is no longer an issue.
- Animals page filter fix. If you set filters on your Animals list, click into an animal's CowCard, and then return to the list, the filter labels are cleared as expected.
- Technician users fix. All PULSE users associated with a technician account now display as expected.

- Multiple animal errors. PULSE now displays more comprehensive error messages if multiple problems are encountered during event entry.
- **MYDC ONLY** OvSynch [Protocol](#) Builder now limits repro codes to a single constraint. When defining a new OvSynch protocol, PULSE now supports only one [RC](#) constraint. Rather than setting multiple RC constraints, you can select more than one RC value during setup. Having a single constraint makes the protocol setup more intuitive and supports best practices for defining RC requirements.

See [Step 1: Define an OvSynch Protocol](#) to learn more about setting protocol constraints.



Protocol Builder

OVSYNCH TEST

1 Protocol Information 2 Enrollment Criteria 3 Protocol Details 4 Summary

Enrollment

Enrolling Event *
Select the event that will offer this protocol as an option of treatment.
Select Event: **OVSYNCH**

Secondary Events
Select any other events that should offer this protocol for treatment.
Select Events: **OPEN**

Availability *
Select if this protocol is available for Cows or Heifers.
☒ Cows ☐ Heifers

Additional Criteria Select additional criteria for animals to be enrolled on the program.

Item	Operator	Value
DM	> Greater Than	30
RC	> Equal To	2,3

Set a single RC (repro code) constraint

RC Options:

- ☐ 0 - HEIFER
- ☐ 1 - DO NOT BREED
- ☒ 2 - FRESH
- ☒ 3 - OPEN
- ☐ 4 - BREED
- ☐ 5 - PREG
- ☐ 6 - DRY
- ☐ 7 - SOLD/DEED

BACK **NEXT**

- **MYDC ONLY** SOLD event delete item reset fix. When you delete a SOLD event, PULSE now correctly sets the animal's repro code and archive date.
- **MYDC ONLY** ABORT event delete fixes. Two issues were fixed related to deleting ABORT events:
 - For cows missing a Fresh Date and continuing the lactation, the system no longer deletes the whole lactation.
 - When an ABORT is entered on a heifer, you can now delete the event if needed.
- **MYDC ONLY** MEASURE event fix. Item data now displays correctly for MEASURE events.

2.24. What's New in All PULSE Products?

Select a PULSE product below to learn about the new features, enhancements, and bug fixes in the latest release!

[What's New in PULSE?](#)



[PULSE](#)

[What's New in WeighComp?](#)



[WeighComp](#)

[What's New in DC on Mobile?](#)



[DC on Mobile](#)

[What's New in FeedComp?](#)



3. Know Your VAS PULSE Version

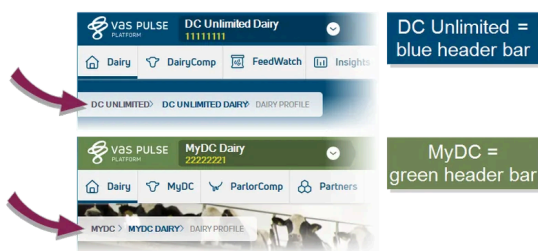
PULSE — the world's most trusted dairy herd management solution — is available in two versions: DC Unlimited and MyDC. Though both versions include the ability to access your data from any current device with a web browser, there are some differences you should know to make the most of your PULSE.

DairyComp (DC) Unlimited includes on-premise **DairyComp**, **PULSE**, and the **DC on Mobile app**. With DC Unlimited, all herd data remains synchronized between on-premise DairyComp and PULSE. You can review all DairyComp data in PULSE, as well as make changes and generate reports in PULSE and the DC on Mobile app, while also using the mobile app for cow-side tasks. With DC Unlimited, you also have access to our full list of partner-product integrations, dashboard widgets, and additional reporting options at no additional cost.

MyDC includes **PULSE** and the **DC on Mobile app**. Data entry and retrieval are performed entirely through PULSE using a web browser or the mobile app. MyDC offers a powerful solution at a lower per-animal cost and can be integrated with VAS WeighComp and FeedWatch software. You also have a suite of structured reports and partner-product integrations available through PULSE.

How do I know which PULSE version I'm using?

Check the top of your Platform page to see if your dairy has DC Unlimited or MyDC.



You can also identify your PULSE version in the following ways:

- The breadcrumb path at the top left of each page shows "DC UNLIMITED" for DC Unlimited subscribers and "MYDC" for MyDC subscribers.
- The [Home \(Dairy Profile\)](#) page shows "DairyComp Unlimited" for DC Unlimited subscribers and "MyDC on PULSE" for MyDC subscribers.
- The name of the DairyComp/MyDC button on the menu bar is "DairyComp" for DC Unlimited subscribers and "MyDC" for MyDC subscribers.
- Some pages, such as [Change Log](#) and [Dairy Dashboards](#), show "DairyComp" for DC Unlimited subscribers and "MyDC" for MyDC subscribers in page, tab, or subtab names.

4. DairyComp Unlimited (DCU)

DairyComp (DC) Unlimited includes on-premise **DairyComp**, **PULSE**, and the **DC on Mobile app**. With DC Unlimited, all herd data remains synchronized between on-premise DairyComp and PULSE. You can review all DairyComp data in PULSE, as well as make changes and generate reports in PULSE and the DC on Mobile app, while also using the mobile app for cow-side tasks. With DC Unlimited, you also have access to our full list of partner-product integrations, dashboard widgets, and additional reporting options at no additional cost.

You can use PULSE on any web browser or on the mobile app from any Android or iOS device. Review the information below to get started, and refer to the remaining online help topics when using PULSE to manage your herd.

- [New to herd management software?](#)
- [Sign Up](#)
- [Log in](#)
- [Install the Mobile App](#)
- [Request Access to a Dairy](#)
- [Accept or Decline a User Connection Request](#)
- [Invite a User to Your Dairy](#)

TIP: Done with everything here? See [Common Tasks](#) for the next steps, and [Manage Your Herd](#) for full instructions on using DC Unlimited in PULSE.

Related Topics

- [Dashboard](#)
- [Features and Icons](#)
- [Frequently Asked Questions \(FAQs\)](#)
- [Navigate PULSE](#)
- [Tips for Using PULSE](#)
- [User Management](#)
- [Manage Your Dairy and Company](#)
- [DC on Mobile](#)

4.1. New to herd management software?

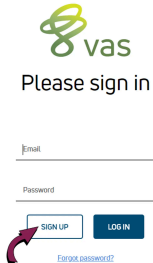
We appreciate that you chose PULSE to manage your herd! Expand the topics below to become familiar with the concepts of herd management:

- ✓ **CowCards & Items**
- ✓ **Adding Animal Events**
- ✓ **What are Reports and Worklists?**
- ✓ **What's the Difference Between Reports and Worklists?**

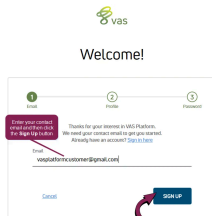
4.2. Sign Up

Before you can use PULSE, you must first sign up for an account. If you have already been directed to a login screen and clicked the **Sign Up** button, you can start at Step 2 below.

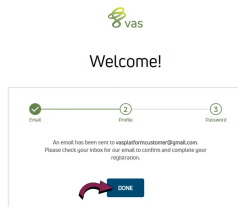
1. Go to <https://platform.vas.com/login>, and click the **Sign Up** button.



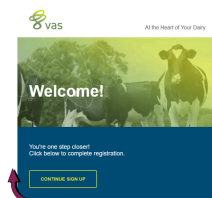
2. Enter your contact email and click the next **Sign Up** button.



At this point, PULSE sends a welcome email to the address you entered. Click the **Done** button to continue.



3. Check your email for a message entitled **Welcome to PULSE**.
4. Open the email and click the **Continue Sign Up** button.



You will be directed back to the account set-up screen, where you can finish entering your user profile details and set your password.



After you click the **Save Password** button, the system displays a message confirming that your account is now ready to use.



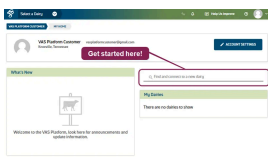
All Set!

Your account was successfully created.
Click below to see the End-User Subscription Agreement and Privacy Policy, and start using VAS Platform.



5. Click **Continue** to review and accept PULSE End User Subscription Agreement (EUSA) and Privacy Policy. Once you accept the agreements, you can begin using PULSE.

You may not see much the first time you log in because you must have access to at least one dairy to use PULSE. You can use the search field to find and connect to a new dairy.



✓ Related Topics

4.3. Log in

If this is the **first time** you're using PULSE, you'll be required to [sign up for an account](#).

You can then log in to PULSE at <https://platform.vas.com/login>.

Check the **Remember Me** option to save the last user email entered. This feature does not save your password.

NOTE: The "auto sign-in" settings in your browser will override the system's **Remember Me** option. If the Remember Me checkbox appears to have no effect on retaining or dismissing your email address, check to see whether your browser auto sign-in is enabled or disabled.

4.4. Install the Mobile App

The mobile app offers many of the same features as the web version and can be used on Android and Apple iOS devices. Review the [Minimum Requirements](#) on the VAS website before installing the mobile app on iOS and Android devices. Visit Google Play or the app store on your device to download and install the app.



Once you install the app, you can set your device to download and install future updates automatically. See the topics below to learn more:

- [Install or Update DC on Mobile](#)
- [Update VAS Platform Mobile App](#)
- [Mobile Apps](#)

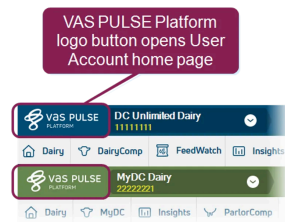
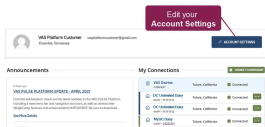
✓ Related Topics

4.5. Request Access to a Dairy

The Platform currently allows you to request access to dairies but **not** to companies. To access company features, a member of the company must invite you to connect with it. See [Invite a User to Your Dairy](#) for more information.

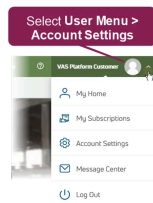
To connect to a new dairy, follow these steps:

1. If you're not already on your **Account Settings** page, click PULSE logo button in the top left corner of the window, and click the **Account Settings** button to the far right of your User Account home page.

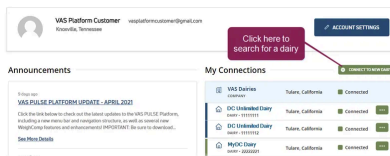


OR

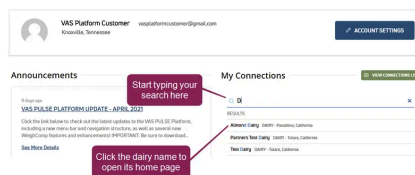
Select **Account Settings** from the [User Menu](#) in the top right corner of the page.



2. Click the **Connect to New Dairy** button on the top right of the **My Connections** list to locate the dairy you want to access.

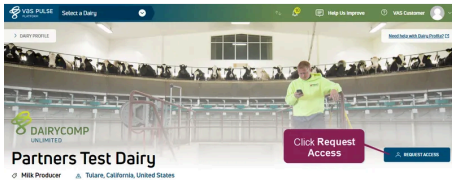


3. As you start typing, all matches are displayed. Select a dairy from the list.



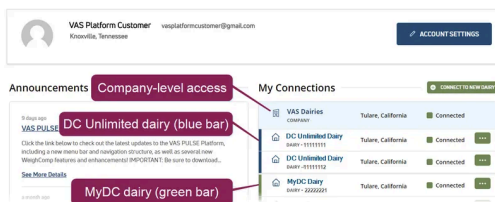
You will be directed to PULSE home page of the dairy you selected (see example below).

4. Click the **Request Access** button.



At this point, the system emails a request to all users at that dairy who are assigned to the **Owner** role. Any of those users can then grant you access to the dairy. You will receive an email notification when your request has been accepted. For more information on the Owner role, see [Manage Dairy Users and Roles](#).

After you are connected to a dairy, it displays in your **My Connections** list with a colored bar to indicate if the dairy is equipped with DC Unlimited or MyDC. If you have company-level access, your connected dairies are listed below the company name.



4.6. Accept or Decline a User Connection Request

✓ Required Permissions

When users request to connect with your dairy, PULSE adds their request to the Dairy [User Management](#) page.



Any member of your dairy who has User Management permissions can accept or decline a connection request. You can find this feature under the [Dairy menu](#).

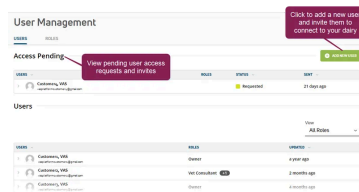
Follow the steps below to continue:

1. In the **Access Pending** list on the **Users** tab, expand the user who requested to connect with the dairy.
2. Click the **Accept** or **Decline** buttons at the bottom of the expanded row.
PULSE sends the user an email to confirm that their request has either been accepted or declined. If accepted, the user can then log into PULSE and view all data for the dairy to which they are now connected.

4.7. Invite a User to Your Dairy

✓ Required Permissions

The User Management feature allows you to add new users and invite them to PULSE, to your company, and to your dairies. This topic explains how to add and invite users to your dairy.



You can find this feature under the [Dairy menu](#). If you need to invite a user to your company, see [Add and Invite a New User to Your Company](#).

1. Click the **Add New User** button at the top right side of the **Users** tab.

If you are connected to more than one dairy, be aware that new users are added and invited to the dairy currently selected.

2. Enter the user's **Email** address.

If a PULSE account already exists for the email address entered, a message is displayed. Click the link in the message to preview the user account for the email address entered.

3. In the **Roles** list, check the boxes to select the roles to assign to the user's account.

The roles selected control how much or how little a user can do with the data in PULSE. You can edit role assignments at any time; see [Edit Dairy User Permissions](#) for more information. Each role checked is displayed in the **Roles Assigned** list. You can click the **X** on the right side of a role to unassign it.

4. Click the **Invite User** button at the bottom right side of the page.

PULSE sends the user an invitation email, which they can then use to create a PULSE account (if they don't already have one). If they already have a PULSE account, they will be able to access your dairy once they accept your invitation.

5. MyDC

MyDC includes **PULSE** and the **DC on Mobile** app. Data entry and retrieval are performed entirely through PULSE using a web browser or the mobile app. MyDC offers a powerful solution at a lower per-animal cost and can be integrated with VAS WeighComp and FeedWatch software. You also have a suite of structured reports and partner-product integrations available through PULSE.

To get started quickly with MyDC, follow the steps below.

- ✓ **Step 1: Log in on web & mobile**
- ✓ **Step 2: Get started with MyDC!**
- ✓ **Step 3: Check your settings**
- ✓ **Step 4: Look up your animals**
- ✓ **You're all set! Now put PULSE to work for you!**

For MyDC support, you can reach us by phone, email, text, or chat. Contact [VAS Support](#) for more details.

Share your feedback anytime! Click **Help Us Improve** and use the brief form to send your feedback to VAS.

6. Using PULSE

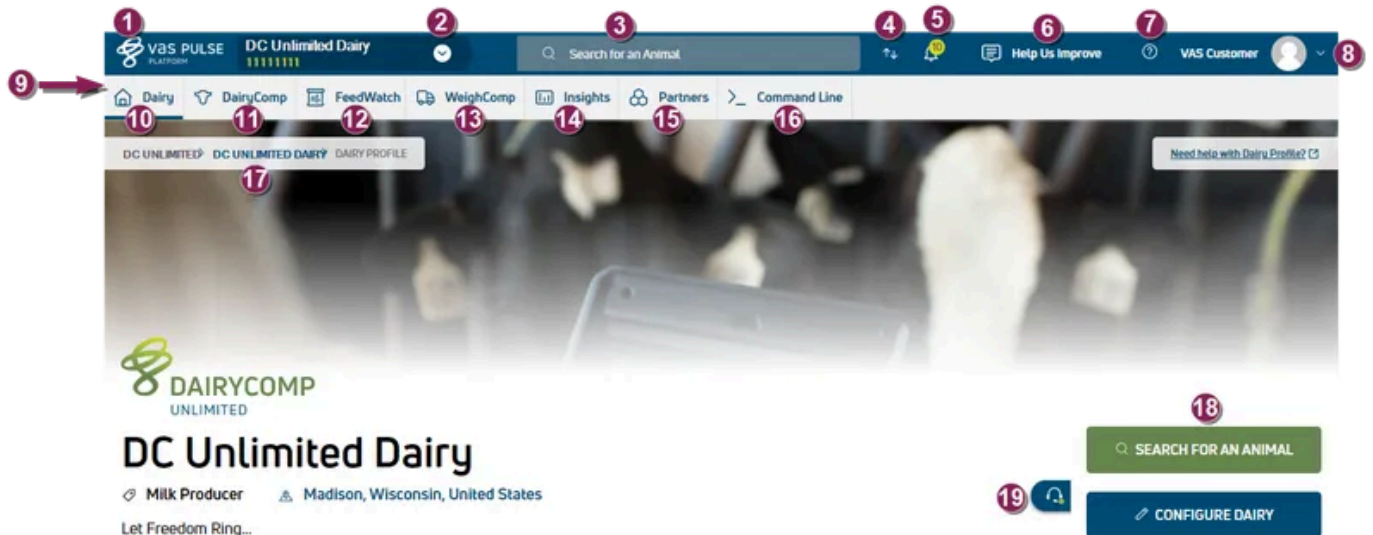
PULSE contains various menu options, features, and icons to help you navigate through its many features and capabilities. Review the information below to get started.

- [PULSE Main Screen](#)
- [Menu Options](#)
- [Features and Icons](#)
- [Tips for Using PULSE](#)
- [Customize Table Columns](#)
- [Integration Status](#)

6.1. PULSE Main Screen

✓ [Click here to find a guided tour of PULSE!](#)

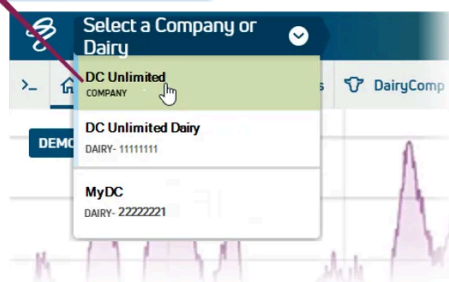
This section describes how to find your way around PULSE. Use the image and descriptions below to learn about the layout of PULSE and find the features you need.



1 VAS logo button: Click the VAS logo at the top left of PULSE to jump straight to your User Account home page.

2 Current company or dairy: The company or dairy you are viewing is displayed in this field at the top left of the page. To view a different one, click the arrow and choose from the list of all your connected companies and dairies.

Select a Company or a Dairy. The options in the Platform will vary depending on your choice.



3 Search for an animal: Start typing an animal's **ID** or other identifier in the Search bar to find it. See [Find an Animal](#) to learn more!

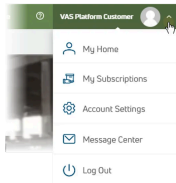
4 Platform sync status: Click the  icon to view current DairyComp 305, FeedWatch, and Parlor integration status. See [When was my data last synchronized?](#) for more information.

5 Platform Notifications icon: Click the  icon to view a list of the the latest product releases, as well as system messages, general alerts, and notifications. An activity badge  on this icon indicates the total number of unread messages, and clicking the Notifications icon displays links to the most recent messages. See [How do Notifications work?](#) for more information.

6 Platform feedback button: Click the **Help Us Improve** button to share your thoughts on PULSE with VAS. See [Help Us Improve!](#) for more information.

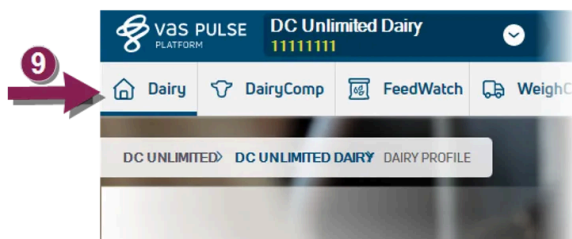
7 Platform Help button: Click the **Help** button  to view PULSE online help in a separate browser window.

8 User Menu: Your User Menu is located at the top right of PULSE. Click the drop-down arrow to view your options.

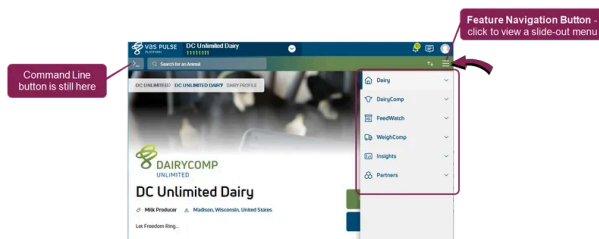


- **My Home:** Navigate to your User Account home page.
- **My Subscriptions:** Navigate to your [My Subscriptions](#) page.
- **Message Center:** Navigate to the [Message Center](#).
- **Account Settings:** Edit your PULSE user account settings. See [Edit Your User Account](#) for more details.
- **Log Out:** Log out of the Platform.

9 Menu bar: Click each item in the menu bar to view different PULSE features.



If you are viewing PULSE in a smaller browser window, you may not see the menu bar as it's shown above. Instead, you'll click the menu bar button at the top right of the window (below your user account icon). This slides the menu bar out from the right side of the window.



10 Dairy home button: Click the **Dairy** button to view a menu of options related to the working of your dairy, including pens, changes, and user management. [Click here](#) to find a full list of features under this menu item.

11 DairyComp/MyDC button: Click the DairyComp/MyDC button to view a menu of DairyComp/MyDC features in PULSE, including worklists, reports, and animals. [Click here](#) to find the full list of features under this menu option.

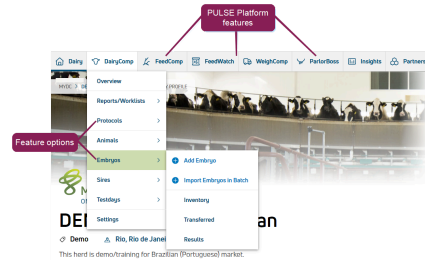
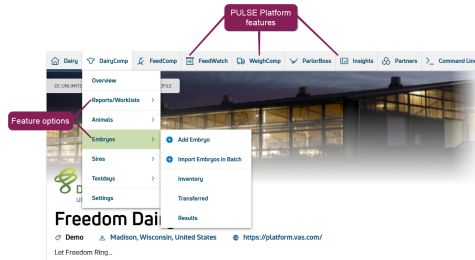
The name of the DairyComp/MyDC button on the menu bar varies based on your PULSE subscription. The button name is "DairyComp" for DC Unlimited subscribers and "MyDC" for MyDC subscribers. See [Know Your VAS PULSE Version](#) for more information.

- 12 **FeedWatch button:** Click the FeedWatch button to view a menu of FeedWatch features in PULSE. The FeedWatch Overview Page can be customized just like a Dashboard. See [FeedWatch](#) for more information. [Click here](#) to find the full list of features under this menu option.
- 13 **WeighComp button:** Click the **WeighComp** button to access the WeighComp add-on (if available) to manage transactions harvests. See [WeighComp](#) for more information. [Click here](#) to find the full list of features under this menu option.
- 14 **Insights button:** Click the **Insights** button to view a menu of trends-related options. See [Animal Inventory Trends](#) or [RumINSIGHT Report](#) for more information. [Click here](#) to find the full list of features under this menu option.
- 15 **Partners button:** Click the **Partners** button to view access the Integration gallery. [Click here](#) to see this menu option.
- 16 **Command Line button:** Click the >_ button to access the Command Line. See [Command Line](#) for more information.
- 17 **Breadcrumbs:** The top left of each page shows a breadcrumb path to where you are in PULSE. You can click the dairy name as a shortcut to return to the dairy home page.
- 18 **Dairy Home Page Shortcuts:** When you are on the dairy home page, the buttons at the bottom right allow you to quickly search for an animal or edit your Dairy Configuration. You can also press the F2 key at any time to jump straight to a search.
- 19 **Live Chat:** Click the  button at the bottom right corner of any page to initiate a Live Chat and communicate with a member of VAS technical support, allowing you to solve issues quickly without waiting for email or picking up the phone. Live Chat is available during normal business hours to all customers in the U.S. and Mexico who get their technical support through VAS. When the chat feature is available, this button displays in blue. When the chat feature is not available, the button displays as gray. In this case, you can still [contact VAS technical support](#).

✓ Related Topics

6.2. Menu Options

PULSE menu bar presents options for the various features of the system.

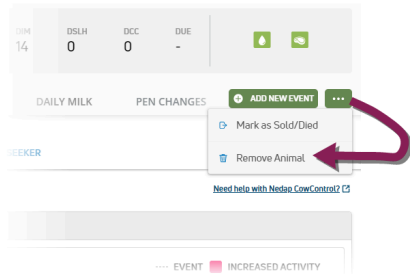
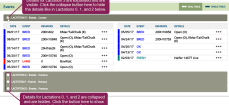


IMPORTANT: Not all menu bar items are available to all users. The items shown in PULSE are based on your subscription type.

- ✓ **Dairy Menu**
- ✓ **DairyComp/MyDC Menu**
- ✓ **FeedComp Menu**
- ✓ **ParlorBoss Menu**
- ✓ **FeedWatch Menu**
- ✓ **WeighComp Menu**
- ✓ **Insights Menu**
- ✓ **Partners Menu**
- ✓ **Command Line**

6.3. Features and Icons

Feature/ Icon	Description
	VAS logo button. Located in top left corner of the screen. Click this button to go to your User Account Home screen.
	PULSE Notifications button. Located in the top navigation bar, toward the right side of the screen. Click the  icon to view a list of the the latest product releases, as well as system messages, general alerts, and notifications. An activity badge  on this icon indicates the total number of unread messages, and clicking the Notifications icon displays links to the most recent messages. See How do Notifications work? for more information.
	Integration Status button. Located at the top of the page, toward the right side of the screen. If the status icon is green, it indicates that data is currently synchronized for the default platform zone . Click this icon to view the date and time that data was last synchronized between PULSE and DairyComp 305, FeedWatch, Parlor, and WeighComp. See also When was my data last synchronized? for more information.
	Integration Status button in error state. If the Integration Status button is blinking red, it indicates that a synchronization error has occurred. Click the Integration Status icon to view the sync error date, time, and location. When the error has been corrected, the system displays the date and time that synchronization was restored. See When was my data last synchronized? for more information. If your data fails to sync within 24 hours, the PULSE displays an Integration Status Alert each time you access the dairy.  This is a critical error that requires immediate attention to ensure that all animal information, worklist details, and event data continue to sync correctly with the PULSE and mobile app. Proceed to Troubleshooting to address any errors.
	PULSE Help button. Located at the top of the page, toward the right side of the screen. Click this button to open the Help in a new browser tab.
	Dairy Home icon. Located in the menu bar . Click the Dairy Home button to view your dairy home page. See Settings (Dairy) for more information.
	DairyComp/MyDC icon. Located in the menu bar . Click this button to view a menu of DairyComp/MyDC features. See DairyComp/MyDC and View Animal Details on CowCards for more information.
	FeedWatch icon. Located in the menu bar . Click this button to view a menu of FeedWatch features. See FeedWatch for more information.
	Parlor button. Located in the menu bar . Click this button to view a menu of Parlor features. See Parlors for more information.
	WeighComp button. Located in the menu bar . Click this button to view a menu of WeighComp features. See WeighComp for more information.
	Insights button. Located in the menu bar . Click this button to view a menu of reports-related options. See Shared Files or RumINSIGHT Report for more information.
	Live Chat button. Located at the bottom right of any PULSE screen. Click to open a chat window to communicate directly with a member of VAS technical support. A blue button indicates the Live Chat feature is currently available, while a gray button indicates that Live Chat is currently not available. See Navigating PULSE for more information.
	The gear icon indicates configuration options. You will see it in the Configure Dairy button that is located in the top right corner of PULSE window, just below the User menu.  See User Menu for more information.
	Milk withholding status.

Feature/ Icon	Description
	Meat withholding status.
	Options button. Click this button to view other options for the related area of the screen. 
	Expand and collapse buttons. Click these buttons to show or hide additional details. 

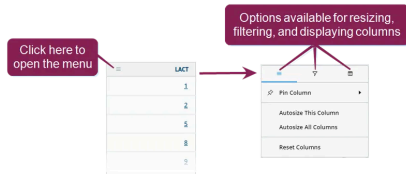
6.4. Tips for Using PULSE

See the sections below for ways to make the most of PULSE. For a description of PULSE interface, see [PULSE Main Screen](#).

- ✓ **View an Animal**
- ✓ **View Platform Status and Shortcuts**
- ✓ **Manage Your User Account**
- ✓ **Customize Away!**
- ✓ **Scroll to See All of Your Information**
- ✓ **Expand and Condense to See More or Less**
- ✓ **Switch Views within Certain Screens**
- ✓ **Related Topics**

6.5. Customize Table Columns

Interactive column headers allow you to arrange the data into a way that's most useful to you. Depending on the features available for each column, you can add new columns of data, rearrange and reorder them, and filter some columns. To access these features, click on the column menu in the column you want to change.



The top menu can contain three different options—one for resizing the column, one for filtering the data displayed in the column, and one for controlling which columns are displayed. Each menu contains various ways for manipulating what's shown on the page.

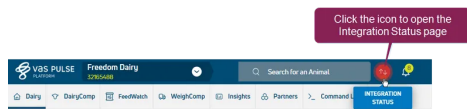
Expand the sections below to learn more:

- ✓ **Filter Columns**
- ✓ **Reorder Columns**
- ✓ **Change which Columns to Display**

6.6. Integration Status

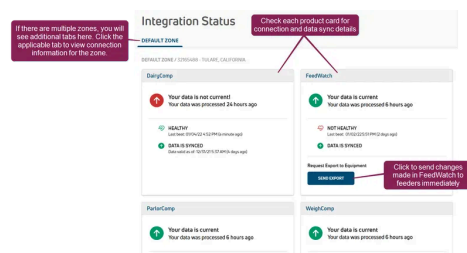
✓ How do I check the connection status between DairyComp and PULSE in DairyComp 305?

Quickly check the connection status between PULSE and all of your on-premise applications, like DairyComp, on the **Integration Status** page. Click the Integration Status button  at the upper right side to open the page. The button looks different depending upon the integration status:



- A white button indicates that the connection between PULSE and all on-premise apps is working correctly, and no action is required.
- A red button indicates that the connection between PULSE and at least one of your on-premise apps is not working correctly, and your action is required.
- You will not see a button if PULSE is not connected to any on-premise apps.

This page contains a card for each of your integrated, on-premise products, letting you quickly see if they are properly communicating and syncing data with PULSE.



You can also access the Integrations Status page directly from the [Dairy menu](#).

- ✓ **Integration Status Details**
- ✓ **Troubleshooting Guidelines**
- ✓ **Offline DairyComp Integration (DairyComp Unlimited Dairies Only)**
- ✓ **Update Your VAS Software**
- ✓ **Request Export to Equipment (FeedWatch Only)**

7. Common Tasks

PULSE is a powerful herd management solution that allows you to handle many critical tasks on farm. See the topics below for more information on the most common tasks in PULSE:

- [Log In to PULSE](#)
- [Edit Dairy Settings](#)
- [Add Animals](#)
- [Find an Animal](#)
- [Complete OvSynch Tasks](#)
- [Manage Reports/Worklists](#)
- [Import a Testday](#)
- [Manage Embryos](#)

✓ **Related Topics**

7.1. Log In to PULSE

If this is the **first time** you're using PULSE, you'll be required to [sign up for an account](#).

You can then log in to PULSE at <https://platform.vas.com/login>.

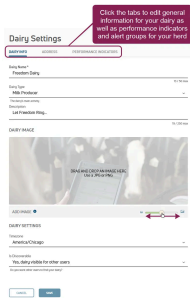
Check the **Remember Me** option to save the last user email entered. This feature does not save your password.

NOTE: The "auto sign-in" settings in your browser will override the system's **Remember Me** option. If the Remember Me checkbox appears to have no effect on retaining or dismissing your email address, check to see whether your browser auto sign-in is enabled or disabled.

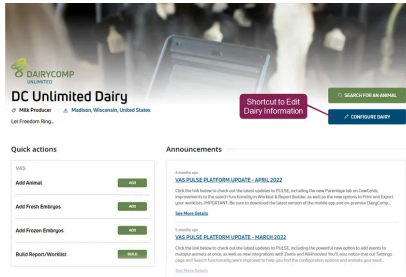
7.2. Edit Dairy Settings

▼ Required Permissions

The Dairy Settings page allows you to edit your dairy information (address and contact information) as well as performance indicators and alerts for your herd.



You can find this feature under the [Dairy menu](#). You can also use the shortcut on the right side of your dairy home page.



See the [Settings \(Dairy\)](#) topic to learn more!

7.3. Add Animals

✓ Required Permissions

PULSE allows you to add a single animal using the **Add Animal** wizard or multiple animals using the **Import Animals in Batch** option. You can find this feature under the [DairyComp/MyDC](#) > [Animals](#) menu.

Expand the sections below to learn more:

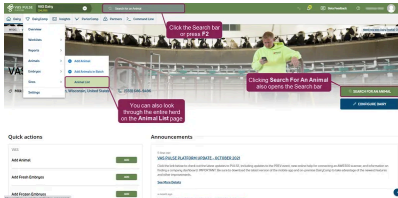
✓ Add a Single Animal

✓ Add Multiple Animals

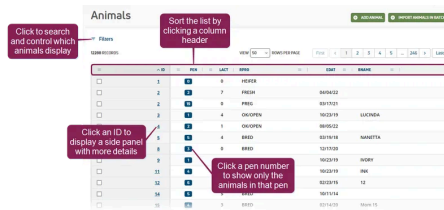
7.4. Find an Animal

Use the Search bar or the Animal List to find an animal in PULSE:

- **Search Bar:** You can use the Search bar at any time by clicking the **Search for an Animal** field at the top of the page or pressing **F2** on your keyboard. On the **Dairy Profile** page, you can also click the Search for an Animal button to open the Search bar.



Animal List: To access the Animal List, select DairyComp/MyDC > **Animals** > Animal List from the [menu bar](#). Click **Filters** to search for specific animals or to limit the animals shown by [pen](#), lactation, or reproductive code ([RC](#)). You can then sort the Animals table by clicking any of the column headers.

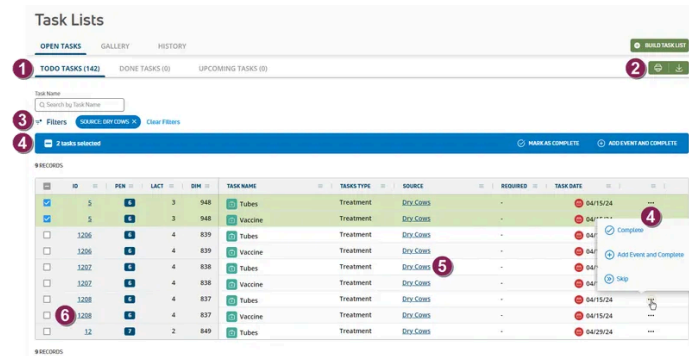


In the side panel, click **Go To CowCard** to view the animal's [CowCard](#).

7.5. Complete OvSynch Tasks

Once your dairy has [defined OvSynch protocols](#) and [enrolled animals](#), PULSE adds animals that require treatments in a daily Open Tasks list.

Follow the guidelines below when working with the **Open Tasks** list:



- 1 **View Tasks:** Click **Todo Tasks** to view or process animals that have outstanding tasks, or click **Done Tasks** to view tasks that have been processed, or click **Upcoming Tasks** to view all tasks scheduled for the next 7 days.
- 2 **Print or Export the Task List:** Click the green **Export as CSV** button  at the top right of the page to save the data as a CSV file. Or, click **Print**  to send your open tasks data to the printer. If you applied filter(s), the data will print or export with the current filter(s) applied.
- 3 **Filter the List:**
 - Type text in the **Task Name** field to search open task by name. Once text is typed, click the **Clear Filter(s)** option to clear the text typed.
 - Click **Filters** at the top left of the page to limit the data that is displayed. Once a filter is applied, click the **X** on a specific filter to remove it. Or, click the **Clear Filter(s)** option to clear all filters.

✓ **Click here to learn about filtering tasks in mobile!**
- 4 **Process Tasks:** You can process a task by marking it complete, by adding an event and marking it complete, by skipping it, or by removing it. Check one or more boxes next to the tasks on the left side of the page to process them. A blue bar is displayed above the table. Click **Mark as Complete** to complete the checked tasks.
 - ✓ **Tell me more about processing tasks in PULSE!**
 - ✓ **Tell me more about processing tasks in mobile!**
- 5 **View Task Details:** Click the task's **Source** to open a side panel and view its details.
 - ✓ **Tell me more!**
- 6 **View Animal Details:** Click on an animal's **ID** in the table to open a side panel and view its details.
 - ✓ **Tell me more!**

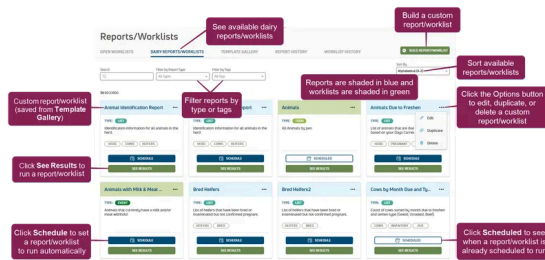


Processed tasks can also be accessed on the [Tasks](#) tab in the animal's CowCard. Proceed to [Step 4: Manage OvSynch Tasks & Alerts](#) to continue.

7.6. Manage Reports/Worklists

The PULSE Reports/Worklists tool allows you to view your dairy data in reports, as well as create [worklists](#) to manage daily activities at your dairy. You can create your own custom reports and worklists or create them from the many templates provided in PULSE.

The **Dairy Reports/Worklists** page includes the reports or worklists you customized from the [Template Gallery](#), as well as any other custom reports you created using [Report/Worklist Builder](#). See [Dairy Reports/Worklists](#) for more information.



You can find this feature under the [DairyComp/MyDC Menu](#).

✓ Related Topics

7.7. Import a Testday

✓ **Can't find this feature? Make sure it's included in your subscription!**

The Platform **Import** Testday feature for MyDC dairies offers the ability to import testday results from any [DRPC](#) or testing facility. This additional flexibility extends the power of Platform testday reporting and tracking to help you use data from multiple sources or from smaller or local DRPCs!

You can find this feature under the [DairyComp/MyDC](#) > [Testdays](#) menu.

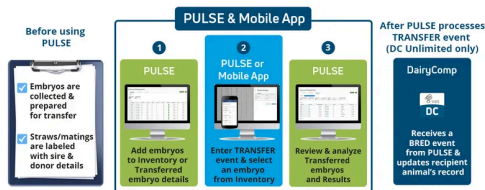
Expand the sections below to learn more:

- ✓ **Download the template and upload data**
- ✓ **Preview data and confirm**
- ✓ **Import summary**
- ✓ **View Testday Results**

7.8. Manage Embryos

The TRANSFER event is a PULSE-only event added to recipient animals for embryo transfers. PULSE allows you to manage your embryo inventory and enter TRANSFER events in web or the mobile app. Adding embryos is simple, and defining embryo details in advance saves you precious time during embryo transfer tasks while out on the dairy with your embryo technician. You can find this feature under the [DairyComp/MyDC Menu](#).

After your embryos are collected and prepared for transfer, you can add them to inventory and then select them while adding embryo TRANSFER events. Or, use the batch import process to import embryos to inventory or add completed transfers. Then track transferred embryos and your results from PULSE.



After PULSE processes the Embryo TRANSFER event, it forwards the event details on to [DC305](#) for DCU dairies.

The Embryo Management feature in the web version of PULSE allows you to add and edit embryos, as well as view and analyze completed transfers and their results. If you need help creating a TRANSFER event or for detailed information on what happens when you process the event, see the [TRANSFER Event](#) topic.

8. Command Line

✓ Required Setup

✓ Can't find this feature? Make sure it's included in your subscription!

The Command Line brings the power of DairyComp into PULSE, allowing you to generate many of the same reports you're able to view in DairyComp. PULSE Command Line currently supports the [LIST \(SHOW\)](#), [SUM](#), [COUNT](#), and [ENTER](#) commands. You can find this feature on the [main menu bar](#), or by selecting **F9** from your keyboard.



A typical command consists of the 5 parts defined below.



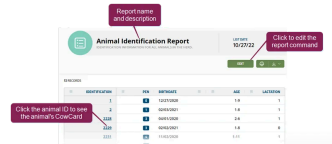
- 1 ✓ **Command Word:** Start by typing a command word. Click here to learn more!
- 2 ✓ **Switches:** (Optional) Use one or more switches to affect or limit which data is included in your report. Click here to learn more!
- 3 ✓ **Items:** Type the items you want to include in your report. Items define the data you want to see in your report. Click here to learn more!
- 4 ✓ **Conditions:** (Optional) Type any conditions you want to include in your report. Conditions limit your report to specific data. Click here to learn more!
- 5 ✓ **Sort:** (Optional) Use sort words (BY and DOWNBY) and criteria in LIST and SUM commands to sort how your results are listed. Click here to learn more!

Expand the sections below to learn more:

- ✓ **Errors**
- ✓ **Results**
- ✓ **History**
- ✓ **Save Commands**
- ✓ **Cautions for DairyComp Users**

8.1. LIST (SHOW) Command

The LIST (SHOW) command generates a listing of animals with certain items and conditions.



See the following LIST command examples:

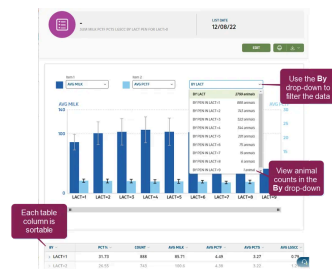
- ✓ **Identify animals that are due to be dried off (calving date is approaching)**
- ✓ **Track breeding tasks and generate a breeding sheet**
- ✓ **Determine if an animal's milk production is lower than expected, possibly to drive a decision to dry early or sell the animal**
- ✓ **Manage the hospital pen, such as checking the total number of sick animals and milk and beef withholds**
- ✓ **Related Topics**

8.2. SUM Command

A SUM report or command generates averages for specific items or animals within certain groups and presents the following details in a table or graph:

- Animal counts
- Average values
- [Standard deviation](#)
- Data range details, including minimum and maximum values

The graph view is flexible and can be adjusted on the fly.



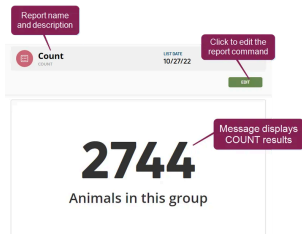
Additionally, each of the table columns allows for sorting to quickly customize your data view.

See the following SUM command examples:

- ✓ **Get an overview of milk composition and quality by lactation or pen**
- ✓ **Analyze the number of times ketosis was diagnosed by lactation group for all animals that calved in the last year**
- ✓ **Get an overview of milk production by lactation**
- ✓ **Analyze animal inventory and identify animals coming into milking**
- ✓ **Related Topics**

8.3. COUNT Command

The COUNT command calculates the total number of animals that match certain items and conditions. It offers a quick and easy way to get a total number of animals meeting specific criteria.



See the following COUNT examples:

- ✓ **Determine the total number of animals due to be dried off for a specific pen**
- ✓ **Check the total number of animals in the hospital pen (pen 12)**
- ✓ **Identify the number of animals with an active milk withhold**
- ✓ **Check the total number of animals in their first lactation for specific pens**
- ✓ **Related Topics**

8.4. ENTER Command

Use the ENTER command to change stored item values for multiple animals at once. After you build and execute the ENTER command, PULSE generates a report that lists the updated item values.

- ✓ **Build an ENTER Command**
- ✓ **ENTER Command Examples**
- ✓ **View the Results Report**
- ✓ **Related Topics**

8.5. Command Reference Guide

Commands must follow a PULSE-specific format, which may vary from DairyComp 305's command language and structure. Expand the sections below to learn more:

- ✓ **Batch command**
- ✓ **Case-insensitive**
- ✓ **Date format**
- ✓ **Date shortcuts**
- ✓ **Double quotes**
- ✓ **ID**
- ✓ **Sort and condition keyword order**
- ✓ **Multiple conditional items**
- ✓ **OR conditions**
- ✓ **Spacing**
- ✓ **Switches**
- ✓ **Related Topics**

8.6. DairyComp Standard Items

Standard items are available in DairyComp 305 to capture specific animal data. Items are either stored or calculated values used by applications that connect to DairyComp to generate reports or display animal details. Standard item types can be either default (generally used by all dairies) or pre-defined (for optional use in PULSE).

NOTE:

Items are customizable in DairyComp, and your dairy may use additional items not shown here. See the following for item number ranges and their associated types:

- 1-89: default standard items
- 90-1023: custom items, configured in the cowfile
- 1024-1999: on-the-fly items, for advanced DairyComp command line use
- 2000+: pre-defined standard items, for use in PULSE only

Item number	Item name	Description	Type
1	<u>ID</u>	Animal identifier	default
2	<u>PEN</u>	Pen number	
3	<u>VC</u>	Vet code (1-13)	
4	<u>REG</u>	Animal registration number	
5	<u>EID</u>	15-digit electronic ID number associated with the animal eartag	
6	<u>CBRD</u>	Cattle breed	
7	<u>DID</u>	Dam identifier	
8	<u>DREG</u>	Dam USDA or REG number	
9	<u>DBRD</u>	Dam breed	
10	<u>SID</u>	Sire identifier	
11	<u>BDAT</u>	Birth date	
12	<u>EDAT</u>	Enrollment date	
13	<u>LACT</u>	Lactation number	
14	<u>PSTRH</u>	Permanent string or pen	
15	<u>RC</u>	Reproductive code (1-8)	
16	<u>STAT</u>	<u>DHIA</u> (DairyHerd Improvement Association) status code (1,2,6)	
17	<u>CAR</u>	Condition affecting record or disposal code	
18	<u>EDAY</u>	Event day	
19	<u>EC</u>	Event code (1-64)	
20	<u>INT</u>	Interval	
21	<u>REM</u>	Remark or comment	
22	<u>SIR1</u>	1st choice mating sire	
23	<u>SIR2</u>	2nd choice mating sire	
24	<u>CNTL</u>	Computer number	
25	<u>LSIR</u>	Last service sire	
26	<u>SIRC</u>	Sire of conception	
27	<u>TBRD</u>	Times bred	
28	<u>HDAT</u>	Heat date	
29	<u>FDAT</u>	Fresh date	
30	<u>CDAT</u>	Conception date	
31	<u>DDAT</u>	Dry date	
32	<u>PODAT</u>	Pregnant/open date	

Item number	Item name	Description	Type
33	<u>PFDAT</u>	Previous fresh date	
34	<u>PCDAT</u>	Previous conception date	
35	<u>PDDAT</u>	Previous dry date	
36	<u>PCUDT</u>	Previous close-up move date	
37	<u>BLDAT</u>	Bullpen entry date	
38	<u>ABDAT</u>	Abortion date	
39	<u>ADDAT</u>	Abortion determination date	
40	<u>VDAT</u>	Vet check date	
41	<u>TDAT</u>	Test date	
42	<u>ETDAM</u>	Embryo transfer dam	
43	<u>ARDAT</u>	Archive date	
44	<u>TOTM</u>	Total milk this lactation	
45	<u>TOTF</u>	Total fat this lactation	
46	<u>TOTP</u>	Total protein/solids not fat this lactation	
47	<u>RELV</u>	Relative value %	
48	<u>TPEN</u>	Testdaypen location	
49	<u>SCC</u>	Somatic cell count	
50	MILK	Current testday milk	
51	<u>FCM</u>	Current fat corrected milk	
52	<u>305ME</u>	305 day mature herd equivalent	
53	<u>PCTP</u>	Percent protein/solids not fat	
54	<u>PCTF</u>	Percent fat	
55	<u>MEFAC</u>	Mature equivalent factor	
56	<u>PSIRC</u>	Previous lactation sire of conception	
57	<u>PDIM</u>	Previous lactation days in milk	
58	<u>PDOPN</u>	Previous lactation days open	
59	<u>PTBRD</u>	Previous lactation times bred	
60	<u>PTOTM</u>	Previous lactation total milk	
61	<u>PTOTF</u>	Previous lactation total fat	
62	<u>PTOTP</u>	Previous lactation total protein/solids not fat	
63	<u>PVET</u>	Previous vet code	
64	<u>OLDID</u>	Old ID	

Item number	Item name	Description	Type
65	<u>DCCP</u>	Days carried calf at pregnancy check	
66	<u>HINT</u>	Heat interval	
67	<u>CALF1</u>	Recent identified offspring	
68	<u>CALF2</u>	Previous identified offspring	
69	<u>CALF3</u>	Oldest identified offspring	
70	<u>CODA</u>	Wildcard 1 byte item any character	
71	<u>COD1</u>	Wildcard 1 byte item (0-255)	
72	<u>COD2</u>	Wildcard 2 byte item (0-32000)	
73	<u>XDAT</u>	Wildcard date item	
74	NOTE	Permanent note	
75	<u>DIM</u>	Days in milk	
76	<u>DOPN</u>	Days open	
77	<u>DDRY</u>	Days dry	
78	<u>DUE</u>	Due to freshen	
79	<u>DCC</u>	Days carrying calf/pregnant	
82	<u>TODAY</u>	Today's date	
83	<u>VETC</u>	Reason for vet check	
84	<u>RPRO</u>	Reproductive code	
86	<u>DSLH</u>	Days since last heat	
87	<u>AGE</u>	Age in months	
89	<u>TECH</u>	Technician number	
2000	<u>BFDAT</u>	Beef withdrawal date	pre-defined
2001	<u>MKDAT</u>	Milk withdrawal date	
2002	<u>LTDAT</u>	Last treatment date	
2003	COST	Total treatment cost	
2004	<u>PN</u>	Previous pen	
2005	<u>HPDAT</u>	Hospital date	
2006	<u>RCDAT</u>	Recheck date	
2007	<u>THD</u>	Total sick days	
2008	<u>SCDAT</u>	Last scan date	
2009	<u>SCTIM</u>	Last scan time	
2010	<u>SCMTH</u>	Last scan method	

Item number	Item name	Description	Type
2011	SCPEN	Last scan pen	
2012	BNAME	Barn name	
2013	EASE	Calving ease	
2014	CWVAL	Cow value	
2015	PGVAL	Pregnancy value	
2016	SIR3	Sire preference 3	
2017	SIR4	Sire preference 4	
2018	SYDAT	Ovsynch enrollment date	
2019	CLIV	Calf livability	
2020	CVACC	Calf vaccination	
2021	SF	Source farm	
2044	EXPCALF	Expected Calf	

✓ Related Topics

9. Manage Your Herd

✓ [Click here for a video tutorial on this feature!](#)

In PULSE, the [DairyComp/MyDC button](#) opens a menu for herd-related features. You can find this feature under the [main menu bar](#).

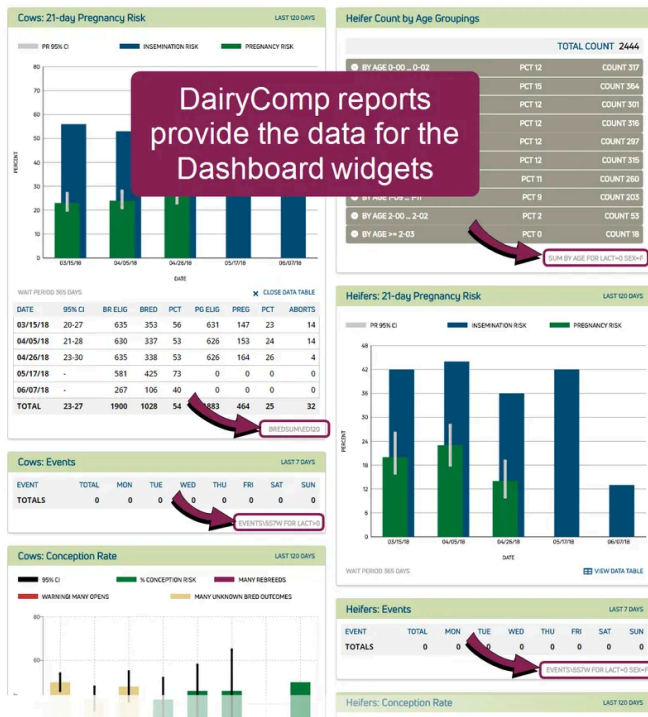
See the topics below to learn more.

- [Dashboards](#)
- [Manage Animals](#)
- [Pens](#)
- [Reports/Worklists](#)
- [Events](#)
- [Task Lists \(MyDC only\)](#)
- [Protocols \(MyDC Only\)](#)
- [Embryo Management](#)
- [Sires](#)
- [Testdays](#)
- [Process Scheduler](#)
- [Milk Recording](#)
- [Settings](#)

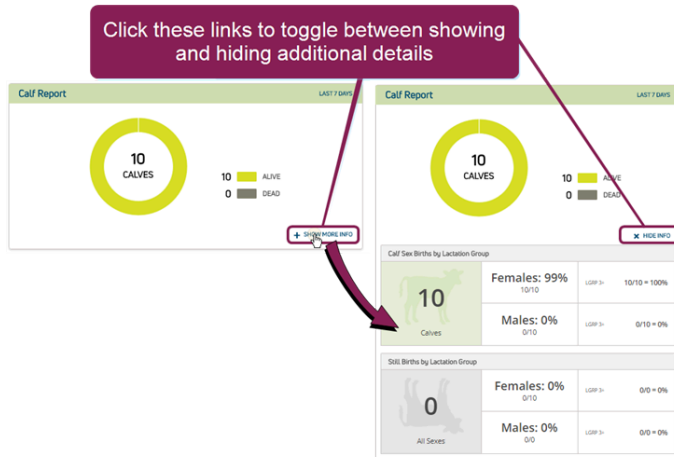
9.1. Dashboards

PULSE dashboards provide a central location to access data-driven visuals, such as graphs and charts, that allow you to monitor and analyze various details on your animals and the status of your dairy. There are three types of dashboards available: [Dairy Dashboards](#), [Company Dashboards](#), and [Overview Pages](#). You can find this feature under the [Dairy menu](#).

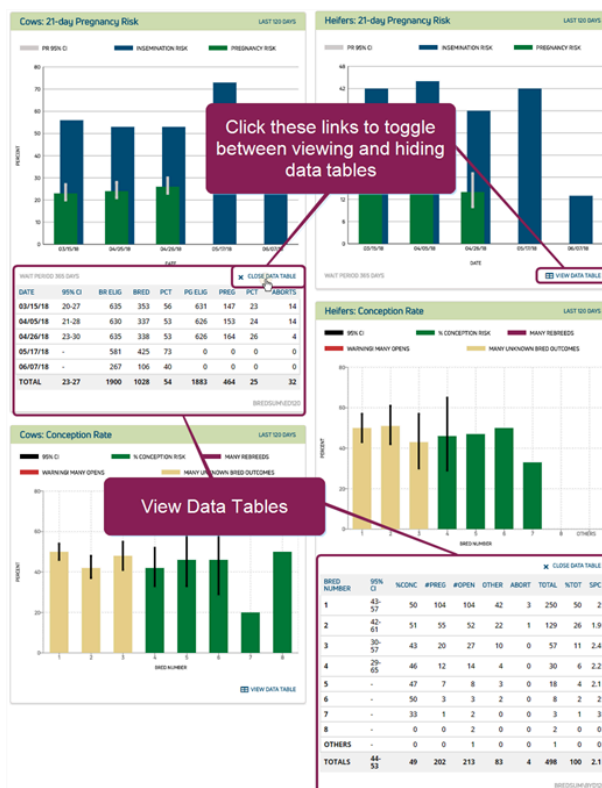
Each dashboard contains data sections called "widgets," each of which is built from a third-party application or common DairyComp 305, FeedWatch (on-premise), and ParlorWatch/Parlor reports. You can view PULSE-specific reports that provide data for the dashboard at the bottom of each widget:



Be sure to scroll down the dashboard to see all widgets, and click the available links to view more data for each of the graphs.



Expand to see additional details in-line within the widget



Each dashboard provides different information to help you better manage your dairy. Learn more about each dashboard type:

✓ Dairy Dashboards

✓ **Company Dashboards**

✓ **Overview Pages**

TIP: Are you looking for HerdSights Dashboard? See [HerdSights](#) to learn about building custom [KPI](#) views and dashboards for your dairy!

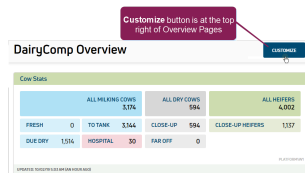
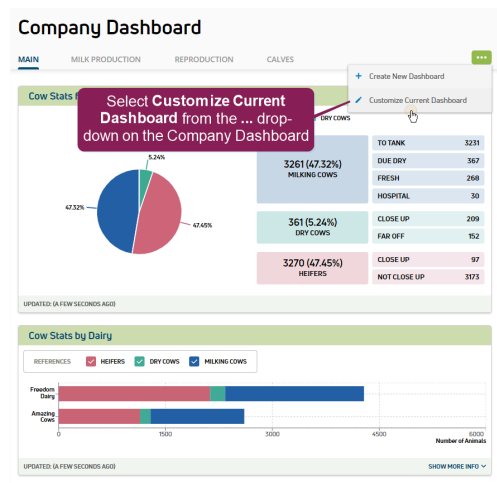
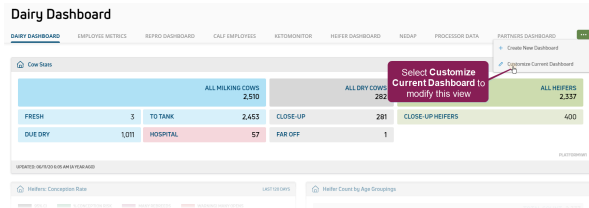
✓ **Related Topics**

9.1.1. Customize Dashboards

Required Permissions

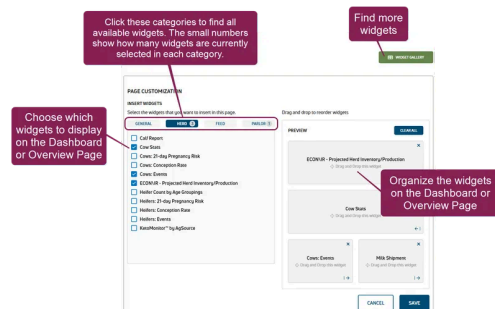
You can customize your dashboards based on the needs of your dairy. You can add, remove, resize, or rearrange widgets to prioritize the data you see. (For a full list of available widgets and what they show, see [Widget Descriptions](#).)

Use the Options button **...** **Customize Current Dashboard** option at the top right of the Dairy or Company Dashboard or the **Customize** option on Overview pages to personalize your dashboards.



NOTE: If you do not see the Options button **...** or **Customize** option, check your roles and permissions. This button is only visible for users who are assigned to a Role with **Dashboard Management** permissions. See [Edit Dairy User Permissions](#) for more information.

After you select **Customize**, the system displays your **Page Customization** options.



Follow these steps to customize your dashboards:

Step 1: Select Widgets

-
- ✓ **Step 2: Arrange Widgets**
 - ✓ **Step 3 (Optional): Add New Widgets**
 - ✓ **Related Topics**

9.1.2. Manage Multiple Dashboards

✓ Required Permissions

With dashboards being such a key component in how you view and control your data in PULSE, knowing how to add and edit those dashboards will help you optimize them for your specific operation. See the topics below to get started!

✓ Rearrange Dashboards

✓ Add a New Dashboard

✓ Edit an Existing Dashboard

✓ Related Topics

9.1.3. Widget Descriptions

The sections below describe several of the widgets that you can add to the Dairy Dashboard and the DairyComp, FeedWatch, and Parlor Overview pages. Additional descriptions will be available soon. Please contact [VAS Support](#) if you have questions about a widget that is not listed here.

See [Customize Dashboards](#) for instructions on how to add, remove, and rearrange widgets on a dashboard.

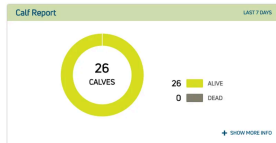
NOTE: Some widgets require setup and activation in your dairy or company PULSE account before they will begin displaying data on your Dashboard and Overview Pages. If you have added a widget and it is not displaying any data, please contact [VAS Support](#) for help.

- [Calf Report](#)
- [Cow Stats](#)
- [Cows: 21-day Pregnancy Risk](#)
- [Cows: Conception Rate](#)
- [Cows: Events](#)
- [ECON\IR - Projected Herd Inventory/Production](#)
- [Equipment Status](#)
- [Heifer Count by Age Groupings](#)
- [Heifers: 21-day Pregnancy Risk](#)
- [Heifers: Conception Rate](#)
- [Heifers: Events](#)
- [Projected Calves by Sire & Semen Type](#)
- [Weather Report](#)

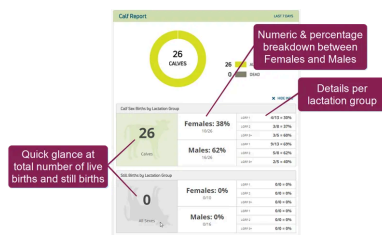
9.1.3.1. Calf Report

- ✓ How do I add a widget to my Dashboard or Overview Page?
- ✓ What permissions do I need to view this widget?

The Calf Report widget shows how many calves were born in the past 7 days. The following example shows the condensed report, in which the yellow part of the chart illustrates the number of calves born alive in the past 7 days. Any calves that died at birth or thereafter are illustrated by a gray portion of the chart.



Click the **+ Show More Info** link at the bottom right of the widget to view the details behind the chart. As shown in the example below, the expanded view provides a quick glance at the total number of live and still births. These numbers are further broken down into the percentage and number of females vs. males. The data for females and males is then further broken down into the specific percentage and number by lactation group.



In this example, 26 calves were born alive, and the detailed data indicates:

- 10 were female
- 16 were male
- 13 were born from LGRP 1:
 - 4 of those 13 were female
 - 9 of those 13 were male
- 8 were born from LGRP 2:
 - 3 of those 8 were female
 - 5 of those 8 were male
- 5 were born from LGRP 3+:
 - 3 of those 5 were female
 - 2 of those 5 were male

Females: 38% 10/26	LGRP 1	4/13 = 30%
	LGRP 2	3/8 = 37%
	LGRP 3+	3/5 = 60%
Males: 62% 16/26	LGRP 1	9/13 = 69%
	LGRP 2	5/8 = 62%
	LGRP 3+	2/5 = 40%

LGRP 1 has a total of 13 (4 female and 9 male)
LGRP 2 has a total of 8 (3 female and 5 male)
LGRP 3+ has a total of 5 (3 female and 2 male)

✓ Related Topics

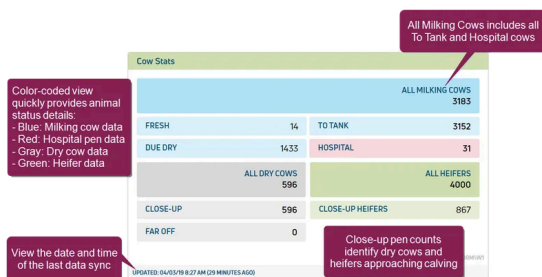
9.1.3.2. Cow Stats

- ✓ How do I add a widget to my Dashboard or Overview Page?
- ✓ What permissions do I need to view this widget?

The Cow Stats widget provides a snapshot view of the herd by current animal status: milking, fresh, dry, or hospital, as well as close-up [pen](#) information for cows and heifers. This widget is useful for quickly identifying animal counts and determining how many cows need to be transitioned to dry in preparation for calving.

Follow these guidelines when reviewing the data in this widget:

- Color-coded areas contain milking cow (blue), hospital pen (red), dry cow (gray), and heifer (green) data.
- View the **Updated** timestamp to determine the date and time of the last data sync with DairyComp. This data is updated on a daily basis.
- The **All Milking Cows** total includes all To Tank and Hospital cows.



Milking Cow data includes the following:

- Fresh: Recently calved
- [Due](#) Dry: Animals to be dried off prior to calving
- To Tank: Animals contributing milk to tank
- Hospital: Animals in the hospital pen

Dry Cow data includes the following:

- Close-Up: Animals in the close-up pen near calving
- Far Off: All other dry animals not in the close-up pen

Heifer data includes the following:

- Close-Up Heifers: Heifers in the close-up pen near calving

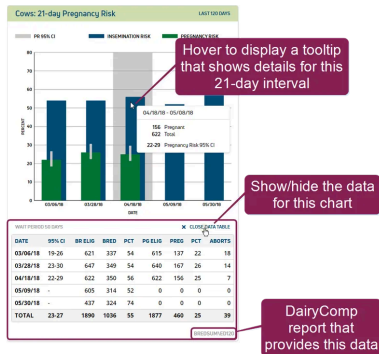
✓ Related Topics

9.1.3.3. Cows: 21-day Pregnancy Risk

✓ How do I add a widget to my Dashboard or Overview Page?

✓ What permissions do I need to view this widget?

The Cows: 21-day Pregnancy Risk widget charts the insemination risk, pregnancy risk, and confidence interval (CI) for recent 21-day intervals. This widget reflects data only for cows; there is another widget that shows [this data for heifers](#).



Follow these guidelines when reviewing the data in this widget:

- The dates displayed beneath each bar in the chart represent the start date for each 21-day interval.
- The dark blue bar represents the insemination risk.
- The green bar represents the pregnancy risk.
- The gray "wick" represents a 95% Pregnancy Risk (PR) Confidence Interval (CI), meaning that based on this data, you can be 95% confident that the results will fall within this range. For instance, if the wick reflects a 95% CI of 19-26, it means that you can be 95% confident in a resulting pregnancy rate of 19%-26%.
- Click the **View Data Table** link at the bottom right of the chart to view the specific data that builds the chart:
 - **DATE**: Start date of each 21-day interval.
 - **95% CI**: The lower and upper confidence limits (CLs). For example, a 95% CI of **19-26** indicates that 19% is the lower CL and 26% is the upper CL.
 - **BR ELIG**: The number of animals entering the 21-day interval that are eligible to be inseminated.
 - **BRED**: The number of animals actually inseminated.
 - **PCT**: The percent of animals detected in heat (calculated by BRED / BR ELIG).
 - **PG ELIG**: The number of animals entering the 21-day interval that are eligible to become pregnant.

✓ Tell me more about BR ELIG and PR ELIG!

- **PREG**: Number of pregnancies.
- **PCT**: Percent of pregnancies (calculated by PREG / BR ELIG).
- **ABORTS**: The animals that were confirmed pregnant but later lost the pregnancy.

✓ Related Topics

9.1.3.4. Cows: Conception Rate

✓ How do I add a widget to my Dashboard or Overview Page?

✓ What permissions do I need to view this widget?

The Cows: Conception Rate widget charts the conception rate of cows per BRED event for the past 120 days. This widget reflects data only for cows; there is another widget that shows [this data for heifers](#).



Follow these guidelines when reviewing the data in this widget:

- The **Bred Number** under each bar indicates the BRED event. (The total number of inseminations in the BRED event is displayed in the data table below the chart.)
- The green bar represents the conception risk percentage.
- A tan bar indicates that unknown outcomes are still pending, so the conception rate calculation is incomplete. Pending results can mean animals were missed on exam day, or that an exam day is very near. A tan bar will become green or purple when the pending results are received.
- If the bar is purple, it indicates that the BRED event includes rebreeds.
- If the bar is red, it warns that the BRED event contains multiple opens.
- The black "wick" represents a 95% confidence indicator (CI) for the conception rate shown by the yellow bar. For instance, if the wick reflects a 95% CI of 42-53, you can be 95% confident in a conception rate between 42%-53%.
- Click the **SHOW MORE INFO** link at the bottom right of the chart to view the specific data that builds the chart:
 - BRED NUMBER**: The number of the BRED event.
 - 95% CI**: The lower and upper confidence limits (CLs) for the conception rate. For example, a 95% CI of **42-53** indicates that 42% is the lower CL and 53% is the upper CL.
 - %CONC**: The conception rate, or the rate from breedings with known outcomes of either pregnant or open.
 - #PREG**: The number of inseminations with a known outcome of pregnant.
 - #OPEN**: The number of inseminations with a known outcome of open.
 - OTHER**: The number of inseminations with unknown outcomes or that occurred within 2 days of another insemination.
 - ABORT**: The animals that were confirmed pregnant but later lost the pregnancy.
 - TOTAL**: The total number of inseminations (Preg+Open+Unknown) for the BRED event.
 - %TOT**: The percent of total inseminations for the BRED event.

-
- **SPC:** The number of services per conception (SPC). This number is the inverse of conception rate and is frequently used as an indicator of fertility.

✓ **Related Topics**

9.1.3.5. Cows: Events

- ✓ How do I add a widget to my Dashboard or Overview Page?
- ✓ What permissions do I need to view this widget?

The Cows: Events widget displays all the events that have occurred for cows for the last 7 days. This widget reflects data only for cows; there is another widget that shows [this data for heifers](#).



Follow these guidelines when reviewing the data in this widget:

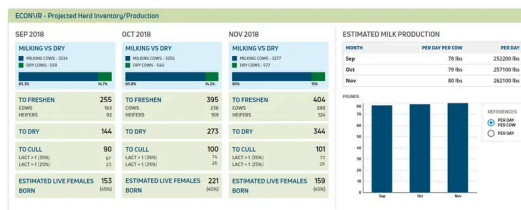
- The left side of the chart displays each type of event that has occurred over the last 7 days.
- The days of the week appear across the top of the chart. Beneath each day is a breakdown of events for the day.
- Totals for each type of event, as well as the total for all events, display across the bottom of the chart.

✓ Related Topics

9.1.3.6. ECON\IR - Projected Herd Inventory/Production

✓ How do I add a widget to my Dashboard or Overview Page?

The **ECON\IR - Projected Herd Inventory/Production** widget provides forecasts that help you plan any herd adjustments you might need to make in the current and upcoming months. The data in this widget is based on milking, dry, and known pregnant animals in the cowfile. As shown in the example below, it displays three month's worth of herd/inventory projections on the left side and projected milk production for those same three months on the right side. The first month is the current one, followed by projections for the next two.



✓ Compare to the DairyComp version of the ECON\IR Report

✓ Understanding the Monthly Herd Forecasts

✓ Understanding the Estimated Milk Production

IMPORTANT:

- It's important to note that this report presents a snapshot at the current point in time. You will find that the numbers are updated with the passing of each day, as more actual herd activity is recorded.
- The projections in this report are based entirely upon the inventory and pregnancy information that is in your DairyComp 305 cowfile, including heifers. Therefore, if heifers are not in the cowfile or their pregnancy status is not declared, the report will not be accurate.
- When cross-checking data in DairyComp 305, it's important to use a "System Date" as the last day the cowfile was updated. This ensures that the ECON\IR report always runs from the last time information was put into the cowfile. If you apply a "Set Day" in the past date or future, the report results will not be accurate.

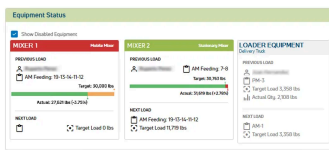
✓ Related Topics

9.1.3.7. Equipment Status

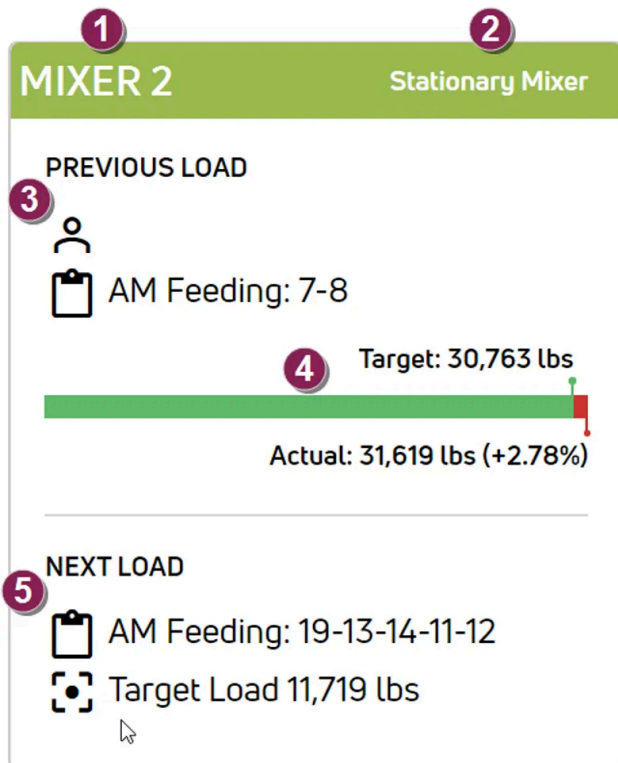
- ✓ How do I add this widget to my Dashboard or Overview Page?
- ✓ What permissions do I need to view this widget?

The **Equipment Status** widget displays the current status of feed mixers that are synchronized into PULSE from FeedWatch. As shown in the example below, the colors in the equipment header boxes indicate the equipment status:

- A **GREEN HEADER BOX** indicates that the equipment connection is good.
- A **RED HEADER BOX** indicates a connection loss between the equipment and FeedWatch.
- A **GRAY HEADER BOX** indicates disabled equipment. This type of equipment is only displayed if the **Show Disabled Equipment** box at the top left of the widget is checked.



The example below illustrates the information displayed for each [mixer](#).



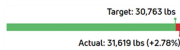
- 1** Mixer name.
- 2** Mixer type.

3 PREVIOUS LOAD details:

-  The name of the dairy worker responsible for the load.
-  The feeding period and pens where the feed was delivered (shown as **AM Feeding** for **pens 7 and 8** in the example).

4 Target vs Actual feed results:

- If the Actual amount delivered **exceeds** the Target amount, the values will be illustrated in **green** and **red** on the bar.



- In this case, the **green** part of the bar shows the Target amount that was delivered. The Target value is displayed by the green dot above the bar. In the example above, the green shows that the full Target amount of **30,763 lbs** of feed was delivered.
- The **red** part of the bar shows how much the Actual amount exceeded the Target. In the example above, the Actual value of **31,619 lbs** is displayed by the red dot below the bar, and the Actual amount that exceeded the Target is displayed as the percentage **+2.78%** next to the Actual weight value.

- If the Actual amount delivered **is less than** the Target, the values will be illustrated in green and orange on the bar.



- In this case, the **green** part of the bar shows the Actual amount that was delivered. In the example above, the Actual value of **27,621 lbs** is displayed by the green dot below the bar, and the amount that was less than the Target is displayed as the negative percentage **-3.75%** next to the Actual weight value.
- The **orange** part of the bar represents how much of the Target was *not* delivered. In the example above, the Target value of **30,000 lbs** is displayed by the orange dot above the bar, and the orange portion represents the **-3.75%** difference between the Target and the Actual amount delivered.

5 NEXT LOAD details:

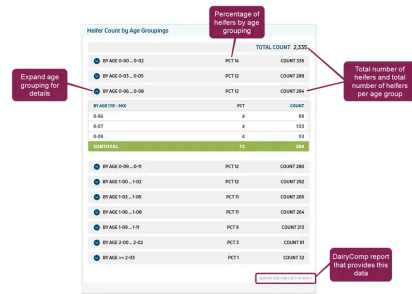
-  The next scheduled feeding period and pens (shown as **AM Feeding** for **pens 19, 13, 14, 11, and 12** in the example above).
-  The target weight for the next load (shown as **11,719 lbs** in the example above).

✓ Related Topics

9.1.3.8. Heifer Count by Age Groupings

- ✓ How do I add a widget to my Dashboard or Overview Page?
- ✓ What permissions do I need to view this widget?

The **Heifer Count by Age Groupings** widget displays a breakdown of the number of heifers by age groupings of years/months. The first grouping displays the number of heifers up to 2 months of age. After that, the age groupings display the number of heifers in 3-month intervals (e.g, 3 to 5 months, 9 to 11 months, etc.).

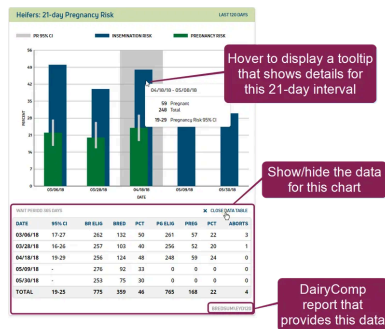


9.1.3.9. Heifers: 21-day Pregnancy Risk

✓ How do I add a widget to my Dashboard or Overview Page?

✓ What permissions do I need to view this widget?

The Heifers: 21-day Pregnancy Risk widget charts the insemination risk, pregnancy risk, and confidence interval (CI) for recent 21-day intervals. This widget reflects data only for heifers; there is another widget that shows [this data for cows](#).



Follow these guidelines when reviewing the data in this widget:

- The dates displayed beneath each bar in the chart represent the start date for each 21-day interval.
- The dark blue bar represents the insemination risk.
- The green bar represents the pregnancy risk.
- The gray "wick" represents a 95% Pregnancy Risk (PR) Confidence Interval (CI), meaning that based on this data, you can be 95% confident that the results will fall within this range. For instance, if the wick reflects a 95% CI of 19-26, it means that you can be 95% confident in a resulting pregnancy rate of 19%-26%.
- Click the **View Data Table** link at the bottom right of the chart to view the specific data that builds the chart:
 - **DATE:** Start date of each 21-day interval.
 - **95% CI:** The lower and upper confidence limits (CLs). For example, a 95% CI of **19-26** indicates that 19% is the lower CL and 26% is the upper CL.
 - **BR ELIG:** The number of animals entering the 21-day interval that are eligible to be inseminated.
 - **BRED:** The number of animals actually inseminated.
 - **PCT:** The percent of animals detected in heat (calculated by BRED / BR ELIG).
 - **PG ELIG:** The number of animals entering the 21-day interval that are eligible to become pregnant.
- ✓ **Tell me more about BR ELIG and PR ELIG!**
 - **PREG:** Number of pregnancies.
 - **PCT:** Percent of pregnancies (calculated by PREG / BR ELIG).
 - **ABORTS:** The animals that were confirmed pregnant but later lost the pregnancy.

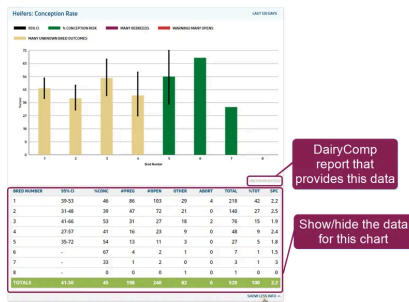
✓ **Related Topics**

9.1.3.10. Heifers: Conception Rate

✓ How do I add a widget to my Dashboard or Overview Page?

✓ What permissions do I need to view this widget?

The Heifers: Conception Rate widget charts the conception rate of heifers per BRED event for the past 120 days. This widget reflects data only for heifers; there is another widget that shows [this data for cows](#).



Follow these guidelines when reviewing the data in this widget:

- The **Bred Number** under each bar indicates the BRED event. (The total number of inseminations in the BRED event is displayed in the data table below the chart.)
- The green bar represents the conception risk percentage.
- A tan bar indicates that unknown outcomes are still pending, so the conception rate calculation is incomplete. Pending results can mean animals were missed on exam day, or that an exam day is very near. A tan bar will become green or purple when the pending results are received.
- If the bar is purple, it indicates that the BRED event includes rebreeds.
- If the bar is red, it warns that the BRED event contains multiple opens.
- The black "wick" represents a 95% confidence indicator (CI) for the conception rate shown by the yellow bar. For instance, if the wick reflects a 95% CI of 42-53, you can be 95% confident in a conception rate between 42%-53%.
- Click the **SHOW MORE INFO** link at the bottom right of the chart to view the specific data that builds the chart:
 - **BRED NUMBER:** The number of the BRED event.
 - **95% CI:** The lower and upper confidence limits (CLs) for the conception rate. For example, a 95% CI of **42-53** indicates that 42% is the lower CL and 53% is the upper CL.
 - **%CONC:** The conception rate, or the rate from breedings with known outcomes of either pregnant or open.
 - **#PREG:** The number of inseminations with a known outcome of pregnant.
 - **#OPEN:** The number of inseminations with a known outcome of open.
 - **OTHER:** The number of inseminations with unknown outcomes or that occurred within 2 days of another insemination.
 - **ABORT:** The animals that were confirmed pregnant but later lost the pregnancy.
 - **TOTAL:** The total number of inseminations (Preg+Open+Unknown) for the BRED event.
 - **%TOT:** The percent of total inseminations for the BRED event.
 - **SPC:** The number of services per conception (SPC). This number is the inverse of conception rate and is frequently used as an indicator of fertility.

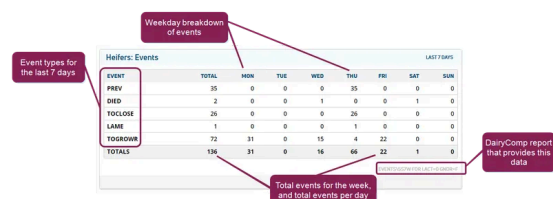
▼ **Related Topics**

9.1.3.11. Heifers: Events

✓ How do I add a widget to my Dashboard or Overview Page?

✓ What permissions do I need to view this widget?

The Heifers: Events widget displays all the events that have occurred for heifers for the last 7 days. This widget reflects data only for heifers; there is another widget that shows [this data for cows](#).



Follow these guidelines when reviewing the data in this widget:

- The left side of the chart displays each type of event that has occurred over the last 7 days.
- The days of the week appear across the top of the chart. Beneath each day is a breakdown of events for the day.
- Totals for each type of event, as well as the total for all events, display across the bottom of the chart.

✓ Related Topics

9.1.3.12. Projected Calves by Sire & Semen Type

- ✓ How do I add a widget to my Dashboard or Overview Page?
- ✓ What permissions do I need to view this widget?

The Projected Calves by Sire & Semen Type dairy widget identifies the expected number of calves to be born in upcoming months, including data for 7 to 8 months. This information helps to plan for Replacement Heifers that will be added to your herd by month. It also allows you to analyze parentage information for your calves.

Use the key to identify semen types

Projected Calves by Sire & Semen Type					
	PCT	COUNT	SECTYP=U	SECTYP=S	SECTYP=B
Oct19	52	23	18	2	3
Nov19	16	7	6	1	0
Jan20	2	1	1	0	0
Apr20	2	1	1	0	0
May20	11	5	4	1	0
Jun20	14	6	6	0	0
Jul20	2	1	1	0	0
TOTAL	100	44	37	4	3

Time stamp of last update

DairyComp command that generated the widget

Reference the following to understand the data in this widget.

Semen Type: Identifies the type of semen used to conceive the calf. Available types are:

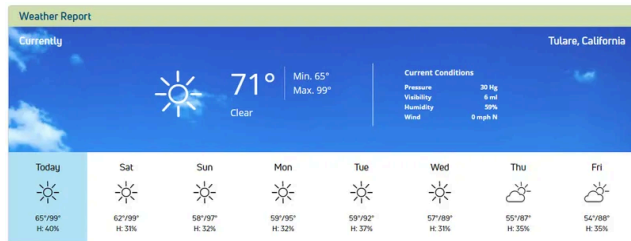
- **Sexed (S):** Semen that has been analyzed and sorted based on the X/Y chromosome in the individual sperm cells. For dairy cows, this type of semen has mostly X-chromosome sperm cells to increase the likelihood of producing heifer calves.
- **Unsexed (U):** Semen that has not been sorted based on the X/Y chromosome in the sperm cells.
- **Unknown (?):** Semen for which the bull [NAAB](#) code was not specified.
- **Beef (B):** Semen produced by a beef bull. Beef semen is a lower-cost option and may provide additional advantages, including improved conception rates and lower calf birth weight for calving [ease](#). Heifer and bull calves with a beef sire are designated for beef production.

✓ Related Topics

9.1.3.13. Weather Report

✓ How do I add this widget to my Dashboard or Overview Page?

The **Weather Report** widget shown below allows you to check the forecast at the dairy location right from within PULSE. The widget uses the dairy address that is defined on the [Settings \(Dairy\)](#) page.



When customizing this widget on your Dashboard or Overview page, note that the full page width setting displays the additional **Current Conditions** information shown the example above.

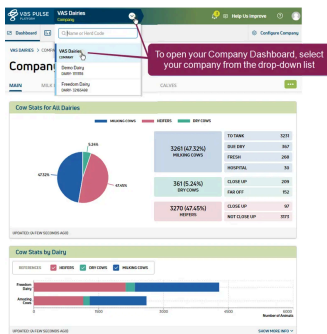
✓ Related Topics

9.1.4. Company Dashboards and OneView

Use **Company Dashboards** to see essential information for all dairies within your company. Monitor your company's progress and statistics using two powerful tools:

- Use [Company Dashboards](#) to view key animal data for all dairies, such as Cow Stats.
- Use [OneView](#) to view past, present, and future inventory data for all dairies in easy-to-follow graphs.

Company features are only available when viewing a company in Platform, not when viewing a dairy. To access company features, a member of the company must invite you to connect with it. See [Invite a User to Your Dairy](#) for more information.



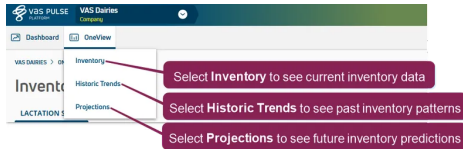
See the topics below to learn more:

- [View Company Dashboards](#)
 - [Cow Stats for All Dairies](#)
 - [Cow Stats by Dairy](#)
 - [Projected Calves by Sire & Semen Type for All Dairies](#)
- [OneView](#)
 - [Inventory](#)
 - [Historic Trends](#)
 - [Projections](#)

✓ Related Topics

9.1.4.1. View Company Dashboards

OneView company dashboards in PULSE allow you to view all your inventory data for all of your dairies in one convenient location. At a glance, view your inventory statistics — past, present, and future — across all dairies to guide your herd management decisions. You can also monitor health trends and other changes in the herd. Use OneView's easy-to-follow graphs and various view and filter options to quickly find inventory information.



Navigate to your [Company Dashboards and OneView](#), then click the OneView tab, and select a view from the drop-down list to start viewing your company's inventory. Select [Inventory](#) to view your present inventory, select [Historic Trends](#) to view your past inventory, or select [Projections](#) to see future inventory predictions.

▼ Where do I find my Company View?

See the topics below to learn more:

- [Cow Stats for All Dairies](#)
- [Cow Stats by Dairy](#)
- [Projected Calves by Sire & Semen Type for All Dairies](#)

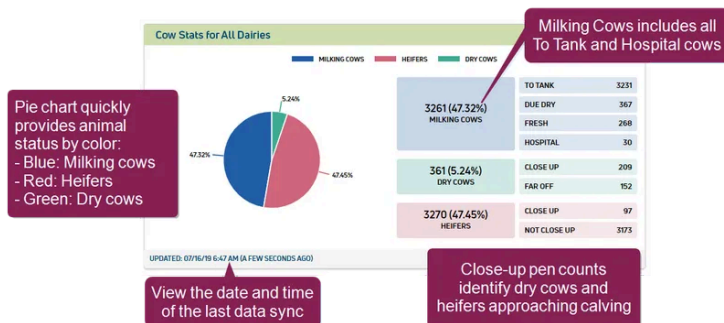
9.1.4.1.1. Cow Stats for All Dairies

- ✓ How do I add this widget to a Company Dashboard?
- ✓ What permissions do I need to view this widget?

The Cow Stats for All Dairies widget is useful in quickly identifying animal counts by dairy and determining how many cows need to be transitioned to dry in preparation for calving at each location. This widget is only available on Company Dashboards.

Follow these guidelines when reviewing the data in this widget:

- The color-coded pie chart and detailed area to the right contain data for milking cows (blue), dry cows (green), and heifers (red).
- View the **Updated** timestamp to determine the date and time of the last data sync with DairyComp. This data is updated on a daily basis.
- The **Milking Cows** total includes all To Tank and Hospital cows.



Milking Cow data includes the following:

- Fresh: Recently calved
- **Due Dry**: Animals to be dried off prior to calving
- To Tank: Animals contributing milk to tank
- Hospital: Animals in the hospital [pen](#)

Dry Cow data includes the following:

- Close Up: Animals in the close-up pen near calving
- Far Off: All other dry animals not in the close-up pen

Heifer data includes the following:

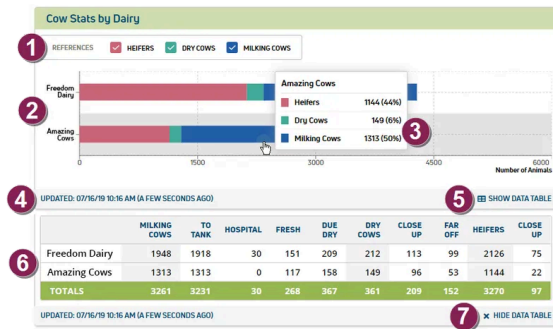
- Close Up: Heifers in the close-up pen near calving
- Not Close Up: All other heifers not in the close-up pen

✓ Related Topics

9.1.4.1.2. Cow Stats by Dairy

- ✓ How do I add this widget to a Company Dashboard?
- ✓ What permissions do I need to view this widget?

The Cow Stats by Dairy widget is useful in quickly identifying animal counts by dairy. This widget is only available on Company Dashboards. The example below defines the information shown in this widget.



- References:** Select to view data by animal status: Heifers, Dry Cows, Milking Cows.
- Bar graph:** Presents animal counts for each company dairy in a colored bar to quickly identify Heifers, Dry Cows, and Milking Cows.
- Tooltip:** Hover over the graph data to view more detailed information, including animal counts and percentages of total herd.
- Updated:** Timestamp (date and time) of the last data sync from DairyComp.
- Show Data Table:** Select this option to view detailed animal data below the graph in a table format.
- Data Table:** Displays additional animal details by dairy.
- Hide Data Table:** Select this option to collapse the table.

✓ Related Topics

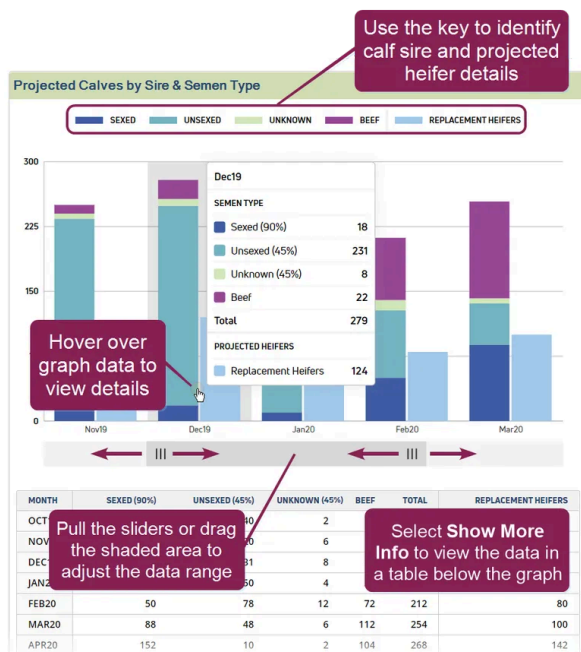
9.1.4.1.3. Projected Calves by Sire & Semen Type for All Dairies

✓ How do I add this widget to a Company Dashboard?

✓ What permissions do I need to view this widget?

The Projected Calves by Sire & Semen Type company widget identifies the expected number of calves to be born in all company dairies by sire and semen type, as well as a projected Replacement Heifer count for 7 to 8 months. This information helps to plan for Replacement Heifers that will be added to your herd by month. It also allows you to analyze parentage information for your calves. This widget is only available on Company Dashboards.

Reference the following to understand the data in this widget.



Semen Type: Identifies the type of semen used to conceive the calf. Available types are:

- **Sexed:** Semen that has been analyzed and sorted based on the X/Y chromosome in the individual sperm cells. For dairy cows, this type of semen has mostly X-chromosome sperm cells to increase the likelihood of producing heifer calves. 90% of calves conceived with sexed semen are expected to be heifers, and are included in the projected number of Replacement Heifers.
- **Unsexed:** Semen that has not been sorted based on the X/Y chromosome in the sperm cells. 45% of calves conceived with unsexed semen are expected to be heifers, and are included in the projected number of Replacement Heifers.
- **Unknown:** Semen for which the bull [NAAB](#) code was not specified. VAS recommends using the NAAB code whenever possible for more robust data analysis, including improved Replacement Heifer projections. 45% of calves conceived with unknown semen are expected to be heifers, and are included in the projected number of Replacement Heifers.
- **Beef:** Semen produced by a beef bull. Beef semen is a lower-cost option and may provide additional advantages, including improved conception rates and lower calf birth weight for calving [ease](#). Heifer and bull calves with a beef sire are designated for beef production and are not included in the projected number of Replacement Heifers.

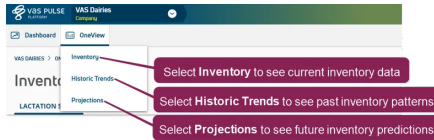
Replacement Heifers: Identifies the expected number of heifer calves to be added to the herd for milk production. This count includes calves conceived with sexed, unsexed, and unknown semen.

✓ How is this data calculated?

✓ **Related Topics**

9.1.4.2. OneView

OneView dashboards in PULSE allow you to view all your inventory data for all of your dairies in one convenient location. At a glance, view your inventory statistics — past, present, and future — across all dairies to guide your herd management decisions. You can also monitor health trends and other changes in the herd. Use OneView's easy-to-follow graphs and various view and filter options to quickly find inventory information.



Navigate to your [Company View](#), then click the OneView tab, and select a view from the drop-down list to start viewing your company's inventory. Select [Inventory](#) to view your present inventory, select [Historic Trends](#) to view your past inventory, or select [Projections](#) to see future inventory predictions.

▼ Where do I find my Company View?

See the topics below to learn more:

- [Inventory](#)
- [Historic Trends](#)
- [Projections](#)

9.1.4.2.1. Inventory

Use the **Inventory** dashboard to quickly view your current inventory across all dairies in clear, easy-to-follow graphs. Use the data to identify, review, and analyze current inventory trends. You can switch between tabs to see the breakdown of your inventory in different ways: by lactation stage, breed, reproduction status, changes in the herd, health events, or [age](#) and lactation group.

NOTE: Update your inventory data on a daily basis to ensure that your inventory graphs are always accurate and up-to-date.

Follow the guidelines below when working with Inventory graphs:

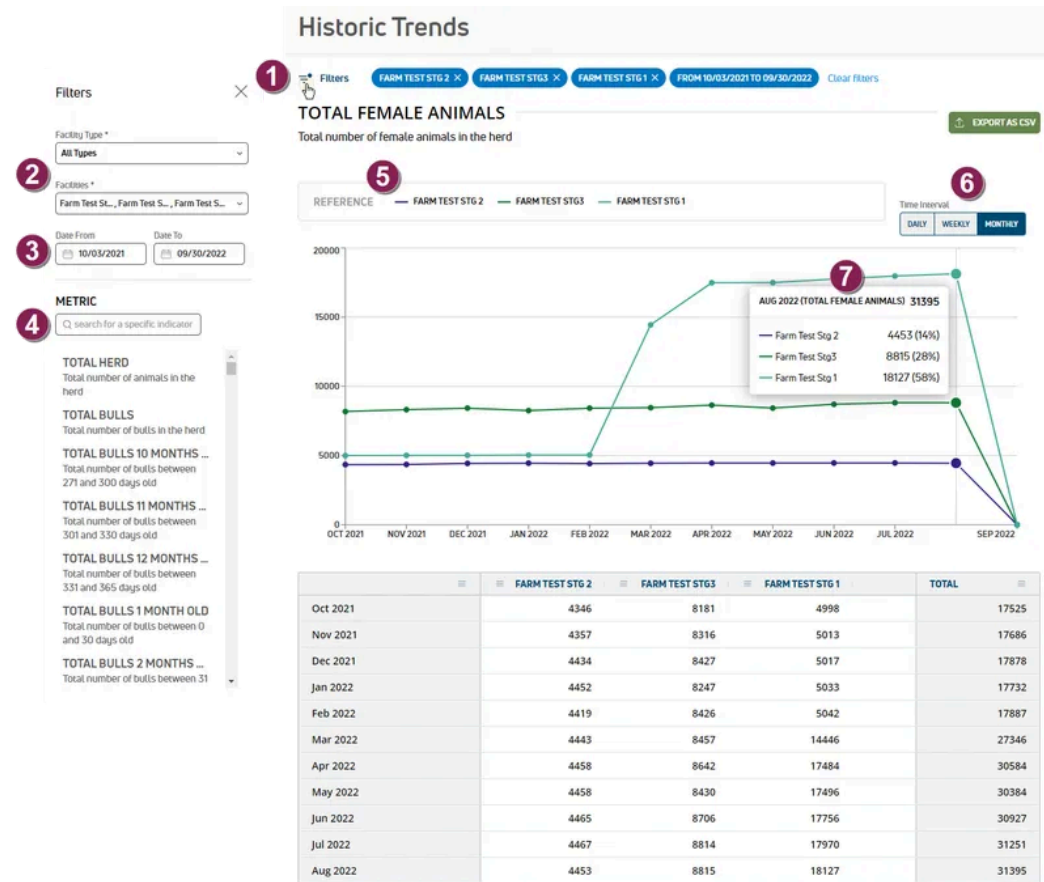
- **Filters:** Click the **Filters** option on the upper left side of the dashboard to open a side panel where you can manage the data you see in the graph:
 - **Facility filters:** Use the **Facility Type** and/or **Facilities** filters to manage the facilities shown in the graph. Facilities are listed by dairy name. By default, the graph includes data from all dairies.
 - **Date Range filter:** Use the **Date From** and **Date To** filters to only view data from that range. By default, the graph includes data from the previous seven days.
- **Tooltips:** Hover over the graph data to view more detailed information, including animal counts and percentages.
- **Views:** On some inventory dashboards, you can change how the graph displays data. Select different views on the upper right side of the dashboard, where available.

Expand the sections below to learn more:

- ✓ **Lactation Stage**
- ✓ **Breed**
- ✓ **Reproduction Status**
- ✓ **Changes in the Herd**
- ✓ **Health Events**
- ✓ **Age and Lactation Group**

9.1.4.2.2. Historic Trends

Use the **Historic Trends** dashboard to view inventory history for all dairies from the past year. Use [one of the many provided metrics](#) to break down the inventory history further to learn more about your dairies. For example, you can check metrics for specific health events, such as Total [Mastitis](#) Incidences, to see whether cases of mastitis have increased or declined in the past year.



Follow the guidelines below when viewing the Inventory dashboard:

- 1. Filters:** Click the **Filters** option on the upper left side of the dashboard to open a side panel where you can manage the data you see in the graph:
- 2. Facility filters:** Use the **Facility Type** and/or **Facilities** filters to manage the facilities shown in the graph. Facilities are listed by dairy name. By default, the graph includes data from all dairies.
- 3. Date Range filter:** Use the **Date From** and **Date To** filters to only view data from that range. By default, the graph includes data from the previous seven days.
- 4. Metric filter:** Select the specific metric you want to view. There are many metrics to choose from by animal type (female animals, bulls, cows, heifers), [age](#), lactation number, health event, herd change, and breed. For example, you can view the number of bulls, the number of [metritis](#) cases, or the number of Holsteins you've had across all dairies in the past month.

5 [Click here for a list of available metrics!](#)

References: Each facility is represented on the graph by its own colored line.

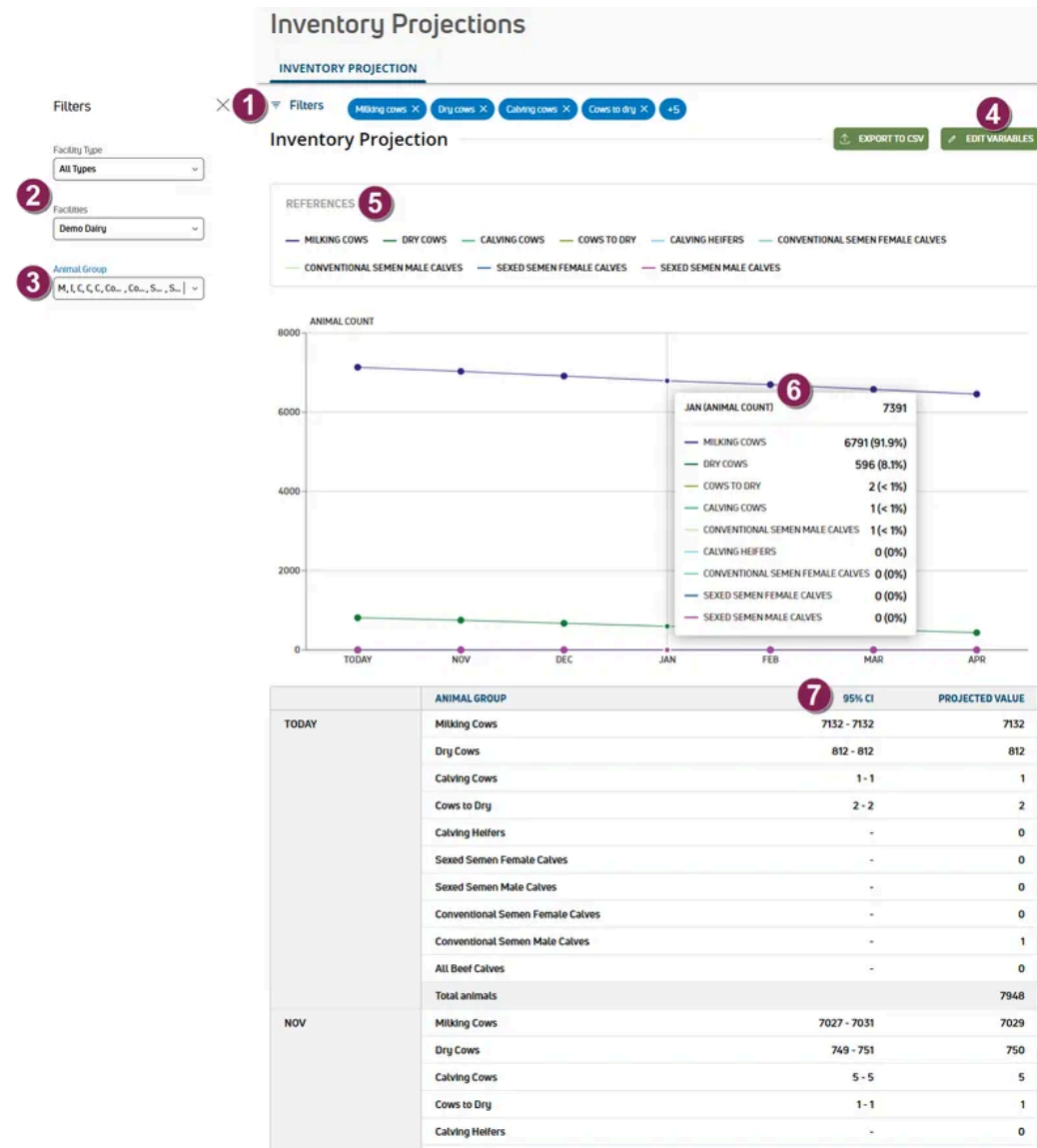
6 **Time interval:** On the upper right side of the dashboard, you can select the time interval shown in the graph:

- Daily: See 30 days of data by default.
- Weekly: See 20 weeks of data by default.
- Monthly: See 12 months of data by default.

7 **Tooltips:** Hover over the graph data to view more detailed information, including animal counts and percentages.

9.1.4.2.3. Projections

Use the **Projections** dashboard to view monthly projections of your inventory, including the number of milking cows, dry cows, calves, and more, for the next six months. Use these projections to make well-informed inventory decisions in the future.



Follow the steps below to continue:

- Filters:** Click the **Filters** option on the upper left side of the dashboard to open a side panel where you can manage the data you see in the graph:
- Facility filters:** Use the **Facility Type** and/or **Facilities** filters to manage the facilities shown in the graph. Facilities are listed by dairy name. By default, the graph includes data from all dairies.
- Animal group filter:** By default, this graph includes all animal groups. Select the animals groups shown in the graph.

4 Edit variables: On the upper right side of the screen, click **Edit Variables** to change the variable data to see possible outcomes for different scenarios. The system opens a side panel where you can edit Culling Rate, Dry Period, Dead on Arrival, Averaged Sexed Accuracy, and Twinning Rate.

5

Edit Variables

Any change in the following variables would affect the size of your herd

Culling Rate	80 %
Dry Period	40
Dead on Arrival	0 %
Average Sexed Accuracy	80 %
Twinning Rate	0.1 %

Update any value, then apply the changes to see new projections

Reset CANCEL APPLY CHANGES

Click here to see variable definitions!

References: Each animal group is represented on the graph by its own colored line.

6 Tooltips: Hover over the graph data to view more detailed information, including animal counts and percentages.

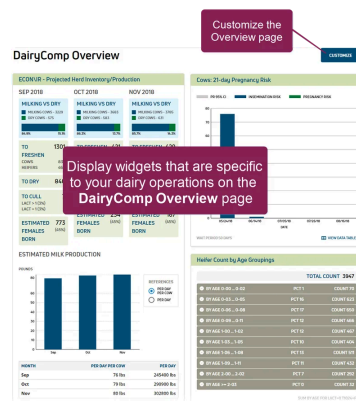
7 95% CI: The 95% confidence interval (CI) measures the degree of certainty or uncertainty in the system's sampling. A high confidence interval indicates the system has more uncertainty in the accuracy of the projection. A low confidence interval indicates more certainty in the accuracy of the projection.

9.1.5. Dairy Dashboards

The DairyComp/MyDC Dashboard page allows you to monitor the herd side of your dairy. You can find this feature under the [DairyComp/MyDC Menu](#).

The name of the page varies based on your PULSE subscription. The page name is "DairyComp Dashboard" for DC Unlimited subscribers and "MyDC Dashboard" for MyDC subscribers. See [Know Your VAS PULSE Version](#) for more information.

Overview pages can be customized with any available widget. For instructions on how to add, remove, and rearrange the widgets, see [Customize Dashboards](#):



▼ Related Topics

9.2. Manage Animals

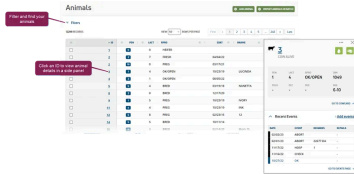
Locating and managing the animals in your herd is one of the primary tasks in PULSE. See the topics below for help finding an animal, viewing animal details in the CowCard, and using each section of the CowCard to monitor and manage each animal.

- [View Animals List](#)
- [Find an Animal](#)
- [View & Update Animal Details](#)
- [Update Animal Data with a Template](#)
- [Add Animals](#)
- [Remove Animals](#)
- [CowCards](#)
 - [Items](#)
 - [Events](#)
 - [Tasks](#)
 - [Pedigree](#)
 - [Testdays](#)
 - [Lactations](#)
 - [Daily Milk](#)
 - [Pen Changes](#)
 - [Partners](#)
 - [Change Log](#)

9.2.1. View Animals List

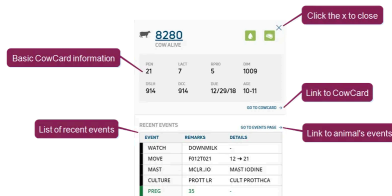
The Animals page displays the animals in your herd by [ID](#) number, along with numerous other columns of information about each animal.

You can find this feature under the [DairyComp/MyDC](#) > [Animals](#) menu.



Follow the guidelines below when viewing your animals and their details:

- Click **Filters** to search for specific animals or to limit the animals shown by [pen](#), lactation, or reproductive code ([RC](#)).
- To view a summary of an animal, click on its ID to open a side panel without leaving the page.



NOTE: Remember that you can also search for a specific animal at any time using the **Search for an Animal** field at the top of the screen. See [Find an Animal](#) for more information.

In the side panel, you can use the left and right arrow keys on your keyboard to step through side panels for the next/previous animals in the list. To close the side panel, click the **X** button in the top-right corner or press the **Esc** key.

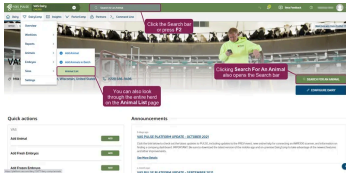
Expand the topic below to learn more about customizing the Animals page:

Customize the View

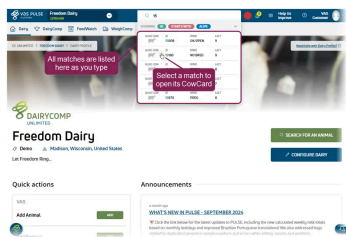
9.2.2. Find an Animal

Use the Search bar or the Animal List to find an animal in PULSE:

- **Search Bar:** You can use the Search bar at any time by clicking the **Search for an Animal** field at the top of the page or pressing **F2** on your keyboard. On the **Dairy Profile** page, you can also click the Search for an Animal button to open the Search bar.

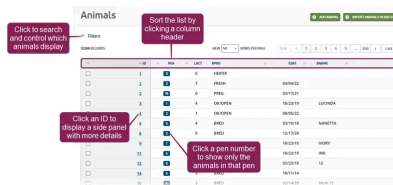


Click on any match to view the animal's [CowCard](#).



✓ Learn more about search filters & results

- **Animal List:** To access the Animal List, select DairyComp/MyDC > **Animals** > Animal List from the [menu bar](#). Click **Filters** to search for specific animals or to limit the animals shown by [pen](#), lactation, or reproductive code ([RC](#)). You can then sort the Animals table by clicking any of the column headers. If you know the animal's pen number, you can click a **Pen** option to see only the animals in that pen. When you find the animal you're looking for, click its ID to display a side panel with more details.



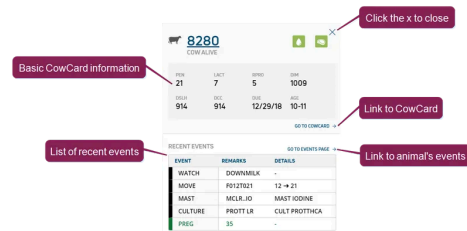
In the side panel, click **Go To CowCard** to view the animal's [CowCard](#).

9.2.3. View & Update Animal Details

The PULSE Animals list allows you to view each animal's details. You can also add events, view event details, or edit the details for an animal from here.

You can find this feature under the [DairyComp/MyDC](#) > [Animals](#) menu.

Click the animal's **ID** on the Animals list to view its details in a side panel.



In the side panel, you can use the left and right arrow keys on your keyboard to step through side panels for the next/previous animals in the list. To close the side panel, click the **X** button in the top-right corner or press the **Esc** key.

Expand the sections below to learn more:

- ✓ **Add Events**
- ✓ **Update Events**
- ✓ **Delete Events**
- ✓ **Edit Animal Details**

9.2.4. Update Animal Data with a Template

- ✓ **Required Permissions**
- ✓ **Click here for a video tutorial on this feature!**

The PULSE **Update Animal Data** feature offers the ability to import sire mating, maternal pedigree, animal identification, and genomic data using a CSV file from any provider. This additional flexibility extends the power of Platform herd management capabilities for reporting and tracking purposes and helps you leverage critical animal data from multiple sources.

You can find this feature under the [DairyComp/MyDC](#) > [Animals](#) menu.

Expand the sections below to learn more.

- ✓ **Download the template and upload data**
- ✓ **Preview data and confirm**
- ✓ **Import summary**
- ✓ **View Animal Data**

9.2.5. Add Animals

✓ Required Permissions

PULSE allows you to add a single animal using the **Add Animal** wizard or multiple animals using the **Import Animals in Batch** option. You can find this feature under the [DairyComp/MyDC](#) > [Animals](#) menu.

Expand the sections below to learn more:

✓ Add a Single Animal

✓ Add Multiple Animals

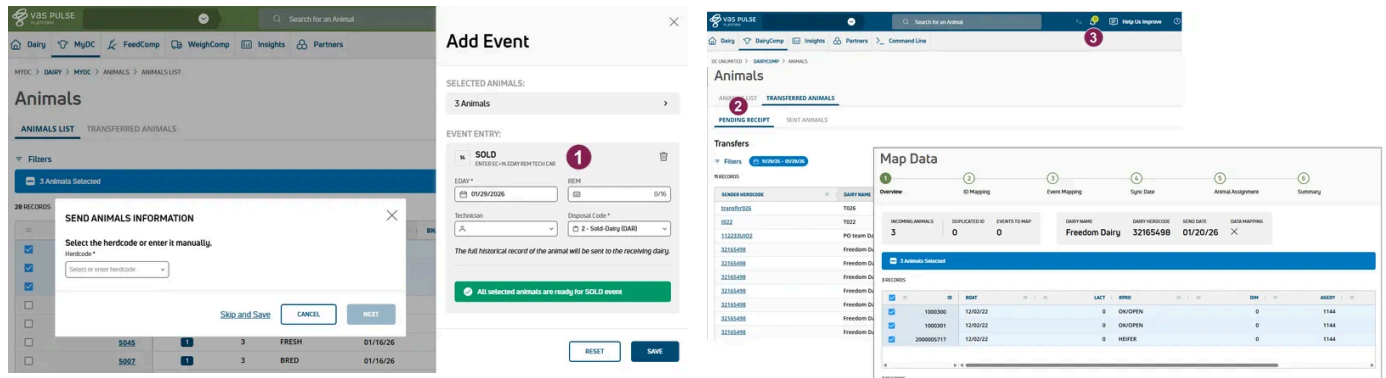
9.2.6. Transfer Animals

✓ Required Setup

✓ Required Permissions

You can transfer animals and their associated records between two PULSE-enabled dairies or source farms. This feature streamlines selling animals or merging herds by keeping data consistent across locations.

You can find this feature under the [DairyComp/MyDC](#) > [Animals](#) menu.



The screenshots illustrate the transfer workflow: 1. Selecting animals and adding a 'SOLD' event. 2. Viewing the list of transferred animals. 3. Mapping event names between the source and receiving dairies.

NOTE:

- Use this feature for permanent relocations. For recurring data sync with heifer growers, continue using iTrans (iLoop and DNT files).
- For animals with previous lactations, PULSE sends data for all lactations automatically.

Expand the topics below to learn more.

1 ✓ Send Animals to Another Dairy

2 ✓ Receive Animals & Map Data

3 ✓ Check for Pending Transfers

Important Distinctions

Event Mapping

- DairyComp Unlimited dairies have the option to map events if the sender dairy has different event names. For instance, the sender dairy may have different vaccination event names, breeding event names, or custom health events. Event mapping allows you to match those unfamiliar events to ones your dairy does use, which preserves key animal data. PULSE saves your event mapping settings, so the next time you buy or receive animals from the same dairy, the transfers can be completed quickly.
- MyDC dairies have standard events, so transfers between MyDC dairies will not require event mapping.
- For transfers received by a MyDC dairy from a DairyComp Unlimited dairy, only standard items are automatically mapped.
- If you choose not to map an incoming event, that event is not saved to the animal's record.

- You can map multiple events from the sender dairy to the same event in the receiver dairy. For instance, the sender dairy may have multiple vaccination events, and the receiver dairy has only one event, VACC.
- See [Check Connected Farms & Mapped Events](#) to learn more.

Discoverable Dairies

- Discoverable dairies: Automatically connect to receive transfers.
- Non-discoverable dairies: Manually enter the 8-digit herdcode when initiating a transfer. (If you do not have the herdcode, contact the dairy.) The dairy owner then receives a connection request from the source farm via email (or in PULSE notifications  at the top of the page and in the [Message Center](#)). After the dairy accepts the request, you can review animals pending transfer.

 **NOTE:** See [Dairy Info](#) to learn more about the discoverable option.

Transferring Animals in DairyComp

DairyComp Unlimited dairies can also manually move animals in DairyComp using the PUTCOW and GETCOW commands, but VAS recommends using PULSE for standard animal movements between dairies to benefit from the following:

- A guided workflow
- Automated data mapping
- Safety checks to prevent duplicate records

Reserve the GETCOW/PUTCOW commands in DairyComp for technical file operations, such as manually recovering a specific animal record from a backup or archive file. See [Transfer Animals from One Dairy to Another](#) to learn more about moving animals in DairyComp.

9.2.6.1. Check Connected Farms & Mapped Events

Use the [Source Farms](#) Settings page for a list of connected farms and dairies. Each farm is identified as a **SENDER**, **RECEIVER**, or **BOTH**. Click the source farm name to view additional details about the farm, including any **Mapped Events**. The event name on the left is the source farm event. For instance, the BRED event in the source farm is mapped to the AI event in the current dairy in this example:


Freedom
Source Farm #1

Status

Active Source Farm

☒

^ Source Farm Info

Choose a name for the Source Farm and optionally set this farm's herdcode.

Source Farm Number *

1

Name *

Freedom7/10

Herdcode *

1234567899/16

^ Mapped Data

EVENT

BRED → AI

VACC → CVAC

162 / 425

Created at Oct 02, 2026

9.2.6.2. Restore a Transferred Animal

If you accidentally initiate the transfer of the wrong animal, you can restore it before the receiving dairy or farm accepts it.

1. Go to [DairyComp/MyDC](#) > [Animals](#) > **Transferred Animals** > **Sent Animals** tab.
2. Click the receiver herdcode for the correct transfer date to view the list of pending animals.
3. Click **Restore** to return the animal to your herd. The Status of that animal's transfer is set to **Cancelled**.

ANIMALS LIST

TRANSFERRED ANIMALS

PENDING RECEIPT

SENT ANIMALS

3 RECORDS

	ID	PEN	BDAT	LACT	EPRO	DIM	AGED	DCC	DUE	STATUS	ACTIONS
☐	50	09/03/14	7	SLD/DIE	0	4125	0	-		Accepted	RESTORE
☐	200	03/23/21	1	FRESH	0	1787	0	-		Cancelled	RESTORE
☐	378	09/05/14	5	SLD/DIE	0	4123	0	-		Pending	RESTORE

3 RECORDS

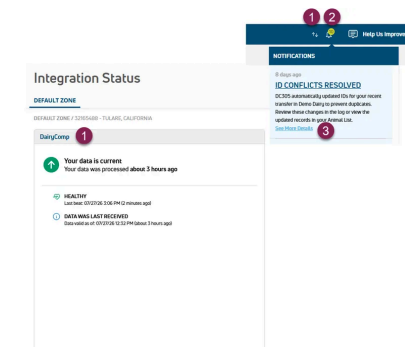
NOTE: If the receiving dairy has already accepted the transfer, the Restore option is no longer available. Contact the destination dairy or farm if a new transfer needs to be initiated from their side.

9.2.6.3. Resolve ID Conflicts for Transfers (DCU only)

✓ Required Permissions

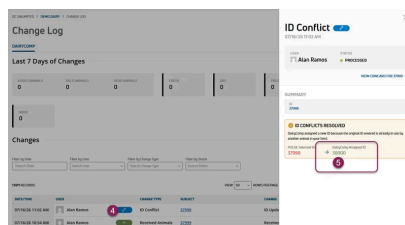
When you receive animals, PULSE and DairyComp verify that the animal IDs do not conflict with any live animals already in your herd. If the systems are out of sync or a conflict is detected, DairyComp automatically re-IDs the incoming animal to prevent data errors. The system also creates an XID event on the new animal's record to store the original intended ID for your reference.

TIP: If you are receiving many animals and are concerned about potential ID conflicts, run the CLEANUP command in DairyComp before receiving transferred animals. See [Animal Records Archive](#) to learn more.



Follow the steps below to address conflicts:

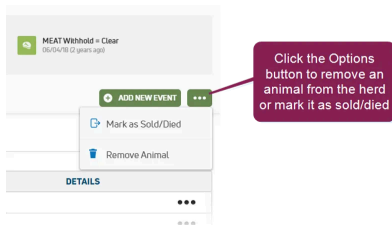
- 1 Confirm that PULSE and DairyComp are actively communicating by checking your [Integration Status](#) at the top of the page in PULSE. If the connection is down, use the [Troubleshooting Guidelines](#) to reestablish the connection.
- 2 Check your PULSE notifications  at the top of the page and in your [Message Center](#) for any **ID Conflicts Resolved** messages. The owner of the dairy also receives an email notification regarding the conflict.
- 3 Click **See More Details** on the notification to go to the [Change Log](#) to see which received animals had ID conflicts.
- 4 Click the update icon  to view the conflict details and note the **DairyComp Assigned ID** for the animal.
- 5 Open your [Animals List](#) and sort by EDAT for animals with recent events. Find the animal with the DairyComp Assigned ID.
- 6 Open the animal's cowcard and go to the Events tab to find the **XID event**. This event stores the original PULSE ID for your reference.
- 7 Edit the animal's record to assign the correct ID:
 - **If the ID belongs to the new animal:** First change the ID of the existing animal in your herd to a different number. Then add a new XID event to the incoming animal to change the number back to the original PULSE ID.
 - **If the ID belongs to the existing animal:** Keep the new ID or assign a different unique number to the incoming animal.



9.2.7. Remove Animals

✓ Required Permissions

As illustrated below, the CowCard for every animal contains a button at the upper right of the page with options for removing the animal from the herd or marking the animal as sold or died. Simply click the Options button  and select either **Mark as Sold or Died** or **Remove Animal**. See the topics below to learn more:

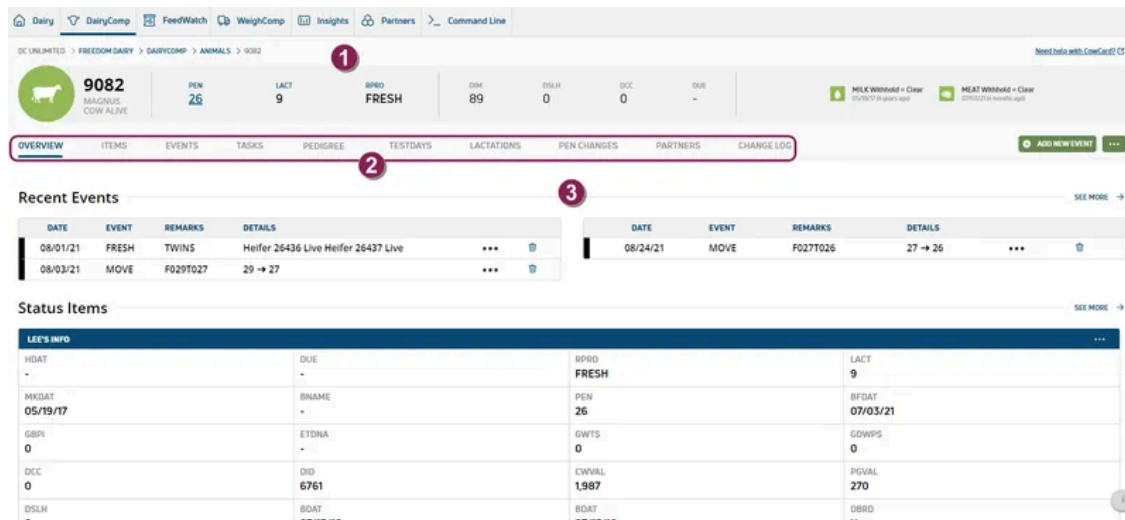


✓ Remove an Animal

✓ Mark an Animal as Sold or Died

9.2.8. CowCards

The numerous ways to open and view a CowCard in PULSE ensure you can always access your animals' information in just a few clicks. To make navigating CowCards much easier, familiarize yourself with the features below.



The screenshot displays the CowCard interface for animal 9082, MAGNUS COW ALIVE. At the top, a summary bar (1) shows key metrics: PEN 26, LACT 9, RPSD FRESH, and various dates. Below this is a row of tabs (2) including OVERVIEW, ITEMS, EVENTS, TASKS, PEDIGREE, TESTDAYS, LACTATIONS, PEN CHANGES, PARTNERS, and CHANGE LOG. The 'Recent Events' section (3) shows a table of activities: 08/01/21 FRESH TWINS, 08/03/21 MOVE, and 08/24/21 MOVE. The 'Status Items' section at the bottom provides a detailed breakdown of the animal's data across various categories like HIDAT, MKDAT, GBR, DCC, DSLH, DUE, BNAME, ETDNA, RPSD, PEN, GWTS, CWVAL, BOAT, LACT, BFOAT, GOWPS, PGVAL, and DBRO.

- 1 **Animal Overview:** The bar at the top of the page provides a brief summary of the animal, such as its current [pen](#) and reproductive code.
- 2 **CowCard Page Tabs:** These tabs are where you'll find all of the animal's details beyond the summary. By default, CowCards open to the **Overview** page. Note that the tabs you see here may vary depending on your dairy's PULSE [Partner integrations](#) and [subscriptions](#).
- 3 **Page Details:** This section of the page displays data for the selected tab. The Overview page, for example, displays the animal's most recent events, a summary of its items, and more.

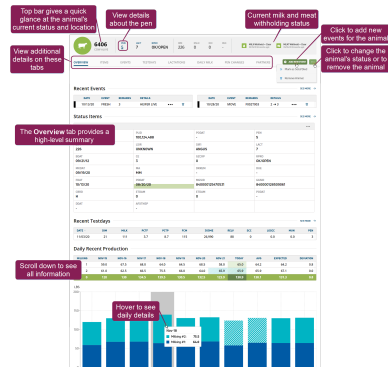
✓ **Already familiar with DairyComp CowCards? Click here to find your data in PULSE CowCards!**

See the topics below to learn more.

- [View Animal Details on CowCards](#)
- [Items](#)
- [Events](#)
- [Tasks](#)
- [Pedigree](#)
- [Testdays](#)
- [Lactations](#)
- [Daily Milk](#)
- [Pen Changes](#)
- [Partners](#)
- [Change Log](#)

9.2.8.1. View Animal Details on CowCards

PULSE CowCards provide a single, highly customizable location for you to monitor your herd. With the ability to view an animal's Items, Events, Testdays, and Lactations, as well as switch easily between data view and graph view, any dairy member can find what they need, whether it's an animal's current status and pen location or its recent milk weights and lactation cycles:

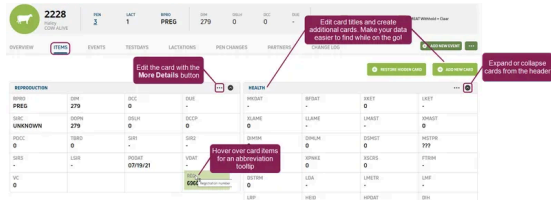


When your dairy is first set up on PULSE, each individual animal receives its own PULSE CowCard. You can then customize these CowCards to better support on-the-go use while out on the dairy. For DairyComp Unlimited subscribers, your PULSE CowCards are built directly from your DairyComp data, and it remains synchronized when you make changes on-premise or in PULSE.

See [Animals on Mobile](#) or [Manage Animals](#) for information on viewing CowCards in the mobile app.

9.2.8.2. Items

PULSE CowCards display all of your items on one page. You can expand and collapse each item card and [edit the titles and items contained within each card](#). You can also [hide item cards](#) from view altogether or only on the mobile app. If you're unsure what an abbreviation means, hover your cursor over it to display a pop-up tooltip.

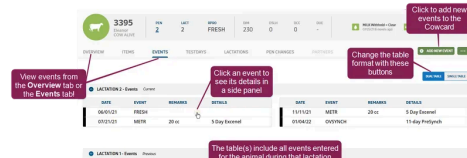


Expand the sections below to learn more:

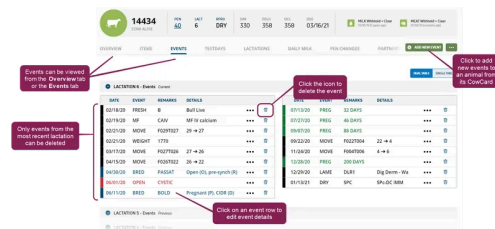
- ✓ **Add or Edit a Card**
- ✓ **Edit Item Values**
- ✓ **View Item Details and History**
- ✓ **Hide a Card from View**

9.2.8.3. Events

PULSE events capture key animal activities, including reproduction-related items (freshening, pregnancy, breeding), location information (movement between pens), and illness details (diagnoses, treatment) that are vital to managing your herd. Events typically contain more information than an item. You can even create specific items, such as the date of a breeding, based on an event. All events for an animal are displayed on the Events page of its CowCard.



The web version of PULSE allows you to add, edit, and delete events directly from the animal's CowCard. You can add one event or multiple events, and then save the event(s) to view on the CowCard once processed.



See [Event Definitions](#) for a full list of standard MyDC events available in PULSE. DC Unlimited dairies may have additional custom events.

Expand the sections below to learn more.

- ✎ **View Events**
- ✎ **Add Events**
- ✎ **Update Events**
- ✎ **Delete Events**
- ✎ **Customize Events for PULSE**

9.2.8.3.1. Event Definitions

See the topics below to learn more about the events available in PULSE and the mobile app.

NOTE: Events are listed in event code order, and may differ for DCU dairies, which support [User-Defined Events](#). The following events are standard for MyDC dairies.

- [FRESH Event](#)
- [OK Event](#)
- [RECK \(Recheck\) Event](#)
- [HEAT Event](#)
- [BRED Event](#)
- [PREG \(Pregnant\) Event](#)
- [OPEN Event](#)
- [PREV \(Previous\) Event](#)
- [MOVE Event](#)
- [BULLPEN Event](#)
- [DRY Event](#)
- [ABORT Event](#)
- [DNB \(Do Not Breed\) Event](#)
- [SOLD Event](#)
- [DIED Event](#)
- [CHECK Event](#)
- [CALFVACC Event](#)
- [XID \(Change ID\) Event](#)
- [BCS \(Body Condition Score\) Event](#)
- [CLOSEUP Event](#)
- [CULTURE Event](#)
- [TBTEST Event](#)
- [MEASURE Event](#)
- [WEAN Event](#)
- [DEHORN Event](#)
- [TEMP Event](#)
- [TEATX3 Event](#)
- [MAST Event](#)
- [PNEU Event](#)
- [LAME Event](#)
- [METR Event](#)

- [RP Event](#)
- [KETOSIS Event](#)
- [MF Event](#)
- [DA Event](#)
- [DIARRHEA Event](#)
- [CYSTIC Event](#)
- [OTHER Event](#)
- [OVSYNCH Event \(MyDC only\)](#)
- [TRIM Event](#)
- [TRANSFER Event](#)
- [COLOSTRUM Event \(MyDC only\)](#)
- [BIRTH Event \(MyDC only\)](#)
- [BABESIOSIS Event \(MyDC only\)](#)
- [ENDOMETRITIS Event \(MyDC only\)](#)

9.2.8.3.1.1. FRESH Event

The FRESH event records that an animal gave birth to one or more calves and started a new lactation. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Defining Calf Details**
- ✓ **Process Changes**

9.2.8.3.1.2. OK Event

✓ [Click here for a video tutorial on this feature!](#)

The OK event confirms an animal's current status. It can also be used to change a FRESH animal to OK/OPEN status. Expand the sections below to learn more:

✓ **Event Guidelines**

✓ **Process Changes**

9.2.8.3.1.3. RECK (Recheck) Event

The RECK event records that an animal has been rechecked and leaves the animal's record as is. RECK does not change an animal's reproduction status and keeps the animal on the vet list for the next vet check. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.4. HEAT Event

The HEAT event records that an animal had a heat and was not bred for the current cycle. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.5. BRED Event

The BRED event records when an animal is bred using artificial insemination or mates with a bull. Expand the sections below to learn more:

- ▼ **Event Guidelines**
- ▼ **Process Changes**

9.2.8.3.1.6. PREG (Pregnant) Event

The [PREG](#) event records that an animal is pregnant. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.7. OPEN Event

The OPEN event records that an animal is **not** pregnant. If the animal was previously pregnant, use the ABORT event to capture the loss of the pregnancy. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.8. PREV (Previous) Event

The PREV event records that an animal is pregnant from a **previous** or unknown breeding. You can also use a PREV event when you need to set the sire of conception at the same time you are updating an animal's record to show that she is pregnant. Expand the sections below to learn more:

- ▼ **Event Guidelines**
- ▼ **Process Changes**

9.2.8.3.1.9. MOVE Event

The MOVE event records when an animal is moved to a different [pen](#). Expand the sections below to learn more:

- ▼ **Event Guidelines**
- ▼ **Process Changes**

9.2.8.3.1.10. BULLPEN Event

The BULLPEN event records when an animal is moved from a standard [pen](#) to a bull pen. The date of the BULLPEN event may help in estimating the conception date for a pregnancy. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.11. DRY Event

The DRY event records the end of a lactation when an animal is removed from milking to prepare for calving. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.12. ABORT Event

The ABORT event records that an animal's pregnancy ended and resulted in a loss of the fetus. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.13. DNB (Do Not Breed) Event

The [DNB](#) event identifies an animal as "Do Not Breed" to keep it from all breeding activity. This event is also automatically added to heifer calves born as a twin or triplet to a bull ([freemartin](#)). Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.14. SOLD Event

The SOLD event records that an animal was sold and removed from the herd. SOLD events require that you enter a [Disposal Code](#) to capture the reason for the animal's departure. Expand the sections below to learn more:

- ▼ **Event Guidelines**
- ▼ **Process Changes**

9.2.8.3.1.15. DIED Event

The DIED event records that an animal died and was removed from the herd. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.16. CHECK Event

The CHECK event adds an animal to the vet list to be evaluated by the veterinarian at the next vet check. Be sure to use CHECK to have an animal checked for pregnancy or illness. Do NOT use RECK, which doesn't necessarily add an animal to the vet list to be checked. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.17. CALFVACC Event

The CALFVACC event records a calf's brucellosis vaccination and is often used to assign a tag number to a calf. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.18. XID (Change ID) Event

The [XID](#) event records a change to the animal's [ID](#) number. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.19. BCS (Body Condition Score) Event

The BCS event records the animal's body condition score, which is used to evaluate an animal's energy balance based on being extremely thin (1.00) or having excessive fat deposits (5.00). The value can be a whole number or decimal, and you can include additional notes using the [REM](#) field for the event (up to 16 alpha-numeric characters). Expand the sections below to learn more:

- ▼ **Event Guidelines**
- ▼ **Process Changes**

9.2.8.3.1.20. CLOSEUP Event

The CLOSEUP event records when a dry animal is moved to a special [pen](#) for observation and preparation for calving. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.21. CULTURE Event

The [CULTURE](#) event records when an animal's milk is collected for testing. You can specify either a single quarter or all quarters. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.22. TBTEST Event

The TBTEST event records when an animal is tested for [tuberculosis](#). Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.23. MEASURE Event

The MEASURE event records an animal's height and/or weight. Expand the sections below to learn more:

- ▼ **Event Guidelines**
- ▼ **Process Changes**

9.2.8.3.1.24. WEAN Event

The [WEAN](#) event records when a calf no longer receives milk for feedings. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.25. DEHORN Event

The [DEHORN](#) event records when an animal's horns are removed. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.26. TEMP Event

The TEMP event records the animal's temperature. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.27. TEATX3 Event

The [TEATX3](#) event identifies an animal as having only 3 functional teats, usually [due](#) to [mastitis](#), injury, or a physical deformity. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.28. MAST Event

The MAST event records a [mastitis](#) diagnosis. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.29. PNEU Event

The PNEU event records a [pneumonia](#) diagnosis. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.30. LAME Event

The [LAME](#) event records a lame diagnosis. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.31. METR Event

The METR event records a [metritis](#) diagnosis. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.32. RP Event

The RP event records a [retained placenta](#) diagnosis. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.33. KETOSIS Event

The [KETOSIS](#) event records a ketosis diagnosis. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.34. MF Event

The MF event records a [milk fever](#) diagnosis. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.35. DA Event

The DA event records a [displaced abomasum](#) diagnosis. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.36. DIARRHEA Event

The [DIARRHEA](#) event records a diarrhea diagnosis. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.37. PINKEYE Event

The PINKEYE event records a [pink eye](#) diagnosis. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.38. CYSTIC Event

The [CYSTIC](#) event records a cystic ovary diagnosis. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.39. OTHER Event

The OTHER event may be used to record a diagnosis or test that is not available as a standard PULSE event. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.40. OVSYNCH Event (MyDC only)

The OVSYNCH event records when an animal starts a reproduction [protocol](#). For more information on enrolling animals and completing and tracking protocol tasks in PULSE and the mobile app, see [OvSynch Event Instructions](#).

9.2.8.3.1.41. TRIM Event

The [TRIM](#) event records when an animal receives a hoof trim. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.42. BLSERUM Event

The BLSERUM event records when an animal's [blood serum](#) is tested. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.43. VACC Event

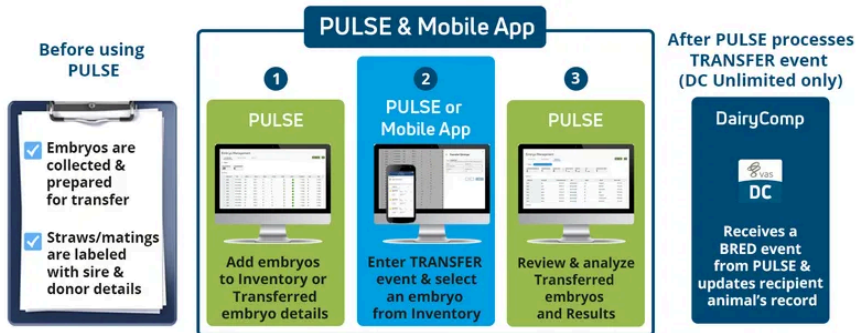
The VACC event records a vaccination. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.44. TRANSFER Event

✓ [Click here for video tutorials on this feature!](#)

The TRANSFER event is a PULSE-only event added to recipient animals for embryo transfers. PULSE allows you to manage your embryo inventory and enter TRANSFER events in web or the mobile app.



Expand the sections below to learn more:

- ✓ **Add a TRANSFER Event**
- ✓ **TRANSFER Event Details**
- ✓ **Process Changes**
- ✓ **Embryo Transfer Results**
- ✓ **Embryo Transfers in DairyComp (for DC Unlimited dairies)**

9.2.8.3.1.45. COLOSTRUM Event (MyDC only)

The COLOSTRUM event is a MyDC-only event that captures when newborn calves receive colostrum or replacer. Colostrum, the first milk produced by a cow after birth, is high in nutrients and antibodies that provide calves initial protection against disease. Calves need about 2 quarts (2 liters) of colostrum within 4 hours of birth and 1 gallon (4 liters) within 12 hours.

- ▼ **Event Guidelines**
- ▼ **Process Changes**

9.2.8.3.1.46. BIRTH Event (MyDC only)

The BIRTH event is a MyDC-only event that is automatically created with a FRESH event and added to the calf's CowCard. Changes to the BIRTH event can only be made from the dam's FRESH event.

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.47. BABESIOSIS Event (MyDC only)

The BABESIOSIS event records a babesiosis diagnosis. Babesiosis is a parasitic tick-borne disease that affects the blood cells of animals. It is also known as redwater, tick fever, or Texas fever. Expand the sections below to learn more:

- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.3.1.48. ENDOMETRITIS Event (MyDC only)

The ENDOMETRITIS event records an endometritis diagnosis. Endometritis is an inflammatory disease of the endometrium, the inner lining of the uterus, which may impact an animal's fertility and milk production. Expand the sections below to learn more:

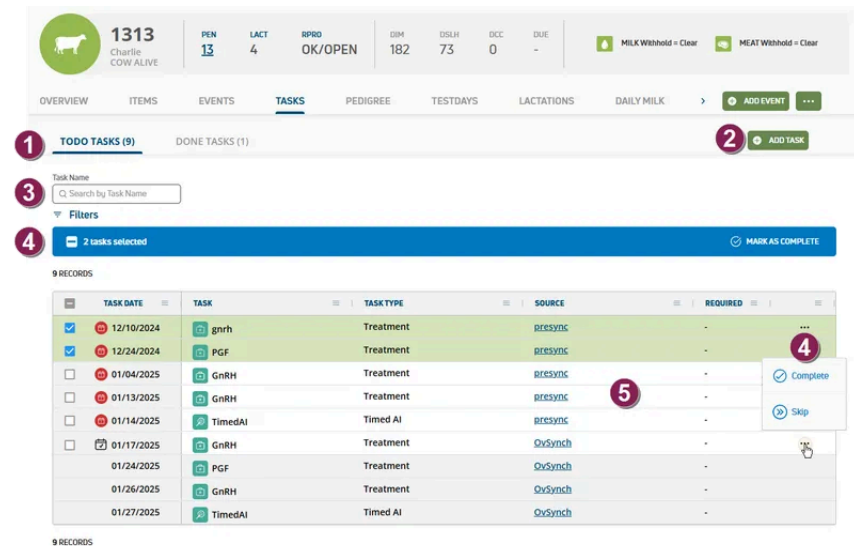
- ✓ **Event Guidelines**
- ✓ **Process Changes**

9.2.8.4. Tasks

✓ **Can't find this feature? Make sure it's included in your subscription!**

Use the CowCard **Tasks** tab to view or add new tasks for an animal, or complete any outstanding tasks as needed.

Follow the guidelines below when working with the CowCard Tasks tab:



1 View Tasks: Click **Todo Tasks** to view or process animals that have outstanding tasks or click **Done Tasks** to view tasks that have been processed.

2 Add Tasks: Click **Add Task** in the upper right to open a side panel and add new tasks for the animal.

✓ **Tell me more!**

3 Filter the List:

- Type text in the **Task Name** field to search open task by name. Once text is typed, click the **Clear Filter(s)** option to clear the text typed.
- Click **Filters** at the top left of the page to limit the data that is displayed. Once a filter is applied, click the **X** on a specific filter to remove it. Or, click the **Clear Filter(s)** option to clear all filters.

✓ **Click here to learn about filtering tasks in mobile!**

4 Process Tasks: You can process a task by marking it complete or by skipping it. Check one or more boxes next to the tasks on the left side of the page to process them. A blue bar is displayed above the table. Click **Mark as Complete** to complete the checked tasks.

✓ **Tell me more about processing tasks in PULSE!**

✓ **Tell me more about processing tasks in mobile!**

5 View Task Details: Click the task's **Source** to open a side panel and view its details.

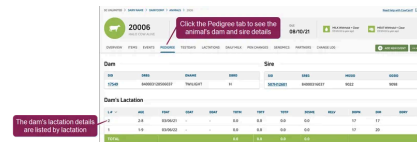
▼ **Tell me more!**

To learn more about processing tasks from an Open Tasks list, see [Process Open Tasks \(MyDC Only\)](#) or [Step 3: Complete OvSynch Tasks](#).

9.2.8.5. Pedigree

✓ Can't find this feature? Make sure it's included in your subscription!

Use the **Pedigree** tab on the CowCard to learn more about an animal's dam and sire, the dam's lactation history, and offspring information for the animal's calf.



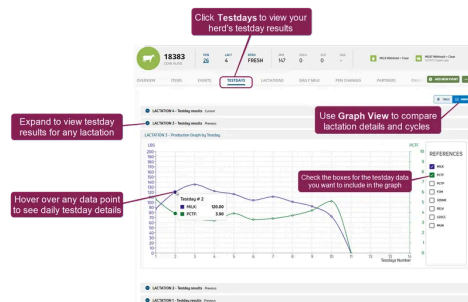
Pedigree information can be used to predict or determine which important traits may be inherited by an animal. For example, you can use a dam's lactation history to predict how much milk its calf may produce in its lifetime.

Expand the sections below to learn more:

- ✓ **Dam and Sire Details**
- ✓ **Update Pedigree**
- ✓ **Dam's Lactations**
- ✓ **Offspring**
- ✓ **View Calves List**

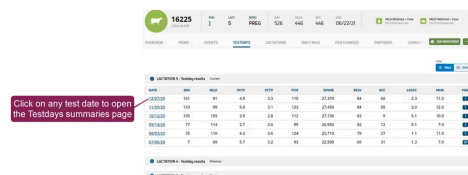
9.2.8.6. Testdays

The Testdays tab on an animal's CowCard provides information about your animal's testday results by lactation. On this page you can easily switch between the **Table View** or the **Graph View**.



Testday data is collected by your dairy's [DHI](#) (Dairy Herd Improvement) processing center. The date of this collection is commonly known as the "test day." Testday data includes such things as milk weight, fat percentage, and somatic cell count ([SCC](#)), and is displayed on the Testdays tab of each CowCard.

Click on any testday to open the [Testdays](#) page, where you can view straightforward, easy-to-follow graphs and summaries about your herd's testday results.

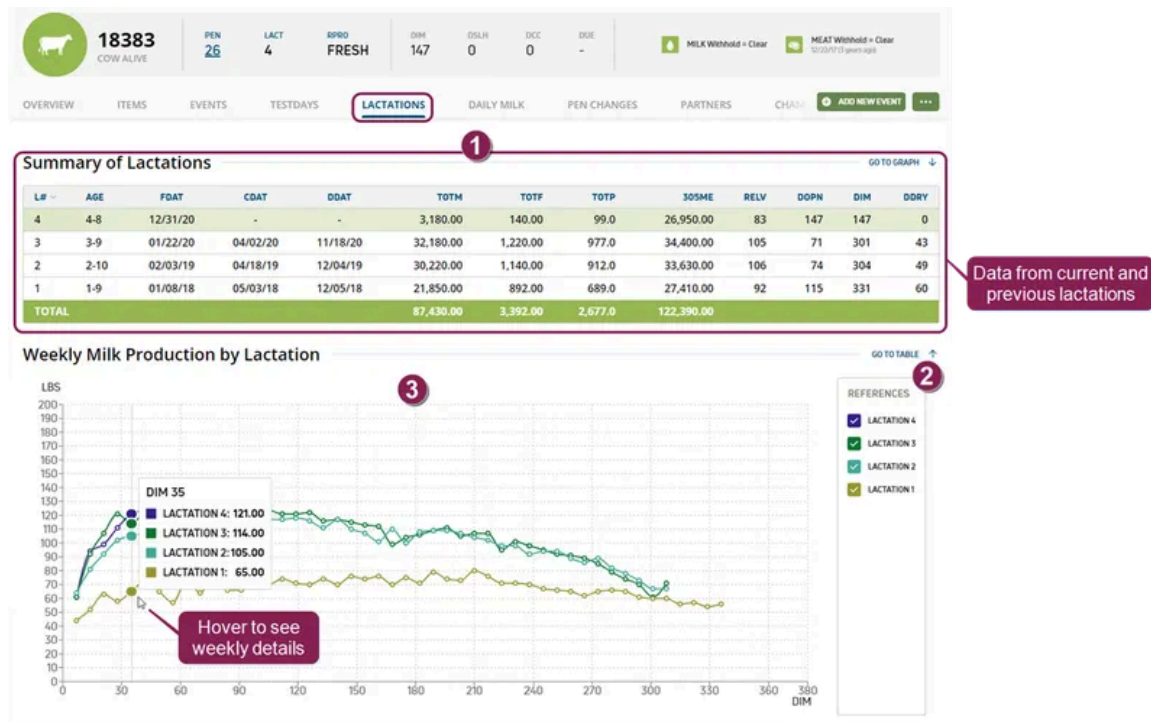


DATE	MILK	FAT	PROT	SCC
01/01/20	85	4.3	3.1	100
01/08/20	100	3.8	3.4	100
01/15/20	110	3.5	3.2	100
01/22/20	120	3.2	3.0	100
01/29/20	130	3.0	2.8	100
02/05/20	140	2.8	2.6	100
02/12/20	150	2.5	2.4	100
02/19/20	160	2.2	2.2	100

See [Testdays](#) to learn more.

9.2.8.7. Lactations

The **Lactations** tab on the CowCard allows you to review a summary of the animal's lactations. A data table is located at the top of the page and a graph of milk weights is found at the bottom. See the topics below to learn more:

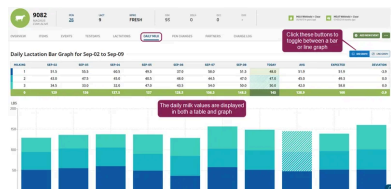


- 1 Summary of Lactations:** This table contains some of the most important milking-related statistics for each of the animal's lactations, allowing you to gauge its lifetime production rates at a glance. The Total row at the bottom of the table provides the cumulative values across all lactations for the "totaled" statistics.
- 2 References:** By default, only the checkbox for the current lactation is selected. When you check any other box, the line graph for the associated lactation is displayed on the page. You can check any number of boxes to compare the animal's weekly milk weights across lactations.
- 3 Weekly Milk Production by Lactation:** Each point on the graph represents the average milk weight recorded over the course of a week. Hovering your cursor over a point displays a pop-up containing the average milk weights during that week for all lactations on the graph.

NOTE: If you have a parlor integration installed, the data displayed in this tab will come directly from the integrated parlor(s). Additionally, this tab also reflects testday data, so if a parlor integration is not connected the lactation curve reflects milk weights recorded on test day. PULSE calculates estimated weekly milk totals based on your monthly testday data. See [Connect Parlor Integration and Configure Shifts \(MyDC\)](#) to learn more.

9.2.8.8. Daily Milk

Herds with a meter configured for daily milk readings can view an animal's daily milk in a table and a graph on the **Daily Milk** tab in the CowCard . You can click the **Bar Graph** or **Line Graph** buttons to change the graph style.

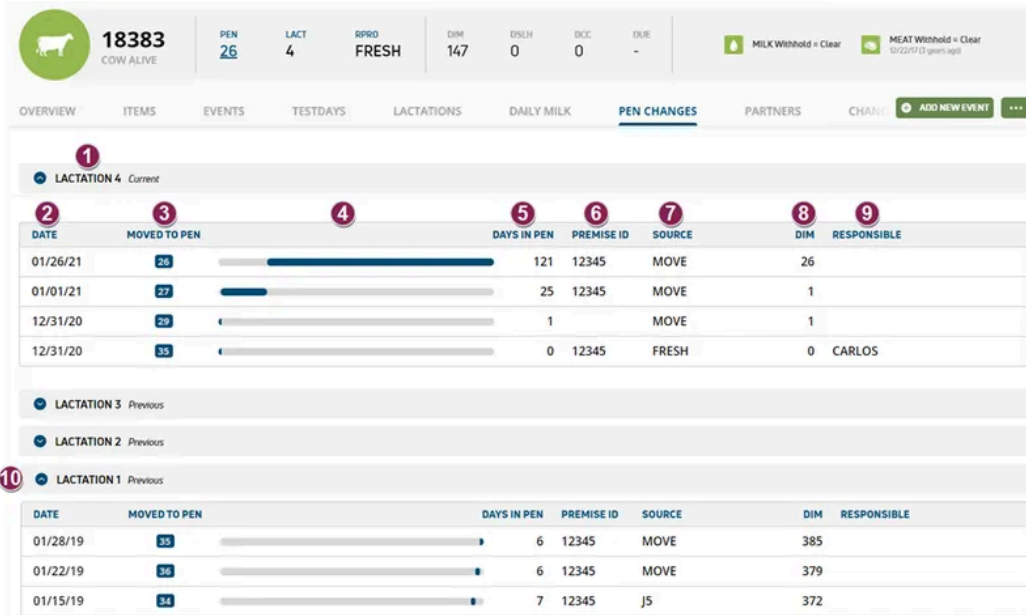


Expand the sections below to learn more.

- ✓ **Daily Lactation Bar Graph**
- ✓ **Weekly Lactation Line Chart**

9.2.8.9. Pen Changes

Click the [Pen Changes](#) tab on the CowCard for a detailed view of an animal's pen changes, organized by lactation cycle.



DATE	MOVED TO PEN	DAYS IN PEN	PREMISE ID	SOURCE	DIM	RESPONSIBLE
01/26/21	26	121	12345	MOVE	26	
01/01/21	27	25	12345	MOVE	1	
12/31/20	29	1		MOVE	1	
12/31/20	35	0	12345	FRESH	0	CARLOS

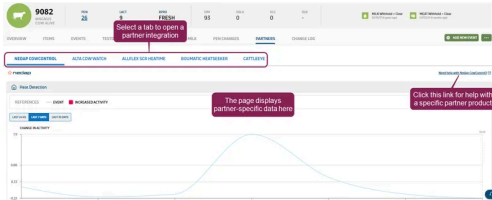
DATE	MOVED TO PEN	DAYS IN PEN	PREMISE ID	SOURCE	DIM	RESPONSIBLE
01/28/19	35	6	12345	MOVE	385	
01/22/19	36	6	12345	MOVE	379	
01/15/19	34	7	12345	J5	372	

See the topics below to learn more.

- 1 Details for the current lactation cycle. The section for the current cycle is expanded by default.
- 2 **Date:** The day when an event triggered a pen change for this animal.
- 3 **Moved to Pen:** The animal's new pen.
- 4 A visual bar reference for the amount of time the animal was in each pen (blue) over the course of the lactation (gray). The blue portion of the bar helps you see how long the animal was in each pen during the lactation.
- 5 **Days in Pen:** The number of days the animal spent in the pen.
- 6 **Premise ID:** Pen identifier related to each PULSE [Zone](#) of the dairy.
- 7 **Source:** The event that triggered the pen change.
- 8 **DIM:** The number of days the animal was in milk until the source triggered the pen change.
- 9 **Responsible:** The dairy worker responsible for the event that triggered the pen change.
- 10 You can expand any other lactation section to see previous pen change details. Multiple sections can be opened at the same time.

9.2.8.10. Partners

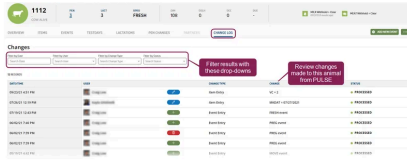
Open this tab on the CowCard to access data from any of your integrated PULSE partner products. Within the **Partners** tab, you'll find additional tabs for each partner integration, as illustrated in the example below. The data presented on each partner-specific tab will vary depending on the product. If you have questions about a specific partner integration, each tab contains a **Need help with** link you can click for more information.



See [Partners](#) to view all supported partner integrations.

9.2.8.11. Change Log

The **Change Log** tab on the CowCard displays a history of the updates made to an animal from PULSE. You can use the **Filter** fields above the table to only see changes that match your criteria.



The screenshot shows the 'Changes' tab for animal 1112. Above the table are filter fields for 'Filter by Date', 'Filter by Change Type', and 'Filter by Status'. The table lists various changes with columns for 'DATE/TIME', 'USER', 'ACTION', 'ITEM', 'EVENT', and 'STATUS'. Callouts indicate that clicking a change reveals more details and that a link takes you to the associated CowCard page.

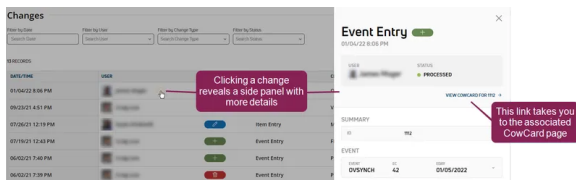
Changes are separated into three categories, each represented by a unique icon:

- **Add:** This change added something to the animal's CowCard.
- **Update:** This change modified something already present on the animal's CowCard.
- **Delete:** This change removed something from the animal's CowCard.

From the Changes list, you can determine:

- The date and time a change was made
- Who made the change
- The type of change (see table above)
- The type of entry that was changed (Item, Event, etc.)
- A brief description of the change
- Whether the change is still in progress or has already been processed

Click on any row in the table to display the change details in a side panel. Within the side panel, you can click the **View CowCard** link to jump to the updated animal's CowCard.



The screenshot shows the 'Changes' tab for animal 1112. A side panel titled 'Event Entry' is open, showing details for a change made on 01/04/22 at 8:00 PM. The side panel includes a 'VIEW COWCARD' link. Callouts indicate that clicking a change reveals more details and that the link takes you to the associated CowCard page.

9.3. Pens

- ✓ **Required Setup**
- ✓ **Required Permissions**

You can manage PULSE pens and zones on the **Pens** page. You can find this feature under the [Dairy menu](#).

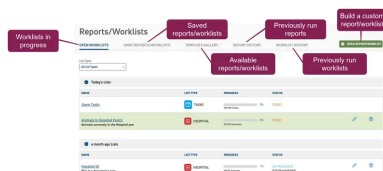
At the top left of the page, click the **Pens** tab to view all available pens in PULSE. Or, click the **Zones** tab to view all available zones.

- ✓ **Pens**
- ✓ **Zones**

9.4. Reports/Worklists

✓ **Click here for a video tutorial on this feature!**

The PULSE Reports/Worklists tool allows you to view your dairy data in reports, as well as create [worklists](#) to manage daily activities at your dairy. You can create your own custom reports and worklists or create them from the many templates provided in PULSE.



NOTE: In addition to generating reports and worklists in PULSE, DCU dairies can also generate reports and worklists in on-premise DairyComp and send them to PULSE. See [Send Worklists from DC305 to PULSE \(DC Unlimited only\)](#) to learn more about DairyComp worklists.

Easily access and monitor your worklists in the PULSE web interface, or process them out on the farm by using the mobile app, which allows pairing with RFID scanners to make the work go even faster. All worklist updates are automatically synchronized between PULSE and the mobile app!

You can find this feature under the [DairyComp/MyDC > Reports/Worklists menu](#). See the topics below to learn more:

- [Create New Reports or Worklists](#)
- [Process Open Worklists in PULSE](#)
- [Process Open Worklists in the Mobile App](#)
- [Manage Dairy Reports/Worklists](#)
- [View Report History](#)
- [View Worklists History](#)
- [View Event History \(MyDC Only\)](#)
- [Task Lists \(MyDC only\)](#)
- [Tips for Using Worklists in PULSE](#)
- [Learn More about Hospital Lists](#)
- [Learn More about To-Do Lists](#)
- [Learn More about Vet Lists](#)

✓ **Related Topics**

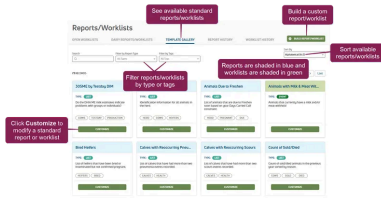
9.4.1. Create New Reports or Worklists

PULSE supports multiple methods of creating a report or [worklist](#). See the topics below to learn more:

- [Create from a PULSE Template](#)
- [Run Saved Reports or Worklists](#)
- [Build Custom Reports or Worklists](#)
 - [Build a LIST Report](#)
 - [Build a COUNT Report](#)
 - [Build a SUM Report](#)
 - [Build an Event List](#)
 - [Build a Hospital List](#)
 - [Build a To-Do List](#)
 - [Build a Vet List](#)
- [Create a Worklist from a Report](#)
- [See Reports/Worklists Results](#)
- [Send Worklists from DairyComp to PULSE \(DCU only\)](#)

9.4.1.1. Create from a PULSE Template

The **Template Gallery** page provides all standard reports and [worklists](#) that are available for your dairy within PULSE. Note that reports are shaded in **blue** and worklists are shaded in **green**.



You can find this feature under the [DairyComp/MyDC > Reports/Worklists menu](#) on the Template Gallery tab.

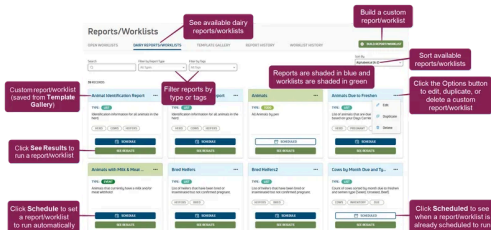
You can customize any standard report or worklist available in the gallery! Click the **Customize** button to open the report in [Report/Worklist Builder](#). After your standard report is customized and saved, the report is added to the [Dairy Reports/Worklists](#) page.

See [Build Custom Report or Worklist](#) to learn more about customizing standard reports and worklists.

9.4.1.2. Run Saved Reports or Worklists

Required Permissions

The **Dairy Reports/Worklists** page includes the reports or worklists you customized from the [Template Gallery](#), as well as any other custom reports you created using [Report/Worklist Builder](#). Note that reports are shaded in **blue** and worklists are shaded in **green**.

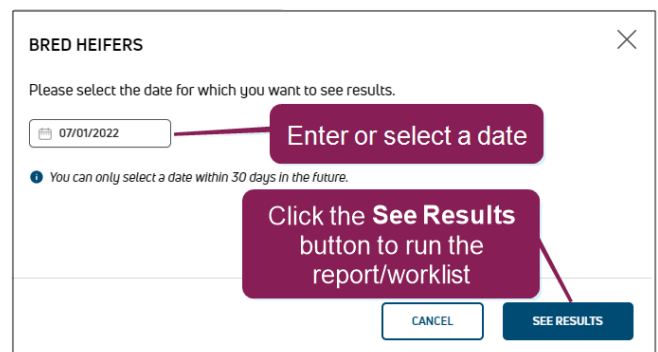
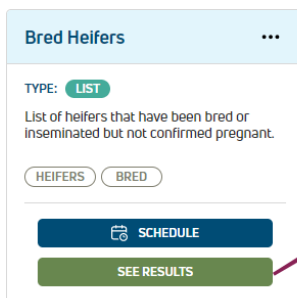


You can run reports or worklists for today or up to 30 days in the future. This option allows you to collect additional data and gives you even more choices when planning tasks and managing your herd.

You can find this feature under the [DairyComp/MyDC > Reports/Worklists menu](#) on the Dairy Reports/Worklists tab.

Follow the steps below to continue:

- 1 Click the **See Results** button to open the options window.



- 2 The date field defaults to today's date. Click on the date field to change it.



NOTE: You cannot select a date in the past, but you can select a date up to 30 days in the future.

- 3 Click the **See Results** button to run the report or worklist. PULSE builds the report or worklist and displays the results on the [ReportWorklistResults.htmReports/Worklists Results](#) page.


Animals Due to Freshen 4
LIST OF ANIMALS THAT ARE MORE THAN 270 DCC AND ARE DUE T...

LIST DATE
 10/21/22

Report/worklist name

EDIT




696 RECORDS

VIEW 50 ROWS PER PAGE

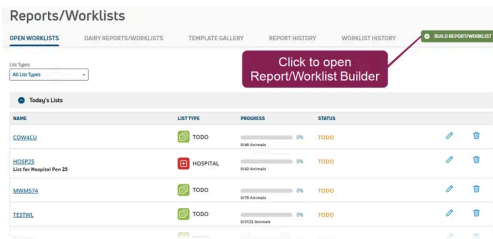
First
 < 1 2 3 4 5 ... 14 >
 Last

ID	PEN	LACT	RPRO	SIRC	DCC	DUE
11	1	4	PREG	-	588	12/17/2021
22	0	3	DRY	-	661	10/05/2021
26	2	5	DRY	-	482	04/02/2022
39	0	4	PREG	-	596	12/09/2021
51	1	4	PREG	-	596	12/09/2021
55	3	3	PREG	-	641	10/25/2021
166	1	3	DRY	-	704	08/23/2021
183	0	2	PREG	-	572	01/02/2022

9.4.1.3. Build Custom Reports or Worklists

Report/[Worklist](#) Builder allows you to quickly build a report in an easy-to-use, drag and drop interface. Builder currently supports List, Count, and Sum reports, as well as To-Do Lists, Vet Lists, Hospital Lists, and Event Lists.

You can find this feature under the [DairyComp/MyDC > Reports/Worklists menu](#). Select **Build Report/Worklist** from the menu or click the button on the top right of any of the main Reports/Worklists pages to access the builder.



You will also use Report/Worklist Builder when editing or updating your [Dairy Reports/Worklists](#).

NOTE: If you build a worklist report type, you can convert it to an actionable list after it is generated. See [Create Worklist from Report](#) to learn more!

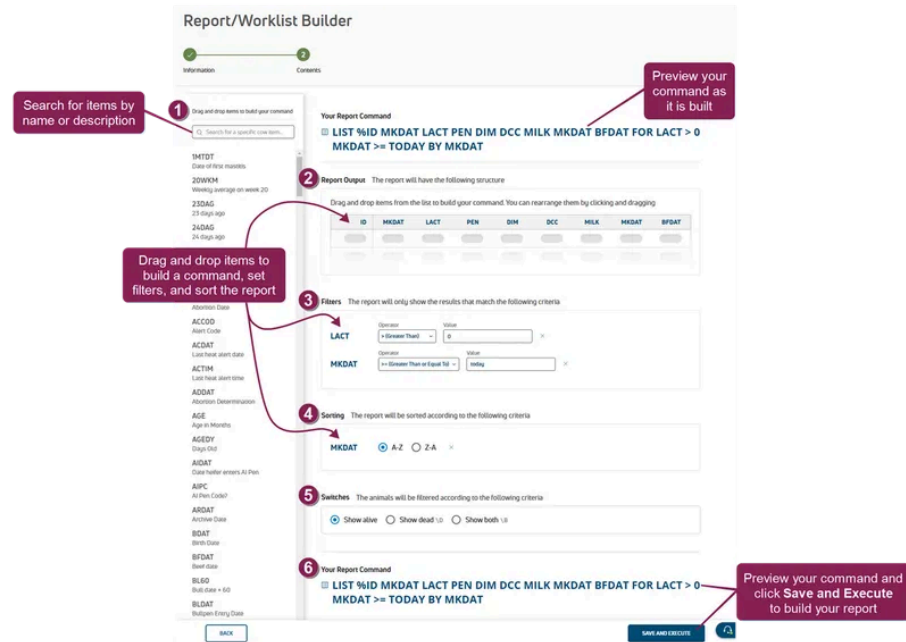
See the topics below to learn more:

- [Build a LIST Report](#)
- [Build a COUNT Report](#)
- [Build a SUM Report](#)
- [Build an Event List](#)
- [Build a Hospital List](#)
- [Build a To-Do List](#)
- [Build a Vet List](#)

✓ Related Topics

9.4.1.3.1. Build a LIST Report

A LIST report in PULSE generates a listing of animals with certain items and conditions.



The screenshot shows the 'Report/Worklist Builder' interface. It includes a search bar at the top, a list of items on the left, and a central area for building the report. The report is titled 'Your Report Command' and shows a list of items: LACT, MKDAT, LACT, PEN, DIM, DCC, MILK, MKDAT, BFDAT. The report is filtered by 'LACT' and sorted by 'MKDAT'. The interface also includes sections for 'Filters', 'Sorting', and 'Switches'.

- Search for items by name or description
- Drag and drop items to build your command, set filters, and sort the report
- Preview your command as it is built
- Preview your command and click Save and Execute to build your report

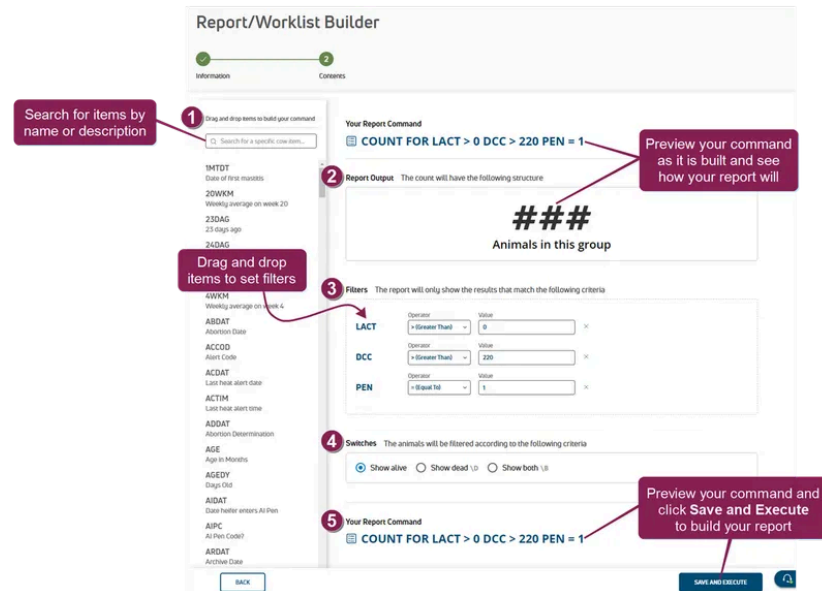
Follow the steps below to continue:

- Use the search field at the top of the items list to find items by name or description. For example, searching for "sire" finds all associated items in your dairy: [LSIR](#), [MGSIR](#), [PSIRC](#), [SIR1](#), etc.
 - ✓ **Show me how to search for items!**
- To build your report, drag and drop items from the items list onto the **Report Output** area. Reorder the columns by dragging and dropping the item names [LACT](#) or click the **x** next to an item name to delete it.
 - ✓ **Show me how to reorder columns and delete items!**
- To set filters, drag and drop items from the items list into the **Filters** area, and then choose an **Operator** from the drop-down and set a **Value** for the operator.
 - ✓ **Show me how to filter a report!**
- To customize how items are sorted on your report, drag and drop items from the items list into the **Sorting** area, and then choose the sort order:
 - A - Z: Ascending sort (low to high, earliest to latest)
 - Z - A: Descending sort (high to low, latest to earliest)
- In the **Switches** area, select to include alive, dead, or all animals in your report.

- 6 Click **Save and Execute** to build your report and display the results of the report on the [See Reports/Worklists Results](#) page.
DC Unlimited subscribers can also preview the command as the report is being built.
 - ✓ **Show me how to build a LIST report!**

9.4.1.3.2. Build a COUNT Report

A COUNT report in PULSE calculates the total number of animals that match certain items and conditions.



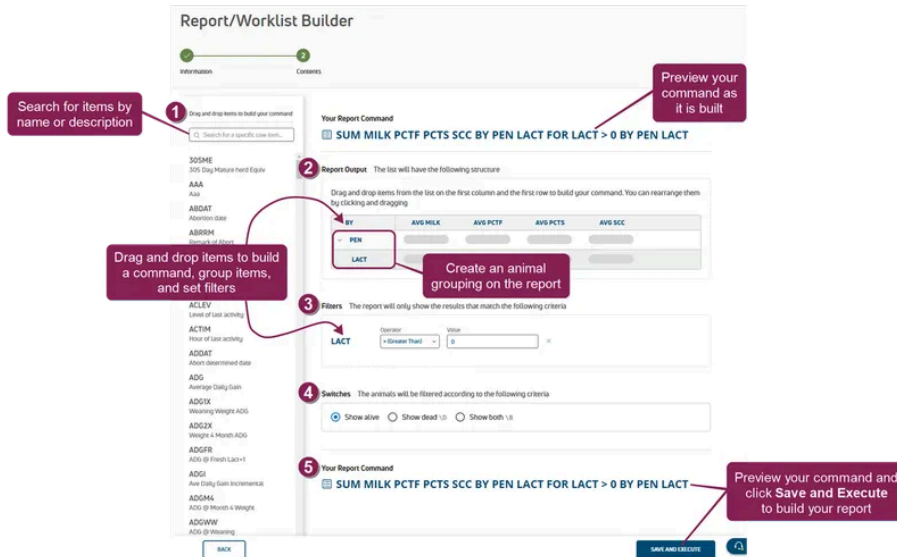
The screenshot shows the 'Report/Worklist Builder' interface. It has two tabs: 'Information' and 'Criteria'. The 'Criteria' tab is active. On the left, there is a list of items with a search bar at the top. Callout 1 points to the search bar. Callout 2 points to the 'Your Report Command' field, which contains 'COUNT FOR LACT > 0 DCC > 220 PEN = 1'. Callout 3 points to the 'Filters' section, which has three rows: 'LACT' with operator '> Greater Than' and value '0', 'DCC' with operator '> Greater Than' and value '220', and 'PEN' with operator '> Greater Than' and value '1'. Callout 4 points to the 'Switches' section, which has three radio buttons: 'Show alive' (selected), 'Show dead', and 'Show both'. Callout 5 points to the 'Your Report Command' field again, with a note to 'Preview your command and click Save and Execute to build your report'. At the bottom right, there is a 'SAVE AND EXECUTE' button.

Follow the steps below to continue:

- 1 Use the search field at the top of the items list to find items by name or description. For example, searching for "sire" finds all associated items in your dairy: [LSIR](#), [MGSIR](#), [PSIRC](#), [SIR1](#), etc. See the [Build a LIST Report](#) topic to learn more about using search.
- 2 Preview how your report will look in the **Report Output** field, which is read only and cannot be customized on the COUNT report.
- 3 To set filters, drag and drop items from the items list into the **Filters** area, and then choose an **Operator** from the drop-down and set a **Value** for the operator. See the [Build a LIST Report](#) topic to learn more about using filters.
- 4 In the **Switches** area, select to include alive, dead, or all animals in your report.
- 5 Click **Save and Execute** to build your report and display the results of the report on the [See Reports/Worklists Results](#) page. DC Unlimited subscribers can also preview the command as the report is being built.

9.4.1.3.3. Build a SUM Report

A SUM report generates averages for specific items or animals within certain groups and presents details in a table or graph



The screenshot shows the 'Report/Worklist Builder' interface with the following components and annotations:

- Step 1:** Search for items by name or description. A callout points to the search field at the top of the items list.
- Step 2:** Drag and drop items to build your command. A callout points to the 'Your Report Command' section showing the command: `SUM MILK PCTF PCTS SCC BY PEN LACT FOR LACT > 0 BY PEN LACT`.
- Step 3:** Drag and drop items to build a command, group items, and set filters. A callout points to the 'Report Output' section showing the structure: `BY PEN LACT`.
- Step 4:** Filters. A callout points to the 'Filters' section showing the criteria: `LACT` with a value of `> 0`.
- Step 5:** Preview your command and click Save and Execute to build your report. A callout points to the 'Preview your command and click Save and Execute' button.

Follow the steps below to continue:

- 1 Use the search field at the top of the items list to find items by name or description. For example, searching for "sire" finds all associated items in your dairy: LSIR, MGSIR, PSIRC, SIR1, etc. See the [Build a LIST Report](#) topic to learn more about using search.

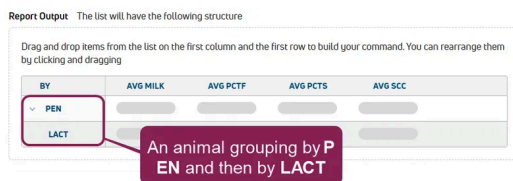
- 2 To build your report, drag and drop items from the items list onto the **Report Output** area. Reorder the columns by dragging and dropping the item names [LACT](#) or click the **x** next to an item name to delete it. See the [Build a LIST Report](#) topic to learn more about reordering and deleting columns.

The SUM report automatically adds "AVG" to the item name when an item is dragged and dropped from the items list into the column header on the right side of the **Report Output** area.



The SUM report also allows you to control how some animals are grouped by dragging and dropping items from the items list into a row beneath the **BY** column on the left side of the **Report Output** area. The first item dropped will become the first grouping on the report.

For example, if you drag and drop the [PEN](#) item and then drag and drop the [LACT](#) item beneath it, an animal grouping is created by pen and then by lactation.



When the report is run, the results are grouped first by pen and then by lactation.

BY PEN	
BY PEN	2019 animals
BY LACT IN PEN=0	1 animal
BY LACT IN PEN=1	84 animals
BY LACT IN PEN=2	158 animals
BY LACT IN PEN=3	151 animals

- 3 To set filters, drag and drop items from the items list into the **Filters** area, and then choose an **Operator** from the drop-down and set a **Value** for the operator. See the [Build a LIST Report](#) topic to learn more about using filters.

- 4 In the **Switches** area, select to include alive, dead, or all animals in your report.

The SUM report also allows you to control how some calculations are handled by checking one or both of the following boxes:

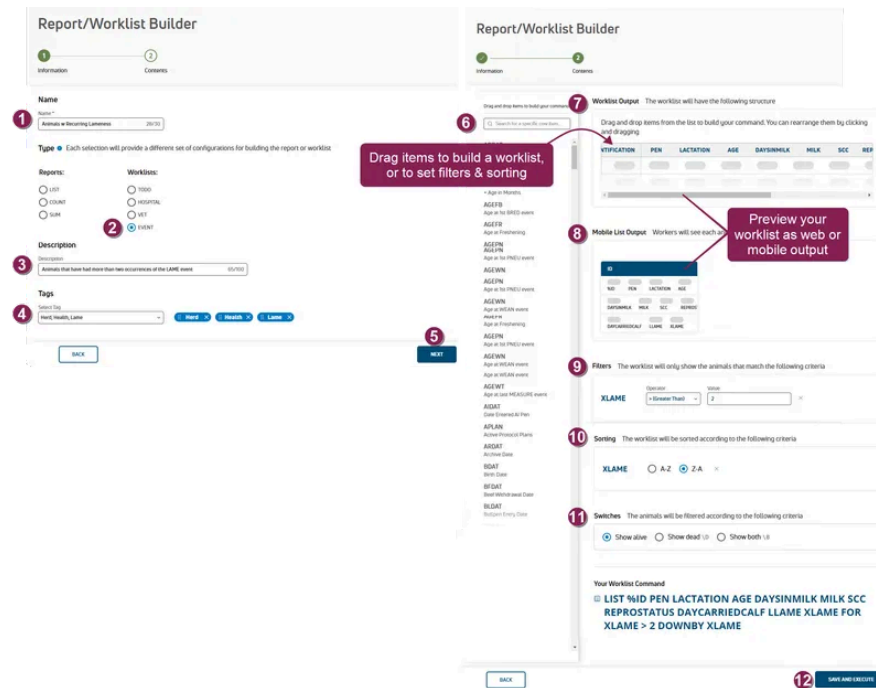
- Include zero values in averages and [standard deviation](#) calculations. Without the switch, average, standard deviation, [mode](#), and [median](#) PULSE calculations include non-zero values only.
- Use sample values for standard deviation calculation. Without the switch, PULSE calculates population standard deviation.

- 5 Click **Save and Execute** to build your report and display the results of the report on the [See Reports/Worklists Results](#) page. DC Unlimited subscribers can also preview the command as the report is being built.

9.4.1.3.4. Build an Event List

Event Lists are a type of [worklist](#) that allow you to add events to animals on the list and then mark the animals as DONE. These actionable lists simplify and speed up event entry tasks and help to keep your animal records current.

Begin by selecting **Build Report/Worklist** option from the DairyComp/MyDC menu, clicking the button at the top of the Dairy Reports/Worklists page, or clicking **Customize** from the Template Gallery page. Then use the two-step Report/Worklist Builder to create or edit your Event List.



The screenshot shows the 'Report/Worklist Builder' interface. It is divided into two main sections: 'Information' (left) and 'Contents' (right). The 'Information' section includes fields for Name, Type (Reports or Worklists), Description, and Tags. The 'Contents' section includes a list of items to build a worklist, a preview of the worklist output, and filters. Numbered callouts 1 through 12 are placed over the interface to guide the user through the steps.

- 1 Enter a **Name** for your worklist.
- 2 Select Event for the report **Type**.
- 3 Enter a worklist **Description**.
- 4 Select **Tags** that apply to your list. Setting tags for your list will allow you to use filters to find your list on the [Dairy Reports/Worklists](#) page.
- 5 Click **Next**.
- 6 Use the search field at the top of the items list to find items by name or description. For example, searching for "sire" finds all associated items in your dairy: [LSIR](#), [MGSIR](#), [PSIRC](#), [SIR1](#), etc.
 - ✓ **Show me how to search for items**
- 7 To build your list, drag and drop items from the left column onto the **Worklist Output** field on the right. Reorder the columns by dragging and dropping the item names [LACT](#) or click the **x** next to the item name to delete it.
 - ✓ **Show me how to reorder columns and delete items**

- 8 Use the **Mobile List Output** field to preview how your worklist will look in the mobile app.
- 9 To set filters, drag and drop items from the items list into the **Filters** area, and then choose an **Operator** from the drop-down and set a **Value** for the operator.
 - ✓ **Show me how to filter a list**
- 10 To customize how items are sorted on your report, drag and drop items from the items list into the **Sorting** area, and then choose the sort order:
 - A - Z: Ascending sort (low to high, earliest to latest)
 - Z - A: Descending sort (high to low, latest to earliest)
- 11 In the **Switches** area, select to include alive, dead, or all animals in your report.
- 12 Click **Save and Execute** to build your report and display the results of the report on the [See Reports/Worklists Results](#) page. DC Unlimited subscribers can also preview the command as the report is being built.

View your report and click the **Create Open Worklist** button to generate the worklist. See [Create Worklist from Report](#) to learn more about converting a report into a worklist.

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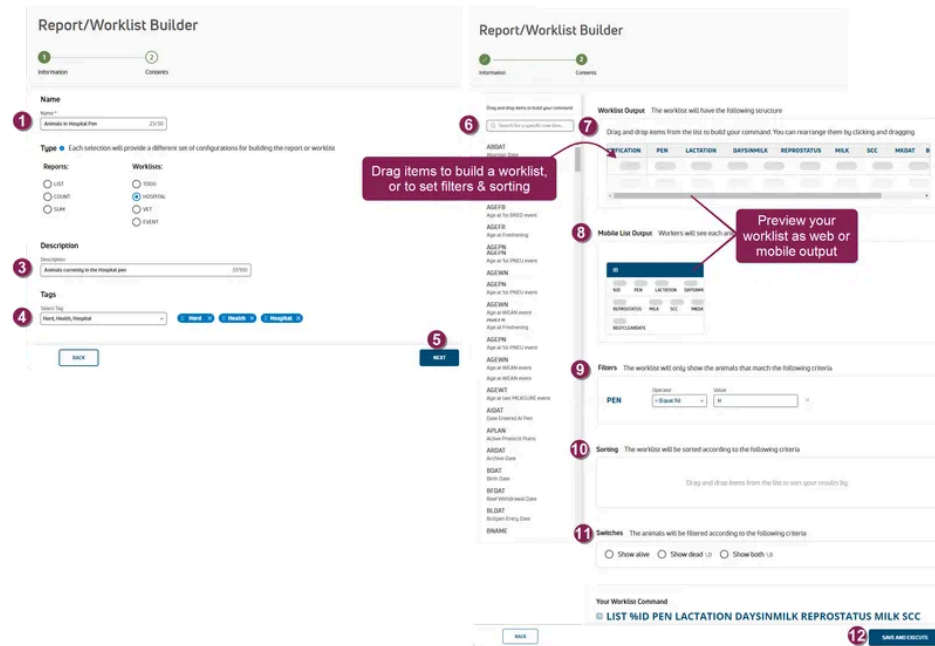
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9.4.1.3.5. Build a Hospital List

Hospital Lists are commonly used to follow treatment protocols and evaluate animals on active milk and meat withholds. These actionable lists help you stay on top of medicine applications on a daily basis.

Begin by selecting **Build Report/Worklist** option from the DairyComp/MyDC menu, clicking the button at the top of the Dairy Reports/Worklists page, or clicking **Customize** from the Template Gallery page. Then use the two-step Report/Worklist Builder to create or edit your Hospital List.



The screenshot shows the 'Report/Worklist Builder' interface with two main sections: 'Information' and 'Contents'. The 'Information' section includes fields for Name, Type, Description, and Tags. The 'Contents' section includes a list of items to be added to the worklist, a preview of the worklist output, and filters for the worklist. The interface is numbered 1 through 12, corresponding to the steps in the list below.

- 1 Enter a **Name** for your worklist.
- 2 Select Hospital for the report **Type**.
- 3 Enter a worklist **Description**.
- 4 Select **Tags** that apply to your list. Setting tags for your list will allow you to use filters to find your list on the [Dairy Reports/Worklists](#) page.
- 5 Click **Next**.
- 6 Use the search field at the top of the items list to find items by name or description. For example, searching for "sire" finds all associated items in your dairy: [LSIR](#), [MGSIR](#), [PSIRC](#), [SIR1](#), etc.
 - ✓ **Show me how to search for items**
- 7 To build your list, drag and drop items from the left column onto the **Worklist Output** field on the right. Reorder the columns by dragging and dropping the item names [LACT](#) or click the **x** next to the item name to delete it.
 - ✓ **Show me how to reorder columns and delete items**

- 8 Use the **Mobile List Output** field to preview how your worklist will look in the mobile app.
- 9 To set filters, drag and drop items from the items list into the **Filters** area, and then choose an **Operator** from the drop-down and set a **Value** for the operator.
 - ✓ **Show me how to filter a list**
- 10 To customize how items are sorted on your report, drag and drop items from the items list into the **Sorting** area, and then choose the sort order:
 - A - Z: Ascending sort (low to high, earliest to latest)
 - Z - A: Descending sort (high to low, latest to earliest)
- 11 In the **Switches** area, select to include alive, dead, or all animals in your report.
- 12 Click **Save and Execute** to build your report and display the results of the report on the [See Reports/Worklists Results](#) page. DC Unlimited subscribers can also preview the command as the report is being built.

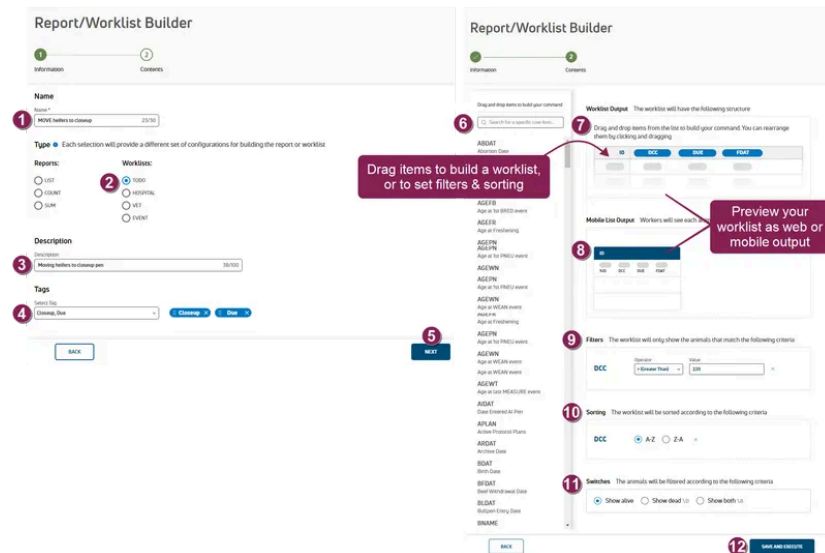
View your report and click the **Create Open Worklist** button to generate the worklist. See [Create Worklist from Report](#) to learn more about converting a report into a worklist.

✓ Understanding Hospital Lists

9.4.1.3.6. Build a To-Do List

To-Do Lists include animals that may need to be checked, moved, or treated. After the required task is completed, the animal is marked as DONE. Use these actionable lists to help manage your work on farm and keep track of completed activities electronically.

Begin by selecting **Build Report/Worklist** option from the DairyComp/MyDC menu, clicking the button at the top of the Dairy Reports/Worklists page, or clicking **Customize** from the Template Gallery page. Then use the two-step Report/Worklist Builder to create or edit your To-Do List.



The screenshot shows the 'Report/Worklist Builder' interface. It is divided into two main sections: 'Information' and 'Contents'. The 'Information' section on the left includes fields for 'Name' (1), 'Type' (2), 'Description' (3), and 'Tags' (4). The 'Contents' section on the right includes a search field (6), a list of items (5), a 'Worklist Output' field (7), a 'Mobile List Output' field (8), 'Filters' (9), 'Sorting' (10), and 'Switches' (11). A 'NEXT' button is at the bottom of the 'Information' section, and a 'SAVE AND CANCEL' button is at the bottom of the 'Contents' section. Numbered callouts 1 through 12 point to specific elements in the interface.

- 1 Enter a **Name** for your worklist.
- 2 Select To-Do for the report **Type**.
- 3 Enter a worklist **Description**.
- 4 Select **Tags** that apply to your list. Setting tags for your list will allow you to use filters to find your list on the [Dairy Reports/Worklists](#) page.
- 5 Click **Next**.
- 6 Use the search field at the top of the items list to find items by name or description. For example, searching for "sire" finds all associated items in your dairy: [LSIR](#), [MGSIR](#), [PSIRC](#), [SIR1](#), etc.
 - ▼ **Show me how to search for items**
- 7 To build your list, drag and drop items from the left column onto the **Worklist Output** field on the right. Reorder the columns by dragging and dropping the item names [LACT](#) or click the **x** next to the item name to delete it.
 - ▼ **Show me how to reorder columns and delete items**
- 8 Use the **Mobile List Output** field to preview how your worklist will look in the mobile app.

- 9 To set filters, drag and drop items from the items list into the **Filters** area, and then choose an **Operator** from the drop-down and set a **Value** for the operator.

▼ **Show me how to filter a list**

- 10 To customize how items are sorted on your report, drag and drop items from the items list into the **Sorting** area, and then choose the sort order:

- A - Z: Ascending sort (low to high, earliest to latest)
- Z - A: Descending sort (high to low, latest to earliest)

- 11 In the **Switches** area, select to include alive, dead, or all animals in your report.

- 12 Click **Save and Execute** to build your report and display the results of the report on the [See Reports/Worklists Results](#) page. DC Unlimited subscribers can also preview the command as the report is being built.

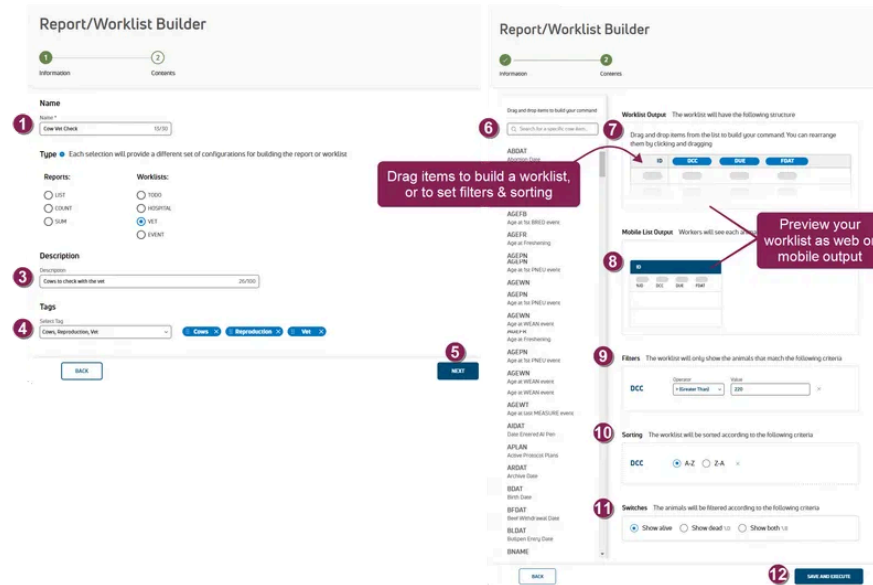
View your report and click the **Create Open Worklist** button to generate the worklist. See [Create Worklist from Report](#) to learn more about converting a report into a worklist.

▼ **Understanding To-Do Lists**

9.4.1.3.7. Build a Vet List

Vet Lists identify animals that need to be seen by your vet for various reasons, including for pregnancy checks or to diagnose an illness or other condition. These actionable lists help you and your vet quickly check and treat animals to keep your herd healthy and productive!

Begin by selecting **Build Report/Worklist** option from the DairyComp/MyDC menu, clicking the button at the top of the Dairy Reports/Worklists page, or clicking **Customize** from the Template Gallery page. Then use the two-step Report/Worklist Builder to create or edit your Vet List.



The screenshot shows the 'Report/Worklist Builder' interface. It is divided into two main sections: 'Information' (left) and 'Comments' (right). The 'Information' section includes fields for 'Name', 'Type', 'Description', and 'Tags'. The 'Comments' section includes a search bar, a list of items to build the worklist, and a 'Worklist Output' field. The interface is annotated with numbered callouts (1-12) and red boxes with instructions.

- 1** Enter a **Name** for your worklist.
- 2** Select Vet for the report **Type**.
- 3** Enter a worklist **Description**.
- 4** Select **Tags** that apply to your list. Setting tags for your list will allow you to use filters to find your list on the [Dairy Reports/Worklists](#) page.
- 5** Click **Next**.
- 6** Use the search field at the top of the items list to find items by name or description. For example, searching for "sire" finds all associated items in your dairy: [LSIR](#), [MGSIR](#), [PSIRC](#), [SIR1](#), etc.
- 7** To build your list, drag and drop items from the left column onto the **Worklist Output** field on the right. Reorder the columns by dragging and dropping the item names **LACT** or click the **x** next to the item name to delete it.
- 8** Preview your worklist as web or mobile output.
- 9** Filters: The worklist will only show the animals that match the following criteria.
- 10** Sorting: The worklist will be sorted according to the following criteria.
- 11** Switches: The animals will be filtered according to the following criteria.
- 12** Save and execute.

- 1 Enter a **Name** for your worklist.
- 2 Select Vet for the report **Type**.
- 3 Enter a worklist **Description**.
- 4 Select **Tags** that apply to your list. Setting tags for your list will allow you to use filters to find your list on the [Dairy Reports/Worklists](#) page.
- 5 Click **Next**.
- 6 Use the search field at the top of the items list to find items by name or description. For example, searching for "sire" finds all associated items in your dairy: [LSIR](#), [MGSIR](#), [PSIRC](#), [SIR1](#), etc.
 - ✓ **Show me how to search for items**
- 7 To build your list, drag and drop items from the left column onto the **Worklist Output** field on the right. Reorder the columns by dragging and dropping the item names **LACT** or click the **x** next to the item name to delete it.
 - ✓ **Show me how to reorder columns and delete items**

- 8 Use the **Mobile List Output** field to preview how your worklist will look in the mobile app.
- 9 To set filters, drag and drop items from the items list into the **Filters** area, and then choose an **Operator** from the drop-down and set a **Value** for the operator.
 - ✓ **Show me how to filter a list**
- 10 To customize how items are sorted on your report, drag and drop items from the items list into the **Sorting** area, and then choose the sort order:
 - A - Z: Ascending sort (low to high, earliest to latest)
 - Z - A: Descending sort (high to low, latest to earliest)
- 11 In the **Switches** area, select to include alive, dead, or all animals in your report.
- 12 Click **Save and Execute** to build your report and display the results of the report on the [See Reports/Worklists Results](#) page. DC Unlimited subscribers can also preview the command as the report is being built.

View your report and click the **Create Open Worklist** button to generate the worklist. See [Create Worklist from Report](#) to learn more about converting a report into a worklist.

✓ Understanding Vet Lists

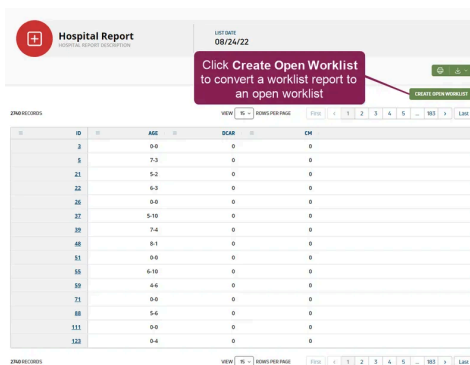
9.4.1.4. Create a Worklist from a Report

PULSE [worklists](#) include animals that need to be seen or treated to complete daily tasks, veterinary or hospital care, or to add health or reproduction events. The following types of worklists are available in PULSE:

	Event List
	Hospital List
	To-Do List
	
	Open Tasks List (MyDC dairies only)

Worklists are based on reports you create in PULSE and then convert into an actionable list. Follow the steps below to continue:

- 1 Build a worklist report using [Dairy Reports/Worklists](#) or [Report/Worklist Builder](#).
- 2 View the report and click the **Create Open Worklist** button on the [See Reports/Worklists Results](#) page.



ID	AGE	BCS	CM
3	0.0	0	0
9	7.2	0	0
21	5.2	0	0
22	6.2	0	0
26	0.0	0	0
27	5.10	0	0
29	7.4	0	0
48	8.1	0	0
51	0.0	0	0
55	6.10	0	0
59	4.6	0	0
71	0.0	0	0
88	5.4	0	0
111	0.0	0	0
123	0.4	0	0

NOTE: The option to create a worklist is only available on reports run [today](#) to ensure the list captures your latest herd data. If you do not see the **Create Open Worklist** button, rerun the report using today's date.

- 3 PULSE converts the worklist report to a worklist and opens the list. If you navigate away from the report, you can access it again from your [Open Worklists](#) or [Worklist History](#) pages.

Once the worklist is available, you can begin checking or treating animals on the list and marking tasks as complete from the web or using mobile app. See [Open Worklists](#) and [Complete Tasks](#) to learn more!

NOTE: For DC Unlimited subscribers, worklist updates in PULSE remain synchronized with [DC305](#).

Expand the sections below to learn more:

- ✓ [Understanding Event Lists](#)
- ✓ [Understanding Hospital Lists](#)
- ✓ [Understanding To-Do Lists](#)
- ✓ [Understanding Vet Lists](#)

9.4.1.5. See Reports/Worklists Results

When you click the **See Results** button on the **Dairy Reports/Worklists** tab(or run a command from the [Command Line](#) for DCU dairies), PULSE builds the report or [worklist](#) and displays the results:

Depending on the report or worklist type, PULSE displays the results differently:

- ✓ **COUNT Results**
- ✓ **EVENT Results**
- ✓ **HOSPITAL Results**
- ✓ **LIST Results**
- ✓ **SUM Results**
- ✓ **TODD Results**
- ✓ **VET Results**
- ✓ **Print and Export Results**
- ✓ **Customize Report Results**
- ✓ **Related Topics**

9.4.1.6. Send Worklists from DairyComp to PULSE (DCU only)

Based on how DairyComp creates each type of list, the actions you must take to send them to the Platform varies.

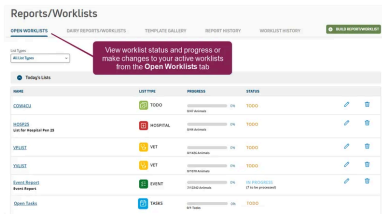
- **Send Hospital Lists to Platform:** Use PULSE or DairyComp to create your hospital lists with a special type of LIST command. For DairyComp lists, adding the \HK switch to the commands sends them to PULSE. Most dairies schedule hospital lists to run daily to ensure treatment protocols are properly followed, as drugs are usually administered on a daily basis. You can then process your lists in the mobile app and [monitor them in the web version of PULSE](#). See the topics below to learn more:
 - [Learn More about Hospital Lists](#)
 - [Learn More about Vet Lists](#)
 - [Complete Tasks inn DC on Mobile](#)
- **Send To-Do Lists to Platform:** To-Do lists are very flexible and can be created from PULSE or DairyComp. For DairyComp lists, adding the \K switch to the commands sends them to PULSE. See [Learn More about To-Do Lists](#) for more information.
- **Send Vet Lists to Platform:** Use PULSE or DairyComp to create your vet lists with a special VETLIST command. For DairyComp lists, adding the \K switch to the commands sends them to PULSE. The flexibility of the system allows you to schedule the vet lists to generate on days the veterinarian is scheduled to visit, or to generate and send them on an as-needed basis.

✓ Related Topics

9.4.2. Process Open Worklists in PULSE

▼ Required Permissions

Use the **Open Worklists** page to monitor and process your dairy's active [worklists](#).



Select a list to complete tasks or add events to animals, depending on the worklist type. See the topics below to learn more:

- [View Progress on All Open Worklists](#)
- [Process Event Lists](#)
- [Process TODO Lists](#)
- [Process Vet and Hospital Lists](#)

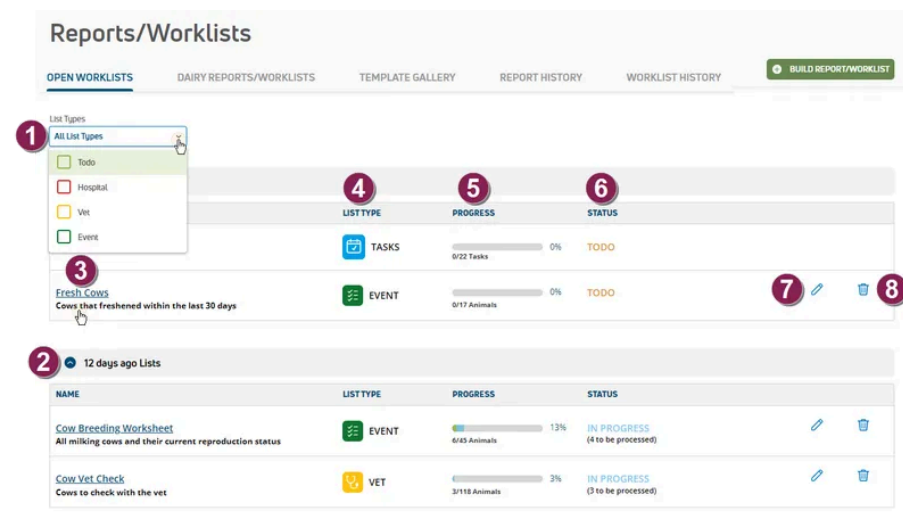
IMPORTANT: PULSE processes worklist updates for animals in the order they are completed, and the last event or status change supersedes previous animal updates. For instance, if an animal is on a vet list for a pregnancy check and is marked as [PREG](#), and is later determined to have aborted, ABORT is the final status and animal details adjust accordingly.

9.4.2.1. View Progress on All Open Worklists

Use the **Open Worklists** page to monitor the status, details, and progress of all current [worklist](#) types:

- To-Do Lists
- Vet Lists
- Hospital Lists
- Event Lists
- Open Tasks Lists
- All List Types (the default selection)

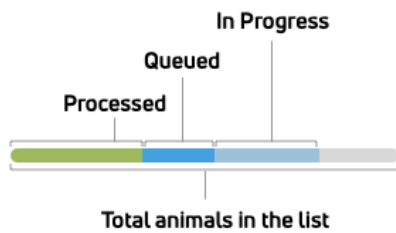
Follow the guidelines below to monitor your worklists:



- List Types:** Use this filter to select the types of worklists to view on screen. Once you select a worklist type, you can click **Clear Filter** to de-select it.
- Use the expandable sections on the **Open Worklists** page to view the status of all current worklists that have been updated [today](#) are grouped at the top. Below that, you will find other expandable sections that show the status of worklists that were in progress before the current day.
- Name:** This column shows the list name and the corresponding [DC305](#) list command. Click the name of each list to view more details on the [ReportWorklistResults.htmReports/Worklists Results](#) page.
- List Type:** The type of list:

	Event List
	Hospital List
	To-Do List
	
	Open Tasks List (MyDC dairies only)

- 5 **Progress:** The Progress column displays how much of the list has been completed against the total, both in percentage and for the number of animals. The visual progress bar makes it easy to glance at the page and assess the current progress for all lists. See the image below to learn more about the colors in the progress bar.



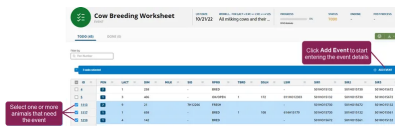
- 6 **Status:** The Status column reflects whether work has started on the list, and if so, how far along it is. The possible status messages are:
- **TODO:** No changes have been made to the list yet.
 - **IN PROGRESS:** One or more users have marked at least one animal as DONE, but no one has yet tapped the Process Changes button in the mobile app (i.e., at least one person is working on the list and marking animals as DONE, but no one has sent those changes back to DairyComp 305 yet).
 - **QUEUED:** After a user taps the Process Changes button in the mobile app and sends the list updates back to PULSE, this status shows the list updates that are waiting to be fetched by DairyComp.
 - **PROCESSED:** This status means that the list updates are complete and PULSE has updated the records for the animals that were marked as DONE.
- For more information on worklist status, see [View Animal Status in the Mobile App \(v1\)](#) or [Complete Tasks \(v2\)](#).
- 7 **Edit worklist:** Click the  icon to open a window in which you can edit the name of the worklist and add/edit its description.
- 8 **Delete worklist:** Click the  icon to delete the applicable worklist. You will be asked to confirm your choice before proceeding.

9.4.2.2. Process Event Lists

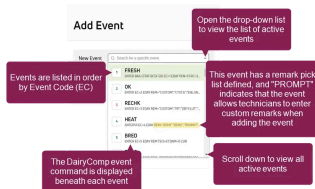
Event Lists are a type of [worklist](#) that allow you to add events to animals on the list and then mark the animals as DONE. These actionable lists simplify and speed up event entry tasks and help to keep your animal records current.

Follow the steps below to continue:

1. On the **TODO** page, you can add an event to one or more animals. Select one or more animals that need the event, and then click **Add Event** in the upper right corner.

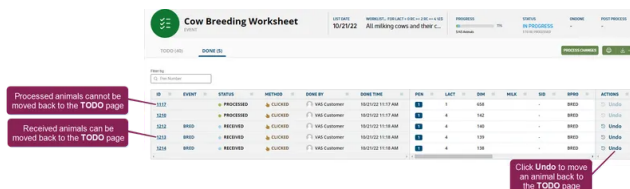


2. The system displays a side panel, where you can select the event you want to add from the **New Event** drop-down list.



To learn more about adding event details, see [Add Events](#).

3. If an animal on the **DONE** page is not fully processed and its status is still RECEIVED, you can move the animal back to the **TODO** page. To move the animal back, click the **UNDO** button.



4. When you are ready to save your event details, select **Save and Mark as Done**. The system will move the selected animals to the **DONE** page.

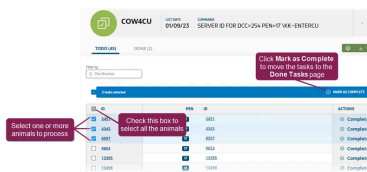
What happens when I Process Changes?

9.4.2.3. Process TODO Lists

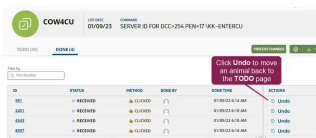
To-Do Lists include animals that may need to be checked, moved, or treated. After the required task is completed, the animal is marked as DONE. Use these actionable lists to help manage your work on farm and keep track of completed activities electronically.

Follow the steps below to continue:

1. On the **TODO** page of this [worklist](#), you can process a single animal or multiple animals. Simply select the animals you want to process (or select all animals in the upper left corner), then click **Mark as Complete** in the upper right corner. The system will then move the selected animals to the **DONE** page and change the animals' status to RECEIVED.



2. If an animal on the **DONE** page is not fully processed and its status is still RECEIVED, you can move the animal back to the **TODO** page. To move the animal back, click the **UNDO** button.



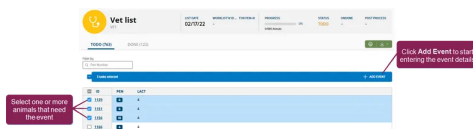
▼ What happens when I Process Changes?

9.4.2.4. Process Vet and Hospital Lists

Vet Lists identify animals that need to be seen by your vet for various reasons, including for pregnancy checks or to diagnose an illness or other condition. Hospital Lists are commonly used to follow treatment protocols and evaluate animals on active milk and meat withholds. Both types of worklists support optimal tracking of your animal health events and make your vet visits more efficient.

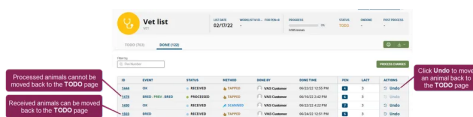
Follow the steps below to continue:

1. On the **TODO** page, you can add an event to one or more animals. Select one or more animals that need the event, and then click **Add Event** in the upper right corner.



To learn more about adding event details, see [Add Events](#).

2. If an animal on the **DONE** page is not fully processed and its status is still RECEIVED, you can move the animal back to the **TODO** page. To move the animal back, click the **UNDO** button.



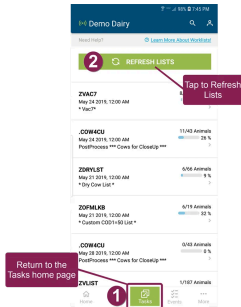
3. When you are ready to save your event details, select **Save and Mark as Done**. The system will move the selected animals to the **DONE** page.

What happens when I Process Changes?

9.4.3. Process Open Worklists in the Mobile App

✓ Required Permissions

PULSE worklists are available for processing on the go from the mobile app. To pull your latest worklists down from PULSE (and DairyComp for DC Unlimited dairies), open the mobile app and tap **Refresh Lists** to get started.

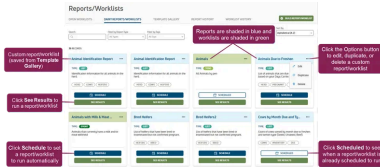


See [Complete Tasks](#) and [Tasks & Worklists](#) to learn more about using the mobile apps to process your worklists.

9.4.4. Manage Dairy Reports/Worklists

✓ Required Permissions

The **Dairy Reports/Worklists** page includes the reports or worklists you customized from the [Template Gallery](#), as well as any other custom reports you created using [Report/Worklist Builder](#). Note that reports are shaded in **blue** and worklists are shaded in **green**.



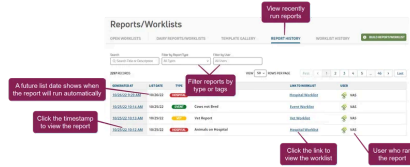
You can find this feature under the [DairyComp/MyDC > Reports/Worklists menu](#) on the Dairy Reports/Worklists tab.

Expand the sections below to learn more:

- ✓ **Save a Report/Worklist**
- ✓ **Schedule a Report/Worklist**
- ✓ **Run a Report/Worklist**
- ✓ **Edit Reports/Worklists**
- ✓ **Duplicate a Report/Worklist**
- ✓ **Delete a Report/Worklist**

9.4.5. View Report History

The **Report History** page lists recently run reports (or reports that will run in the future) for quick and easy access.



You can find this feature under the [DairyComp/MyDC > Reports/Worklists menu](#) on the Report History tab.

See the topics below to learn more:

- Click the report timestamp to view the report.
- View the date when the report was run (or will be run if the report was future-dated).

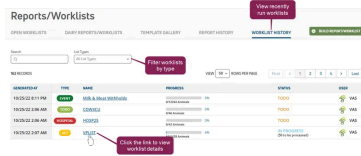
NOTE: Future-dated reports will run automatically on the date displayed in the **List Date** column.

- Filter reports by type or user.
- See which user generated the report.
- Identify the report or [worklist](#) type by its icon. The following report types are supported in PULSE.
 - **COUNT** A COUNT report or command calculates the total number of animals that match certain items and conditions. See [Build a COUNT Report](#) to learn more about generating COUNT reports.
 - **LIST** A LIST report or command generates a listing of animals with certain items and conditions. See [Build a LIST Report](#) to learn more about generating LIST reports.
 - **SUM** A SUM report generates averages for specific items or animals within certain groups and presents details in a table or graph. See [Build a SUM Report](#) to learn more about generating SUM reports.
 - **ENTER** An ENTER command changes stored item values for multiple animals at once if the animals match certain conditions. PULSE then generates a report listing all the updated item values. See [ENTER Command](#) to learn more about generating ENTER reports.
 - **EVENT** Event Lists are a type of worklist that allow you to add events to animals on the list and then mark the animals as DONE. These actionable lists simplify and speed up event entry tasks and help to keep your animal records current. See [Build an Event List](#) to learn more about generating Event Lists.
 - **HOSPITAL** Hospital Lists are commonly used to follow treatment protocols and evaluate animals on active milk and meat withholds. See [Build a Hospital List](#) to learn more about generating Hospital Lists.
 - **TODO** To-Do Lists include animals that may need to be checked, moved, or treated. After the required task is completed, the animal is marked as DONE. Use these actionable lists to help manage your work on farm and keep track of completed activities electronically. See [Build a To-Do List](#) to learn more about generating To-Do Lists.
 - **VET** Vet Lists identify animals that need to be seen by your vet for various reasons, including for pregnancy checks or to diagnose an illness or other condition. See [Build a Vet List](#) to learn more about generating Vet Lists!
 - **WORKLIST** See [Create Worklist from Report](#) to learn more about generating Worklists.

✓ Related Topics

9.4.6. View Worklists History

The Worklists **History** page lists recently run [worklists](#) for quick and easy access.



Select a worklist **Name** from the page to see details for that list. The information displayed depends upon the type of list selected, but always includes all the animals on the list, their [pen](#) number, and other associated information specific to that list.

You can find this feature under the [DairyComp/MyDC > Reports/Worklists menu](#) on the Worklist History tab. Expand the sections below to learn more:

- ✓ **View Worklist Details**
- ✓ **Print and Export Worklists**

9.4.6.1. View DONE Worklists

The DONE page contains different content for to-do lists, vet lists, and hospital lists.

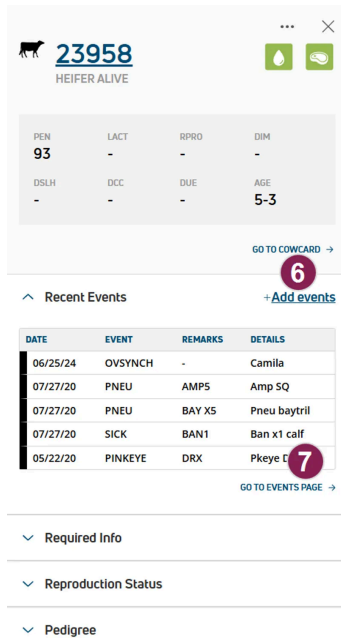
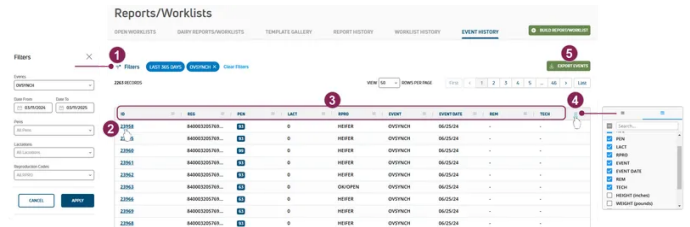
Expand the sections below to learn more:

- ✓ **DONE To-Do Lists**
- ✓ **DONE Vet Lists**
- ✓ **DONE Hospital Lists**

9.4.7. View Event History (MyDC Only)

✓ Can't find this feature? Make sure it's included in your subscription!

The **Event History** page lists recently run events for quick and easy access.

From this page, you can create, customize, and export an event history report.

You can find this feature under the [DairyComp/MyDC > Reports/Worklists menu](#) on the Event History tab.

- Filters:** Click **Filters** at the top left of the page to limit the data that is displayed. The **Filters** side panel opens. You can filter the list by event type, [pen](#), and more. After you select the filters, click **Apply** in the bottom right corner to filter the list. If you choose a single event filter, you can include event-specific items in the list.
- ID:** The animal identifier. Click an animal's [ID](#) to view its details in a side panel, including its recent event history. From the side panel, you can also add an event for that animal or click **Go To Events Page** to [view the Events page on its CowCard](#).
- Default items:** These items are shown in the list by default, including the animal's pen, lactation number, and reproduction status. You can customize the items included in the list.
- Customize items:** You can customize the items shown in the list: click the **Options** button  next to any item name to open the **Options** window, then click the **Columns** tab  on the right side. Simply check or uncheck the boxes next to the items you want to see in the list. If you filtered the list to show only one specific event, you can select event-specific items. See [Customize Table Columns](#) to learn more about customizing your table.
- Export Events:** You can print and export the event history as PDF or CSV for further analysis or for record keeping purposes. Click **Export Events** at the top right of the page to print and export the event history.
- Add events:** In the animal details side panel, click **Add events** to add an event for that animal. In the side panel, select the event from the drop-down list, enter the event details, and click **Save** to add the event.
- Go To Events Page:** In the animal details side panel, click **Go To Events Page** to [view the Events page on its CowCard](#).

9.4.8. Task Lists (MyDC only)

- ✓ Can't find this feature? Make sure it's included in your subscription!
- ✓ Click here for a video tutorial on this feature!

Use **Task Lists** to consolidate all required animal activities for the current day, including all OvSynch [protocols](#), wellness checks, and any other scheduled tasks. Use [Task Builder](#) to generate a custom task list, or choose one of your saved lists from the [Task Lists Gallery](#). [Process Open Tasks \(MyDC Only\)](#) to review and complete the open tasks on your list. Then use the [Task Lists History](#) page to view completed tasks and ensure that all tasks followed protocol.

You can find this feature under **MyDC > Task Lists**.

See the topics below to learn more.

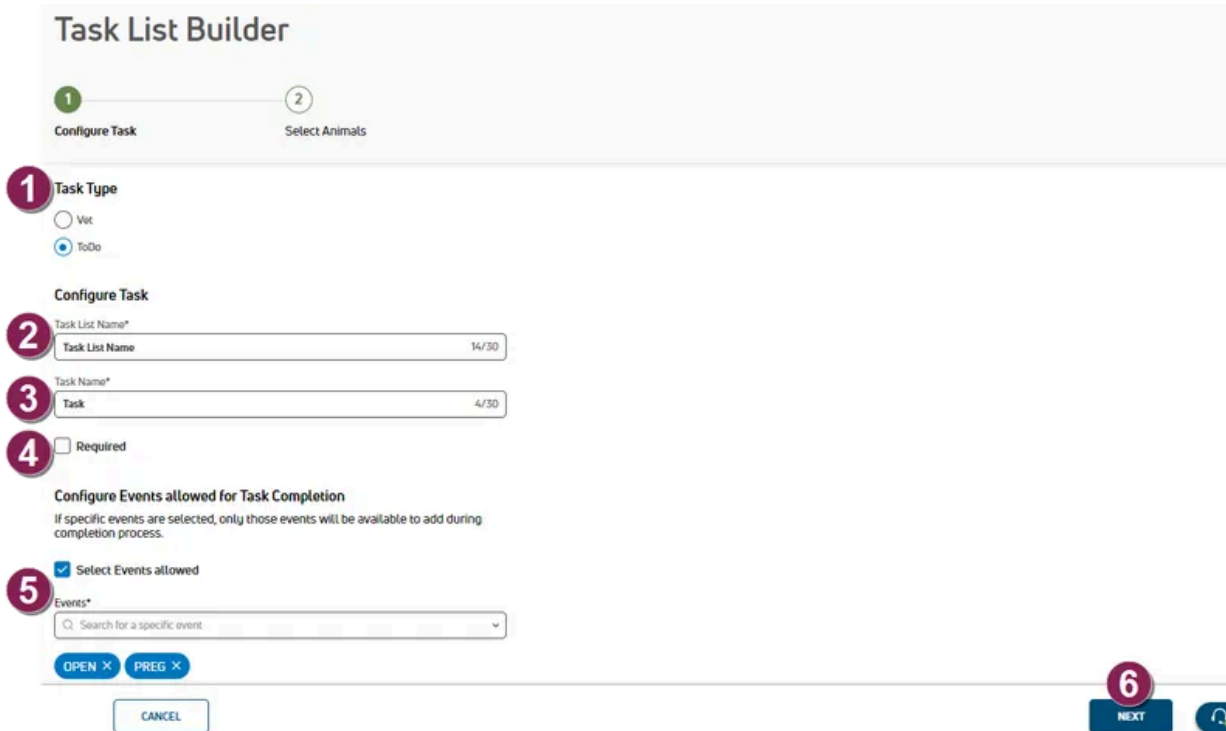
- [Build a Task List](#)
- [Process Open Tasks](#)
- [Task Lists Gallery](#)
- [Task Lists History](#)

9.4.8.1. Build a Task List

Before you can start using your task lists, use Task Builder to generate a custom [task list](#).

To build a task list from a web browser, select DairyComp/MyDC > **Task Lists** > **Build Task List**.

Follow the guidelines below to select your task list settings:



Task List Builder

1 **Configure Task** 2 **Select Animals**

1 Task Type

☐ Vet

☒ ToDo

Configure Task

2 Task List Name*

Task List Name 14/30

3 Task Name*

Task 4/30

4 ☐ Required

Configure Events allowed for Task Completion

If specific events are selected, only those events will be available to add during completion process.

5 ☒ Select Events allowed

Events*

Search for a specific event

OPEN X PREG X

CANCEL

6 NEXT

- Task Type:** Select **Vet** or **ToDo**.
- Task List Name:** Enter a name for your list.
- Task Name:** If you created a ToDo task list, enter a name for the task itself. If you created a Vet task list, the system automatically sets the **Task Name** to `VETC Reason for vet check`.
- Required:** Check the box if the task is required.
- Select Events allowed** (ToDo only): If you want to make event selection faster when you create a ToDo task list, you can limit the events that can be added to an animal upon task completion. Check the **Select Events allowed** box and select the events from the drop-down list.
- Click **Next**.

Task List Builder

1

Configure Task

Drag and drop items to build your command

150MK
Mgmt Level Milk w/o Components
30SME
Projected 305 milk production
ABDAT
Abortion date
ADDAT
Abort determined date
AFITNSP
All Transponder
AFXHEATD
Allflex heat alert date
AFXHEATI
Allflex heat alert index
AFXHEATT
Allflex heat alert time
AFXHLTHD
Allflex health alert date
AFXHLTHI
Allflex health alert index
AFXHLTHT
Allflex health alert time
AFXHTAI
Allflex hours to AI
AFXSRCTD
Allflex sort code
AFXSRDTD
Allflex Date to sort

2

Select Animals

2

Task List Output

The task list will have the following structure

Drag and drop items from the list to build your list. You can rearrange them by clicking and dragging

BNAME	ID	DCC	DUE	FDAT

3

Filters

The task will only be assigned to animals that match the following criteria at the moment of the execution

Item	Operator	Type	Value
DCC	> (Greater Than)	Value	220

+ AND Condition

+ OR Condition

4

Sorting

The task list will be sorted according to the following criteria

BNAME	Sort Order
	☒ A-Z ☐ Z-A

5

Save and Create

BACK

SAVE AND CREATE

Follow the guidelines below to build your task list:

- Items list:** Drag and drop items from the left column onto the fields on the right to build your list. Use the search field at the top of the items list to find items by name or description. For example, searching for "sire" finds all associated items in your dairy: [LSIR](#), [MGSIR](#), [PSIRC](#), [SIR1](#), etc. Reorder the columns by dragging and dropping the item names [LACT](#) or click the **x** next to the item name to delete it.
- Task List Output:** To add items you want to see in the list, drag and drop items from the items list on the left to the **Task List Output** field on the right.
- Filters:** To set filters, drag and drop items from the items list into the **Filters** area, and then choose an **Operator** from the dropdown and set a **Value** for the operator.
- Sorting:** To customize how items are sorted on your report, drag and drop items from the items list into the **Sorting** area, and then choose the sort order:
 - A - Z: Ascending sort (low to high, earliest to latest)
 - Z - A: Descending sort (high to low, latest to earliest)
- Click **Save and Create** to build your list.

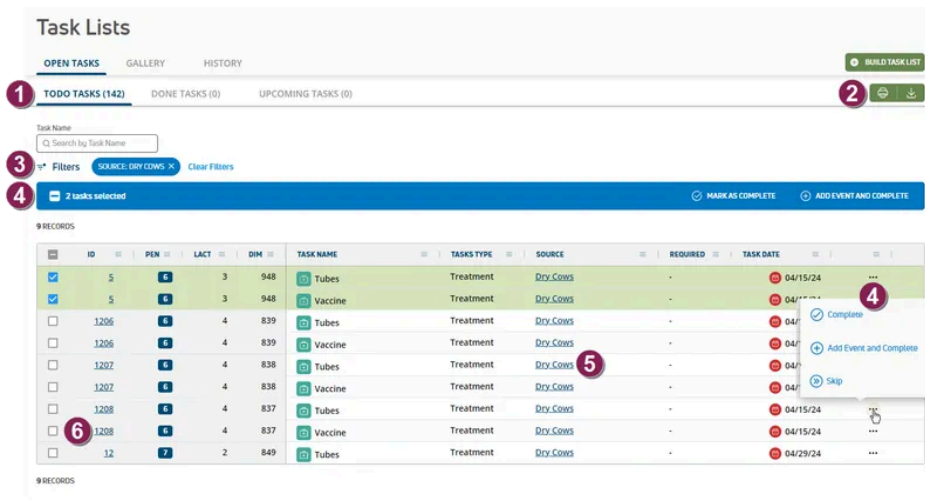
9.4.8.2. Process Open Tasks

✓ **Can't find this feature? Make sure it's included in your subscription!**

An Open Tasks list is a daily todo list that is automatically generated for MyDC dairies to capture [today's](#) tasks for your herd. The Open Tasks list shows tasks from multiple sources, like your [Dairy Protocols](#) and integrations with heat and health partners, and helps you complete all required animal activities for the current day. Task Lists include all OvSynch [protocols](#), wellness checks, and any other scheduled tasks.

To process open tasks in PULSE, select DairyComp/MyDC > **Task Lists** > **Open Tasks**.

Follow the guidelines below when working with the **Open Tasks** list:



- 1 View Tasks: Click **Todo Tasks** to view or process animals that have outstanding tasks, click **Done Tasks** to view tasks that have been processed, or click **Upcoming Tasks** to view all tasks scheduled for the next 7 days.
 - 2 Print or Export the [Task List](#): Click the green **Export as CSV** button  at the top right of the page to save the data as a CSV file. Or, click **Print**  to send your open tasks data to the printer. If you applied filter(s), the data will print or export with the current filter(s) applied.
 - 3 Filter the List:
 - Type text in the **Task Name** field to search open task by name. Once text is typed, click the **Clear Filter(s)** option to clear the text typed.
 - Click **Filters** at the top left of the page to limit the data that is displayed. Once a filter is applied, click the **X** on a specific filter to remove it. Or, click the **Clear Filter(s)** option to clear all filters.
- ✓ **Click here to learn about filtering tasks in mobile!**

4 Process Tasks: You can process a task by marking it complete, by adding an event and marking it complete, by skipping it, or by removing it. Check one or more boxes next to the tasks on the left side of the page to process them. A blue bar is displayed above the table. Click **Mark as Complete** to complete the checked tasks.

✓ **Tell me more about processing tasks in PULSE!**

✓ **Tell me more about processing tasks in mobile!**

5 View Task Details: Click the task's **Source** to open a side panel and view its details.

✓ **Tell me more!**

6 View Animal Details: Click on an animal's **ID** in the table to open a side panel and view its details.

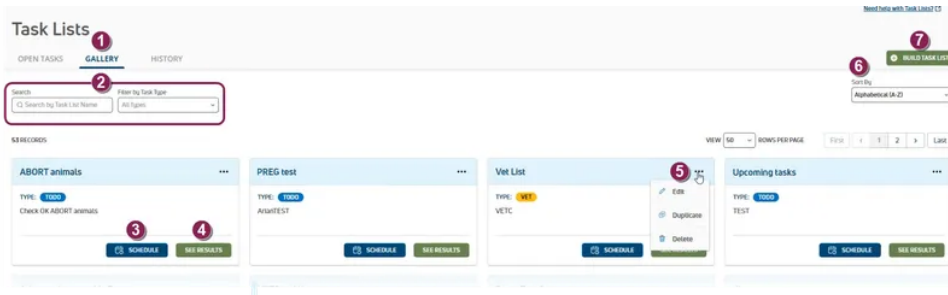
✓ **Tell me more!**

9.4.8.3. Task Lists Gallery

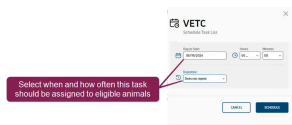
Use the **Task Lists Gallery** to manage all the task lists that you have created for your dairy — you can schedule task lists, preview which animals would be included on a [task list](#), edit your task lists, and more.

You can find this feature under **MyDC > Task Lists > Gallery**.

Follow the guidelines below when using the gallery:



1. Click **Gallery** to see all your task lists.
2. Click **Build Task List** to build and add a new task list to the gallery. See [Build a Task List](#) to learn more about creating task lists.
3. Use the **Schedule** option to set the Task List to run at a specific time and/or a on a daily or weekly basis.



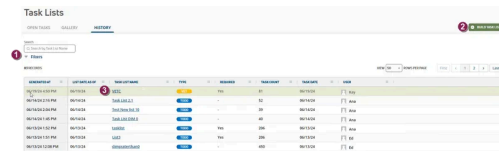
Click **See Results** on any task list to see the list of animals that would be eligible for the task. Note that this doesn't build the task list, it's just a preview — you must schedule a task list to build the task list.

4. Select any task list's Options button **...** in the upper right hand corner to **Edit**, **Duplicate**, or **Delete** the task list from the gallery.

9.4.8.4. Task Lists History

The **History** page lists tasks completed for quick and easy access.

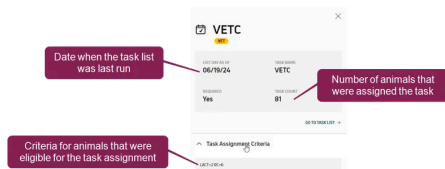
You can find this feature under **MyDC > Task Lists > History**.



Task List Name	Task Type	Task Count	Task Status
Task List 1	Task Type 1	10	Completed
Task List 2	Task Type 2	20	Completed
Task List 3	Task Type 3	30	Completed
Task List 4	Task Type 4	40	Completed
Task List 5	Task Type 5	50	Completed
Task List 6	Task Type 6	60	Completed
Task List 7	Task Type 7	70	Completed
Task List 8	Task Type 8	80	Completed
Task List 9	Task Type 9	90	Completed
Task List 10	Task Type 10	100	Completed

Follow the guidelines below when working with the history page:

1. Use **Filters** to limit results by Task Type or Users.
2. Click **Build Task List** to build and add a new task list to the gallery. See [Build a Task List](#) to learn more about creating task lists.
3. Click the task list name to view details including when the task list was assigned, the assignment criteria, and the task count (or how many animals were assigned the task):

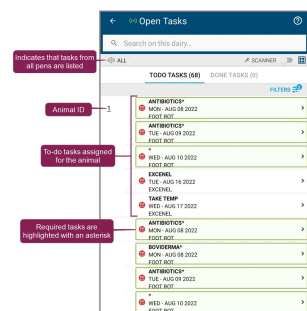


9.4.8.5. Learn More about Open Tasks Lists (MyDC only)

✓ Required Permissions

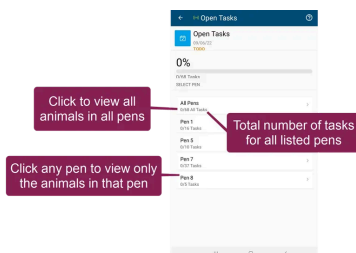
✓ Can't find this feature? Make sure it's included in your subscription!

An Open Tasks list is a daily todo list that is automatically generated for MyDC dairies to capture [today's](#) tasks for your herd. The Open Tasks list shows tasks from multiple sources, like your [Dairy Protocols](#) and integrations with heat and health partners, and helps you complete all required animal activities for the current day. Task Lists include all OvSynch [protocols](#), wellness checks, and any other scheduled tasks.

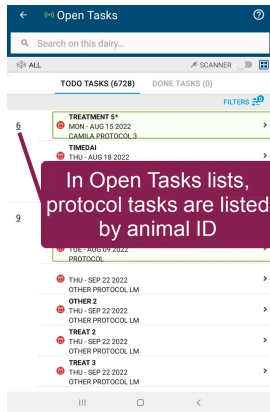


Follow the guidelines below when working with the **Open Tasks** list:

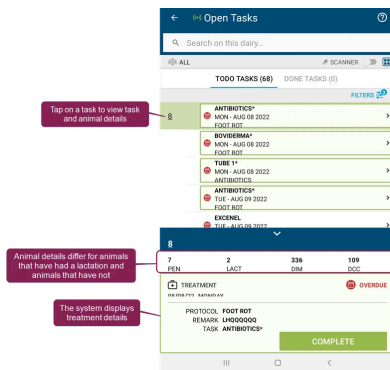
- Open Tasks lists work a little differently than your standard mobile [worklists](#), which require you to **Process Changes** before the updates are sent to PULSE. Open Tasks include PULSE-only protocol tasks. When you mark tasks as **Complete** or **Skip**, the mobile app updates the animal record immediately if you have an active WiFi or data connection.
- In a mobile worklist, the animals are displayed by the animal's [pen](#) number. You can view animals by each pen, or you can view all animals across all pens. To view animals across all pens, simply select the **All Pens** option.



When you select **All Pens** for an Open Tasks list, the system lists all protocol tasks for all animals in all pens.



- Required tasks are highlighted with an asterisk.
- Click on a task to view task and animal details. The system shows the animal's current pen and the number of days she has been pregnant (DCC). If she has had a lactation, the details include its lactation number and days in milk (DIM). If she has not had a lactation, the details include her age and times bred (TBRD).



See [Protocols](#) to learn more about defining and implementing protocols, or see [Complete Protocol Tasks from Mobile](#) to learn more about working with protocol tasks in mobile.

9.4.9. Tips for Using Worklists in PULSE

See the topics below to learn more about Platform Worklists, or see [Complete Tasks](#) to learn more about Worklists in DC on Mobile:

- [Permissions required to use PULSE Worklists](#)
- [What can I do with PULSE Worklists?](#)
- [Features not yet supported](#)

9.4.9.1. Permissions required to use PULSE Worklists

Users must have Herd **Read** permissions to view [worklists](#).

Users with Herd **Write** permissions can perform the following additional tasks:

- Mark an animal as DONE from the mobile app or web.
- **Process Changes** and send list updates back to PULSE, DairyComp 305 (for DC Unlimited dairies), or our integrated Platform partner products.
- **Undo** an animal on the DONE list.

See [Edit Dairy User Permissions](#) if you need help updating user permissions.

9.4.9.2. What can I do with PULSE Worklists?

In the Web Version of PULSE

Use the [browser version of PULSE](#) to:

- Generate Reports/Worklists from the Dairy Reports/Worklists tab or Gallery. See [Reports/Worklists](#) to learn more.
- View and monitor the status, details, and percent complete of all open Reports/Worklists. See [View Progress on All Open Worklists](#) to learn more.
- Configure [worklist](#)-specific settings, such as customizing vet list and hospital list event shortcuts and sounds. See [Sounds](#), [Vetcodes](#), and [Tasks & Worklist Settings](#) to learn more.

In the Mobile App

Use the Tasks feature in PULSE to:

- Process animals in worklists and set them to DONE.
- Make [pen](#) corrections if an animal's actual pen does not match the one shown on the worklist. See the topics below to learn more:
 - [Make Pen Corrections](#)
 - [Complete Tasks](#)
- Undo a to-be-processed item on the DONE list to move it back to the TODO list. You cannot undo an item that has already been processed (i.e., is Complete) and sent back to PULSE and DairyComp 305.
- Use the **Process Changes** button to send list updates back to PULSE and DairyComp (for DCU dairies).

9.4.9.3. Features not yet supported

Platform Worklists do not yet support the following features:

- Using voice commands to look up an animal on a list
- Searching for an animal that is not on the list
- Parlor-based hospital lists
- Configurable sounds for hospital lists

9.4.10. Learn More about Hospital Lists

Hospital Lists in the mobile app allow you treat animals on active protocols, view current milk or beef withholds, and add any new events as needed. Replacing what has historically been a paper list with an electronic one in the mobile app offers better safekeeping of your records, captures data for future analysis, and presents the opportunity to use scanners to speed up animal identification and treatment.

The mobile app delivers the same audible cues and sounds that many customers are familiar with from the [PCC](#) product, which helps your veterinarian and dairy workers quickly identify the animals that require treatment.

Use PULSE or [DC305](#) to create your hospital lists with a special type of LIST command. For DairyComp lists, adding the \HK switch to the commands sends them to PULSE.

Most dairies schedule hospital lists to run daily to ensure treatment protocols are properly followed, as drugs are usually administered on a daily basis.

Prior to being able to generate hospital lists, your dairy must first go through the process of defining treatment protocols, hospital items, and [pen](#) types in PULSE or DairyComp. See [Create Hospital Lists](#) to learn more.

NOTE: All adjustments to your dairy's protocols must be made in DairyComp. [Protocol](#) details are viewable from the [Protocols](#) Settings page.

PULSE provides a default set of Hospital List event shortcuts and sound files. In the current PULSE release, you can customize up to 7 event shortcuts by using PULSE Settings page. Hospital list sounds are not currently customizable. See [Configure PULSE Hospital Lists](#) to learn more.

You can then process your lists in DC on Mobile and [monitor them in the web version of PULSE](#). See [Complete Tasks](#) to learn more.

See the following topics for additional help with PULSE Hospital Lists:

- [How Hospital Lists Work](#)
- [Configure PULSE Hospital Lists](#)
- [Create Hospital Lists](#)

9.4.10.2. Configure PULSE Hospital Lists

PULSE provides a default set of Hospital List event shortcuts and sound files. In the current PULSE release, you can customize up to 7 event shortcuts by using PULSE Settings page. Hospital list sounds are not currently customizable. See [Tasks & Worklist Settings](#) for instructions on customizing event shortcuts for your hospital lists.

All other hospital list configuration steps are done in [DC305](#). See [Create Hospital Lists](#) to learn more.

9.4.10.3. Create Hospital Lists

Before you can process your hospital lists in PULSE or the mobile app, you must first generate them in PULSE, or set them up in DairyComp with the \K switch (which sends them to PULSE). PULSE then sends them out to the mobile app in its next [care package](#) update.

NOTE: Configuring treatment protocols and hospital lists requires advanced knowledge of PULSE, as well as the guidance of animal health experts. The steps outlined below assume that you are working with an expert user and your veterinarians to guide and properly define your treatment protocols.

Follow the steps below to continue:

- ✓ **Create Hospital Lists in PULSE**
- ✓ **Create Hospital Lists in DairyComp**

9.4.11. Learn More about To-Do Lists

To-Do lists are very flexible and can be created from PULSE or DairyComp. For DairyComp lists, adding the \K switch to the commands sends them to PULSE. See the topics below to learn more.

- [How To-Do Lists Work](#)
- [Create To-Do Lists](#)

9.4.11.1. How To-Do Lists Work

The primary purpose of to-do lists in PULSE is to track **one** action that needs to be completed for all animals on the list (send to dry, move to a different [pen](#), etc.). **All animals on the list should require that same *single* action.**

PULSE also supports OnDone and PostProcess routines. Before scheduling follow-up routines, however, you should review the instructions in [Create To-Do Lists](#) to make sure you understand how PULSE mobile app will handle them.

9.4.11.2. Create To-Do Lists

Before you can process your to-do lists in PULSE or the mobile app, you must first generate them in PULSE, or set them up in DairyComp with the \K switch and then send them to PULSE. PULSE then sends them out to the mobile app in its next [care package](#) update.

Expand the sections below to learn more:

- ✓ **Create To-Do Lists in PULSE**
- ✓ **Create To-Do Lists in DairyComp**

9.4.12. Learn More about Vet Lists

PULSE Vet Lists provide you a flexible workflow where you can select follow-up events for each animal and save animals in a queue when they require additional actions before processing.

PULSE mobile app delivers the same audible cues and sounds that many customers are familiar with from the [PCC](#) product, which helps your veterinarian and dairy workers quickly identify the required vetcodes for the animals they scan against the vet list.

Use PULSE or DairyComp to create your vet lists with a special VETLIST command. For DairyComp lists, adding the \K switch to the commands sends them to PULSE. The flexibility of the system allows you to schedule the vet lists to generate on days the veterinarian is scheduled to visit, or to generate and send them on an as-needed basis.

You can then process your lists in DC on Mobile and [monitor them in the web version of PULSE](#). See [Complete Tasks](#) to learn more.

IMPORTANT: PULSE provides a default set of vetcode event shortcuts and sound files, but you can customize the configuration further by using PULSE Settings page. Click the links below for detailed instructions.

See the topics below to learn more:

- [How Vet Lists Work](#)
- [Configure PULSE Vet Lists](#)
- [Create a Vet List](#)

9.4.12.1. How Vet Lists Work

Use PULSE or DairyComp to create your vet lists with a special VETLIST command. For DairyComp lists, adding the \K switch to the commands sends them to PULSE. The flexibility of the system allows you to schedule the vet lists to generate on days the veterinarian is scheduled to visit, or to generate and send them on an as-needed basis.

You can then process your lists in DC on Mobile and [monitor them in the web version of PULSE](#). See [Complete Tasks](#) to learn more.

Deciding which animals need to be presented to the veterinarian on herd check day can be a laborious task, particularly in large herds. Animals need to be grouped and examined for a variety of reasons — post calving checks, pregnancy checks, problem animals, and other reasons.

For these reasons, VAS has designed a unique setup of veterinary parameters in our DairyComp Vet Lists feature so that you can decide which animals need to be checked and when, saving valuable time as well as increasing efficiency on the dairy. The vet list is a special form of [worklist](#) that is generated in DairyComp and synced to PULSE, where you can then process it in the mobile app.

DairyComp creates vet lists by going through the cowfile, checking each animal record with the vetcode conditions, and determining if that animal needs to be seen by the veterinarian. A list of animals is then established with a specific veterinary code and descriptive reason ([VETC](#)) for veterinary examination.

Using a "veterinary code table" as a guide, DairyComp searches through the cowfile to determine if any of the veterinary codes should be put in the animal's record for an examination. The DairyComp VETLIST command sets a code based on the conditions of each vetcode. For example, veterinary code FRSH will be set for all animals whose [RPRO](#) code ([RC](#)) is 2 (FRESH) and [DIM](#) is greater than 25. Similarly, [PREG](#) will be for animals whose [RC=4](#) (BRED) and [DSLH](#) is greater than 40. See [Vetcodes](#) for more information on the standard DairyComp vetcodes.

NOTE:

See the additional notes below about veterinary codes and how they are set in order within the table:

1. It is important to remember that the DairyComp VETLIST command sets and resets veterinary codes. An exception is :Variable{key="VC" type="glossary"}=1, which manually flags an animal for a veterinary check and is not reset.
2. The DairyComp VETLIST command sets veterinary codes by first looking at the animal's record and seeing if a veterinary code exists. If there is no veterinary code present, the program examines the items in the animal's record to see if they meet any of the conditions in the veterinary code table (such as days in milk and [RC=2](#) or FRESH), or in the command abbreviation (such as [PEN=2-4](#)).
3. Three events can set veterinary codes directly; these are CHECK, which sets the veterinary code to 1 (CHCK), and either HEAT or BRED when they occur on a pregnant animal, which sets the code to 6 ([ABT?](#)).
4. The veterinary code is set to the first one that meets the criteria in the numbered veterinary code table.

To the first point, extraneous veterinary codes will produce errors in the vet list if they are left uncorrected. This can happen if animals are missed or the DairyComp VETLIST command is mistakenly run. It may become necessary to clear veterinary codes by entering VC=0 FOR VC>1 VC<>6 and other useful criteria for animals containing unwanted codes.

Basically, veterinary codes are left alone if they already exist. They will be in an animal's record if they were set by the events CHECK, BRED, or HEAT or if they are left there as rechecks or missed animals from the previous veterinary examination. If no code is present, the DairyComp VETLIST command looks at the animal's record to try to meet the criteria set in the veterinary code table.

IMPORTANT: Only one veterinary code can be assigned to each animal, and this is done on a "first come, first served" basis. Either the code already exists or, using the veterinary code table, the first criteria met will determine the code for the animal. For example, let's say an animal has been bred 43 days ago and has a heat interval of 8 days. The veterinary code 3 (PREG) will be set in her record since PREG is above CYST in the veterinary code table.

9.4.12.2. Configure PULSE Vet Lists

PULSE provides a default set of vetcode event shortcuts and sound files, but you can customize the configuration further by using PULSE Settings page. Click the links below for detailed instructions.

1. **Customize event shortcuts for your vetcodes:** When you use PULSE Vet Lists to process animals in the mobile app, you have the option to select which follow-up events can be set for an animal. See [Vetcodes](#) to learn more!
2. **Customize sounds:** See [Sounds](#) for instructions on adding or editing your sound files.

9.4.12.3. Create a Vet List

Before you can process your vet list in PULSE or the mobile app, you must first build it in PULSE, or set it up in [DC305](#) with the \K switch (which sends the list to PULSE).

IMPORTANT: Configuring s requires advanced veterinary knowledge as well as the guidance of animal health experts. The steps outlined below assume that you are working with an expert PULSE/DairyComp user and your vet.

Expand the sections below to learn more:

- ✓ **Create a Vet List in PULSE**
- ✓ **Create Vet Lists in DairyComp**

9.5. Events

PULSE events capture key animal activities, including reproduction-related items (freshening, pregnancy, breeding), location information (movement between pens), and illness details (diagnoses, treatment) that are vital to managing your herd.

The web version of PULSE allows you to add events directly from the [Animals List](#). You can add an event to a single animal or multiple animals, and then view the event on an individual animal's CowCard once processed.

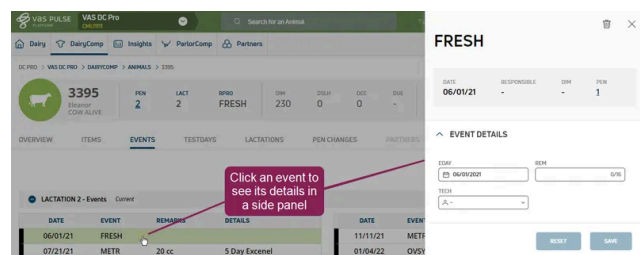
See the topics below to learn more.

- [View Events](#)
- [Add Events](#)
- [Update Events](#)
- [Delete Events](#)
- [Customize Events for PULSE](#)

9.5.1. View Events

The Events page organizes all events recorded for the animal within lactation cycle drop-downs for easier navigation. You can change the table style in the lactation drop-downs at any time by selecting the **Dual Table** or **Single Table** buttons, as illustrated in the image above.

Click an event to view additional details in a side panel.



The screenshot shows the VAS DC Pro interface. The main panel displays the 'EVENTS' tab for animal 3395. A table lists events with columns for DATE, EVENT, REMARKS, and DETAILS. The first event is 'FRESH' on 06/01/21. A red callout box points to this event with the text 'Click an event to see its details in a side panel!'. The side panel titled 'FRESH' is open, showing event details for the date 06/01/21. The side panel includes fields for DATE, RESPONSIBLE, SEX, and AGE, and a section for EVENT DETAILS with a dropdown for TECH and buttons for NEXT and DONE.

9.5.2. Add Events

- ✓ **Required Permissions**
- ✓ **Add a Single Event**
- ✓ **Add an Event with Different Details to Multiple Animals**
- ✓ **Add the Same Event to Multiple Animals**

What happens when you save an event?

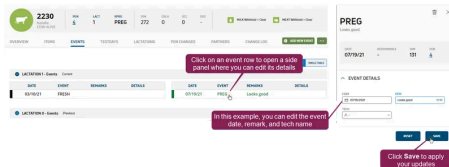
Saved events display on the CowCard immediately if you have MyDC. If you have DC Unlimited, saved events display after the system synchronizes with the on-premise DairyComp.

9.5.3. Update Events

✓ Required Permissions

✓ Can't find this feature? Make sure it's included in your subscription!

1. On the animal's CowCard, go to the Overview tab or the Events tab.
2. Click on the desired event to open the event's side panel.



3. Follow the guidelines below to complete your edits:

- You can only edit events from the current lactation.
 - Some event updates may reverse past event actions. For example, if you delete a MOVE event where an animal was moved to a new pen, the system will move the animal back to its previous pen.
- Click **Save** to apply your changes.

9.5.4. Delete Events

▼ Required Permissions

NOTE: Only events from the current lactation can be deleted.

1. On the animal's CowCard, go to the Overview tab or the Events tab.
2. Click on the desired event to view its details in a side panel.
3. Click the delete icon 🗑️ in the upper right corner, then click **Delete** in the pop-up confirmation window to complete the deletion.

9.5.5. Customize Events for PULSE

- ✓ **Is this relevant to me? Make sure it's included in your subscription!**

DC Unlimited subscribers can create and customize events directly through PULSE or in their on-premise version of DairyComp. Your updates remain synchronized between the regularly scheduled data synchronization.

Expand the topics below to learn more about customizing events in DairyComp and PULSE:

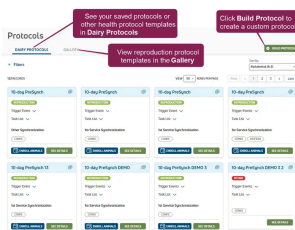
- ✓ **How do I create or edit events in DairyComp?**
- ✓ **How do I include specific pen selections in an event?**

9.6. Protocols (MyDC Only)

- ✓ Can't find this feature? Make sure it's included in your subscription!
- ✓ [Click here for a video tutorial on this feature!](#)

The PULSE Protocols feature allows MyDC subscribers to define custom animal treatments for reproduction activities or health events. These treatments include [protocol](#) tasks, which are a series of treatments that are scheduled and follow a prescribed order. Protocols may be defined for reproduction purposes or to treat an illness or other physical condition. Defining protocols with the assistance of your vet or other specialist and complying with the protocol improves your herd's overall health as well as reproduction outcomes.

Customize reproduction protocol templates from the **Gallery**, or view available health protocol templates from the **Dairy Protocols** page. You can also build custom protocols based on your dairy's needs.



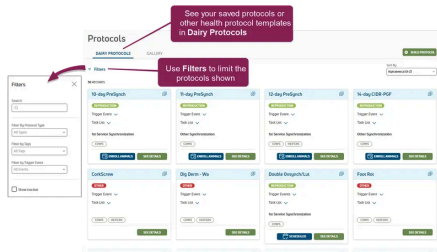
You can find this feature under the [MyDC](#) > [Protocols](#) menu. See the topics below to learn more:

- [Manage Dairy Protocols](#)
- [Protocols Gallery](#)
- [Protocol Builder](#)
- [Manage Protocol Tasks](#)
- [OvSynch Event Instructions](#)

9.6.1. Manage Dairy Protocols

✓ Required Permissions

The **Dairy Protocols** page includes the protocols you saved from the Gallery, available health protocols, and other custom protocols you created using Protocol Builder. Set **Filters** to limit the protocols shown by type, tags, or trigger event.



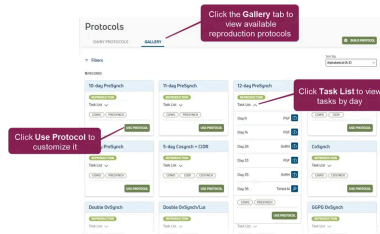
Expand the sections below to learn more:

- ✓ **View or Edit Protocol Details**
- ✓ **Add a Protocol**
- ✓ **Duplicate a Protocol**
- ✓ **Deactivate a Protocol**

9.6.2. Protocols Gallery

✓ Required Permissions

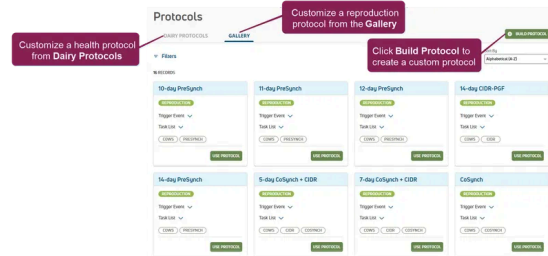
The **Protocols Gallery** includes standard reproduction protocol templates your dairy can customize and save.



Click **Task List** to view the protocol details by day, or click **Use Protocol** to customize it using [Protocol Builder](#) and save it to your [Dairy Protocols](#). You can find this feature under the [MyDC](#) > [Protocols](#) menu.

9.6.3. Protocol Builder

Use Protocol Builder to customize protocols for your dairy in one of three ways.



- Start with a reproduction protocol template from the **Gallery** page to customize a reproduction protocol.
- Start with a health protocol template from the **Dairy Protocols** page to customize a health treatment.
- If a template is not available, click the **Build Protocol** button on the top right of the page to create a new custom protocol.

You can find this feature under the [MyDC](#) > [Protocols](#) menu. Expand the sections below to learn more:

✓ Build an OvSynch Protocol

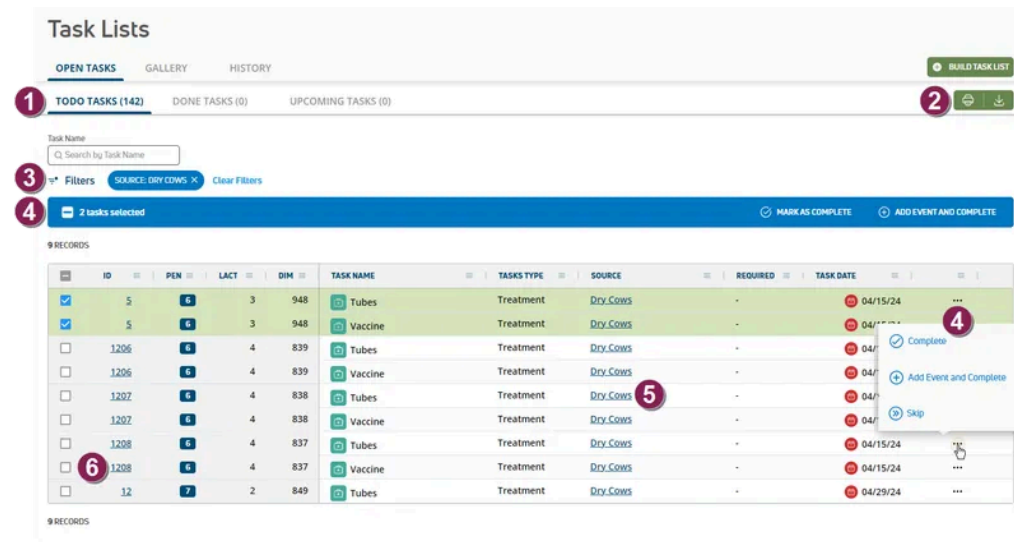
✓ Build Other Protocols

9.6.4. Manage Protocol Tasks

When animals are added to a [protocol](#), they are prescribed treatments on specific days known as Protocol Tasks. You can manage outstanding protocol tasks for your herd from your Open Tasks list.

▼ Show me the types of tasks available in PULSE!

Follow the guidelines below when working with the **Open Tasks** list:



- 1 View Tasks: Click **Todo Tasks** to view or process animals that have outstanding tasks, or click **Done Tasks** to view tasks that have been processed, or click **Upcoming Tasks** to view all tasks scheduled for the next 7 days.
- 2 Print or Export the [Task List](#): Click the green **Export as CSV** button  at the top right of the page to save the data as a CSV file. Or, click **Print**  to send your open tasks data to the printer. If you applied filter(s), the data will print or export with the current filter(s) applied.
- 3 Filter the List:
 - Type text in the **Task Name** field to search open task by name. Once text is typed, click the **Clear Filter(s)** option to clear the text typed.
 - Click **Filters** at the top left of the page to limit the data that is displayed. Once a filter is applied, click the **X** on a specific filter to remove it. Or, click the **Clear Filter(s)** option to clear all filters.
- ▼ Click here to learn about filtering tasks in mobile!
- 4 Process Tasks: You can process a task by marking it complete, by adding an event and marking it complete, by skipping it, or by removing it. Check one or more boxes next to the tasks on the left side of the page to process them. A blue bar is displayed above the table. Click **Mark as Complete** to complete the checked tasks.
 - ▼ Tell me more about processing tasks in PULSE!
 - ▼ Tell me more about processing tasks in mobile!

5 View Task Details: Click the task's **Source** to open a side panel and view its details.

✓ **Tell me more!**

6 View Animal Details: Click on an animal's [ID](#) in the table to open a side panel and view its details.

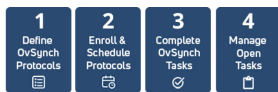
✓ **Tell me more!**

9.6.5. OvSynch Event Instructions

✓ **Can't find this feature? Make sure it's included in your subscription!**

PULSE OvSynch [protocols](#) feature for MyDC dairies delivers a completely customizable and easily configurable method of managing your OvSynch protocols. Customize predefined protocols from the [Protocols Gallery](#) page, or build your own based on your dairy's needs. Once your protocols are defined, you can begin to enroll animals.

Once you have animals enrolled in a protocol, PULSE automatically generates worklists for OvSynch tasks on the days they're [due](#), and your team can administer the shots and timed artificial insemination ([AI](#)) activities according to the plan. Use the mobile app or a browser to process your Open Tasks, or print your lists from the web for processing. Then manage progress from your Open Tasks list.



NOTE: PULSE currently supports Reproduction protocols only. Additional protocol types may be added in a future release.

✓ **Click here to learn more about the different types of OvSynch protocols!**

See the topics below to learn more:

- [Tips for Entering OvSynch Events](#)
- [Step 1: Define an OvSynch Protocol](#)
- [Step 2: OvSynch Enrollment & Scheduling](#)
- [Step 3: Complete OvSynch Tasks](#)
- [Step 4: Manage OvSynch Tasks & Alerts](#)

9.6.5.1. Tips for Entering OvSynch Events

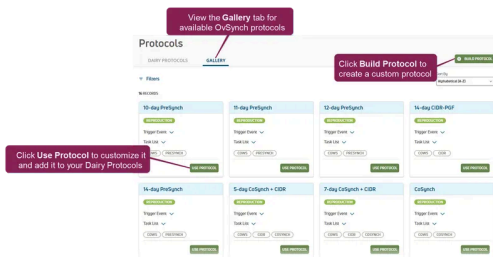
Expand the sections below to learn more:

- ✓ **Complete OvSynch tasks and enter them in PULSE daily**
- ✓ **How can I add missed animals to an OvSynch protocol?**
- ✓ **Can I automate the enrollment of animals to an OvSynch protocol?**
- ✓ **Can an animal be enrolled in more than one OvSynch protocol?**
- ✓ **What checks are in place to ensure the right animals are enrolled in an OvSynch protocol?**
- ✓ **What happens when I Skip a task?**
- ✓ **How should I handle overdue tasks?**
- ✓ **Related Topics**

9.6.5.2. Step 1: Define an OvSynch Protocol

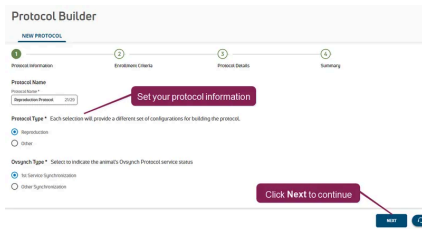
Before you can begin an OvSynch, you must first define at least one [protocol](#). Follow the steps below to define a protocol and add it to your Dairy Protocols:

- 1 Open the **Gallery** to see if the OvSynch protocol you need is available. If it is, click **Use Protocol** to begin customizing it. If you need to define a completely custom OvSynch protocol, click **Build Protocol** to build it.



TIP: Using a protocol template from the Gallery as a starting point will save you time, as it includes the default enrollment criteria, as well as standard treatments according to the expected timeline. You can still customize the timing of treatments or make other adjustments if you'd like!

2 Set your protocol options and click **Next** to continue through the customization process.



The screenshot shows the 'Protocol Builder' interface for a 'NEW PROTOCOL'. It has a progress bar with four steps: 1. Protocol Information, 2. Enrollment Criteria, 3. Protocol Details, and 4. Summary. The first step is active. Below the progress bar, there are sections for 'Protocol Name' (with a text input field), 'Protocol Type' (with radio buttons for 'Reproduction' and 'Other'), and 'OvSynch Type' (with radio buttons for 'No Service Synchronization' and 'OvSynch Synchronization'). A red callout box points to the 'Protocol Name' field with the text 'Set your protocol information'. Another red callout box points to the 'Next' button with the text 'Click Next to continue'.

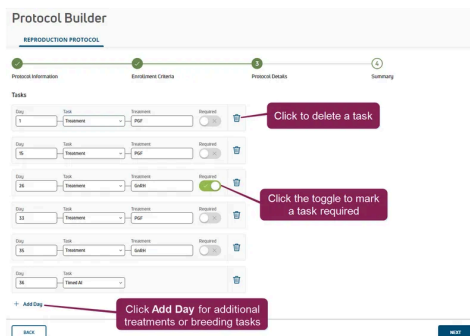
Protocol Information: Add a **Protocol Name** and select **Reproduction** as the **Protocol Type**.

✓ **Learn more about protocol types**

Enrollment Criteria: Add enrollment and disenrollment event details and select if the protocol is for cows or heifers.

✓ **Learn more about enrollment criteria**

Protocol Details: Add or adjust the specific tasks for the protocol, including day/required treatment details. You can mark tasks as **Required** using the toggle :



The screenshot shows the 'Protocol Builder' interface for a 'REPRODUCTION PROTOCOL'. It has a progress bar with four steps: 1. Protocol Information, 2. Enrollment Criteria, 3. Protocol Details, and 4. Summary. The third step is active. Below the progress bar, there is a table of tasks. Each task row includes a 'Day' field, a 'Treatment' dropdown, a 'Disenrollment' dropdown, and a 'Required' toggle switch. A red callout box points to a trash icon next to a task with the text 'Click to delete a task'. Another red callout box points to a toggle switch with the text 'Click the toggle to mark a task required'. A third red callout box points to an 'Add Day' button with the text 'Click Add Day for additional treatments or breeding tasks'.

NOTE: Day 1 tasks occur on the day the animal is enrolled in the protocol. Required tasks cannot be Skipped when processing your Open Tasks list.

Summary: Use this screen to review your options. Click **Back** to make any necessary adjustments.

3 Click **Create** to save the protocol to your **Dairy Protocols** page.

Proceed to [Step 2: OvSynch Enrollment & Scheduling](#) to begin enrolling animals.

✓ **Related Topics**

9.6.5.3. Step 2: OvSynch Enrollment & Scheduling

OvSynch enrollment can be handled manually or automatically depending on how your dairy prefers to manage the associated treatments and tasks:

- Manual enrollment offers more control and allows you to select specific animals to enroll in a [protocol](#).
- Automatic enrollment streamlines the process and eliminates the selection process for enrolling animals. Animals that meet your defined criteria are automatically enrolled according to the schedule you set.

NOTE: The most efficient way to enroll or schedule animals for OvSynch protocols is from your [Dairy Protocols](#) page. However, if one or more animals were missed on the day of enrollment, you can also use the [Animals List](#) to add an OvSynch event and manually set the enrollment date.

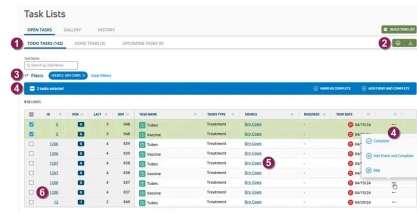
- ✓ **Schedule Automatic Enrollment**
- ✓ **Manually Enroll from Dairy Protocols**
- ✓ **Manually Enroll from Animals List**
- ✓ **What happens after animals are enrolled?**

Proceed to [Step 3: Complete OvSynch Tasks](#) after your animals are enrolled.

9.6.5.4. Step 3: Complete OvSynch Tasks

Once your dairy has active OvSynch protocols with animals enrolled, PULSE adds animals that require treatments in a daily Open Tasks list.

Follow the guidelines below when working with the **Open Tasks** list:



- 1 View Tasks: Click **Todo Tasks** to view or process animals that have outstanding tasks, or click **Done Tasks** to view tasks that have been processed, or click **Upcoming Tasks** to view all tasks scheduled for the next 7 days.
- 2 Print or Export the [Task List](#): Click the green **Export as CSV** button  at the top right of the page to save the data as a CSV file. Or, click **Print**  to send your open tasks data to the printer. If you applied filter(s), the data will print or export with the current filter(s) applied.
- 3 Filter the List:
 - Type text in the **Task Name** field to search open task by name. Once text is typed, click the **Clear Filter(s)** option to clear the text typed.
 - Click **Filters** at the top left of the page to limit the data that is displayed. Once a filter is applied, click the **X** on a specific filter to remove it. Or, click the **Clear Filter(s)** option to clear all filters.

✓ **Click here to learn about filtering tasks in mobile!**
- 4 Process Tasks: You can process a task by marking it complete, by adding an event and marking it complete, by skipping it, or by removing it. Check one or more boxes next to the tasks on the left side of the page to process them. A blue bar is displayed above the table. Click **Mark as Complete** to complete the checked tasks.
 - ✓ **Tell me more about processing tasks in PULSE!**
 - ✓ **Tell me more about processing tasks in mobile!**
- 5 View Task Details: Click the task's **Source** to open a side panel and view its details.
 - ✓ **Tell me more!**
- 6 View Animal Details: Click on an animal's **ID** in the table to open a side panel and view its details.
 - ✓ **Tell me more!**

Processed tasks can also be accessed on the [Tasks](#) tab in the animal's CowCard. Proceed to [Step 4: Manage OvSynch Tasks & Alerts](#) to continue.

9.6.5.5. Step 4: Manage OvSynch Tasks & Alerts

As your dairy completes OvSynch tasks, you'll want to track progress and verify compliance to your active protocols. You also have the option of setting daily alerts on your [protocol](#) tasks. Follow the steps below to monitor the progress of OvSynch tasks or use alerts to help you stay on track:

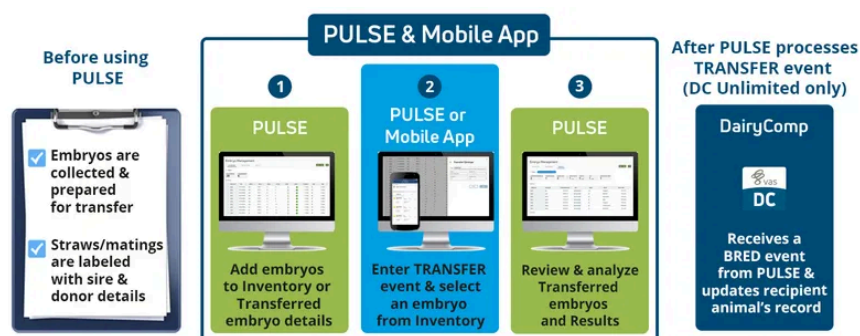
- ✓ **Monitor Tasks from Web**
- ✓ **Monitor Tasks from Mobile**
- ✓ **Set and Manage Task Alerts**
- ✓ **Deactivate/Reactivate an OvSynch Protocol**

9.7. Embryo Management

✓ [Click here for video tutorials on this feature!](#)

The TRANSFER event is a PULSE-only event added to recipient animals for embryo transfers. PULSE allows you to manage your embryo inventory and enter TRANSFER events in web or the mobile app. Adding embryos is simple, and defining embryo details in advance saves you precious time during embryo transfer tasks while out on the dairy with your embryo technician. You can find this feature under the [DairyComp/MyDC Menu](#).

After your embryos are collected and prepared for transfer, you can add them to inventory and then select them while adding embryo TRANSFER events. Or, use the batch import process to import embryos to inventory or add completed transfers. Then track transferred embryos and your results from PULSE.



After PULSE processes the Embryo TRANSFER event, it forwards the event details on to DairyComp for DCU dairies.

See the topics below to learn more:

- [Tips for Embryo Transfers in PULSE](#)
- [Add Embryos to Inventory or Transferred Embryos](#)
- [Add TRANSFER Events](#)
- [Embryo Inventory](#)
- [Transferred Embryos](#)
- [Embryo Results](#)

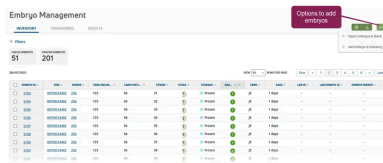
9.7.1. Tips for Embryo Transfers in PULSE

- ✓ **Before You Add Embryos to Inventory**
- ✓ **Save Time by Importing Embryos in Batch!**
- ✓ **Automatically Add Transfer Events to Recipient Animals**
- ✓ **Embryo Requirements for Transfer**
- ✓ **Enter Completed Transfers as Soon as Possible!**
- ✓ **Embryo and Transfer Event Sanity Checks**
- ✓ **Embryo Transfer Results**
- ✓ **Embryo Transfers in DairyComp (for DCU dairies)**
- ✓ **Learn more about fresh embryos**
- ✓ **Learn more about frozen embryos**

9.7.2. Add Embryos to Inventory or Transferred Embryos

PULSE allows you to add fresh or frozen embryos to inventory to streamline embryo transfer tasks while out on the farm and using the mobile app. Use the batch import feature to quickly add multiple embryos, such as those harvested from an [embryo flush](#), or add individual embryos or multiple identical embryos as needed. You can also add transferred embryos directly to the [Transferred Embryos](#) page using the same batch import process and file.

You can find this feature under the [DairyComp/MyDC](#) > [Embryos](#) menu. The options to add embryos are available from the menu or the Embryo Management tabs.



ID	Name	Breed	Age	Sex	Status	Notes
1000000001	Embryo 1	Angus	10	Female	Active	
1000000002	Embryo 2	Angus	10	Female	Active	
1000000003	Embryo 3	Angus	10	Female	Active	
1000000004	Embryo 4	Angus	10	Female	Active	
1000000005	Embryo 5	Angus	10	Female	Active	

✓ Before You Add Embryos to Inventory

✓ Embryo Requirements for Transfer

Expand the sections below to learn more:

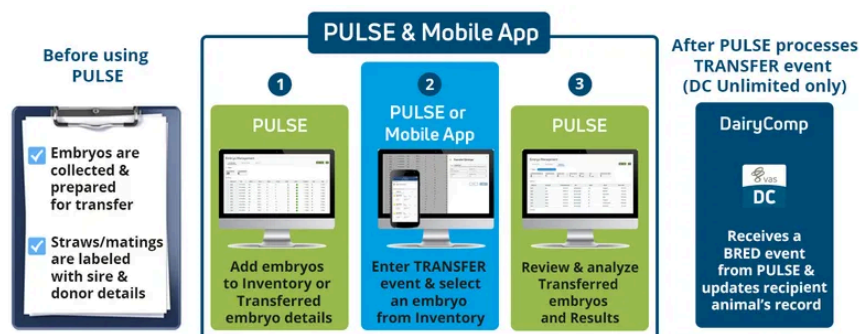
✓ Import Embryos in Batch

✓ Import Transferred Embryos

✓ Add One Embryo or Multiple Embryos with Same Details

9.7.3. Add TRANSFER Events

The TRANSFER event is a PULSE-only event added to recipient animals for embryo transfers. PULSE allows you to manage your embryo inventory and enter TRANSFER events in web or the mobile app.

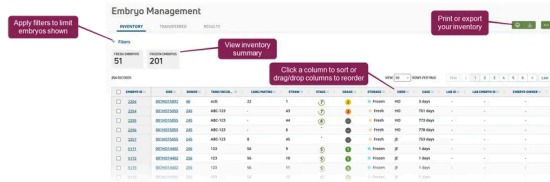


Expand the sections below to learn more:

- ✓ **Add a TRANSFER Event**
- ✓ **TRANSFER Event Details**
- ✓ **Process Changes**
- ✓ **Embryo Transfer Results**
- ✓ **Embryo Transfers in DairyComp (for DCU dairies)**

9.7.4. Embryo Inventory

After you [Add Embryos to Inventory or Transferred Embryos](#), use the Inventory tab to view or edit available embryos.

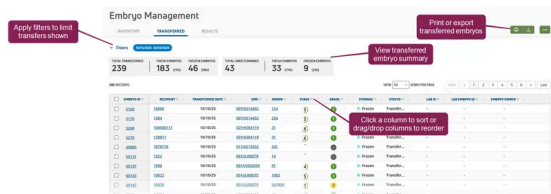


Expand the sections below to learn more.

- ✓ **View Embryos**
- ✓ **Edit or Delete Embryos**
- ✓ **Transfer an Embryo from Inventory**
- ✓ **Convert a Fresh Embryo to Frozen**
- ✓ **Print or Export Inventory**

9.7.5. Transferred Embryos

The Transferred tab provides information on embryos that were transferred into recipient animals. This data is updated after embryos from inventory are used for BRED events and then processed from mobile or web.

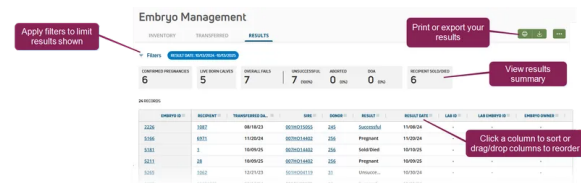


Embryo ID	Recipient ID	Recipient Name	Recipient Species	Recipient Breed	Recipient Age	Recipient Sex	Recipient Status	Recipient Location	Recipient Date	Recipient Time	Recipient User	Recipient Comment	Recipient Action
1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1001	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001
1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002
1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003	1003
1004	1004	1004	1004	1004	1004	1004	1004	1004	1004	1004	1004	1004	1004
1005	1005	1005	1005	1005	1005	1005	1005	1005	1005	1005	1005	1005	1005
1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006
1007	1007	1007	1007	1007	1007	1007	1007	1007	1007	1007	1007	1007	1007
1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008
1009	1009	1009	1009	1009	1009	1009	1009	1009	1009	1009	1009	1009	1009
1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010	1010

- ✓ View Transfer Details
- ✓ Delete Transferred Embryos
- ✓ Print or Export Transferred Embryos

9.7.6. Embryo Results

The Results tab in the Embryo Management page lists the outcomes of embryo transfers, including pregnant animals, live births, and other details.



The screenshot shows the 'Embryo Management' interface with the 'RESULTS' tab selected. Callouts highlight key features: 'Apply filters to limit results shown' points to the filter icon; 'Print or export your results' points to the print and export buttons; 'View results summary' points to the summary button; and 'Click a column to sort or drag/drop columns to reorder' points to a column header in the table.

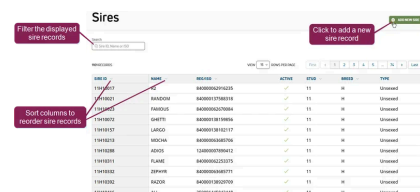
EMBRYO ID	RECIPIENT	TRANSFER DATE	AGE	STATUS	REMARKS	RECIPIENT NAME	LAB ID	LAB EMBRYO ID	EMBRYO STATUS
2228	1002	10/19/2024	8020020000	230	Successful	10/19/24			
5308	4573	11/20/24	8020020000	230	Pregnant	11/20/24			
5301	1	10/19/2024	8020020000	230	Still Born	10/19/2024			
5323	24	10/19/2024	8020020000	230	Pregnant	10/19/2024			
5305	1002	10/19/2024	8020020000	230	Still Born	10/19/2024			

- ✓ View Embryo Transfer Results
- ✓ Print or Export Transferred Embryo Results

9.8. Sires

✓ Required Permissions

The Sires page allows you to view and manage all of your dairy's sire records. The information contained in sire records is included throughout PULSE, such as in events, items, and cowcards. You can find this feature under the [DairyComp/MyDC Menu](#).



Sires

Filter the displayed sire records

Click to add a new sire record

Sort columns to reorder sire records

Sire ID	Name	Breed	Birth Date	Status	Type
10000001	AL	RED	10/01/1980	✓	SI
10000002	AL	RED	10/01/1980	✓	SI
10000003	AL	RED	10/01/1980	✓	SI
10000004	AL	RED	10/01/1980	✓	SI
10000005	AL	RED	10/01/1980	✓	SI
10000006	AL	RED	10/01/1980	✓	SI
10000007	AL	RED	10/01/1980	✓	SI
10000008	AL	RED	10/01/1980	✓	SI
10000009	AL	RED	10/01/1980	✓	SI
10000010	AL	RED	10/01/1980	✓	SI
10000011	AL	RED	10/01/1980	✓	SI
10000012	AL	RED	10/01/1980	✓	SI
10000013	AL	RED	10/01/1980	✓	SI
10000014	AL	RED	10/01/1980	✓	SI
10000015	AL	RED	10/01/1980	✓	SI
10000016	AL	RED	10/01/1980	✓	SI
10000017	AL	RED	10/01/1980	✓	SI
10000018	AL	RED	10/01/1980	✓	SI
10000019	AL	RED	10/01/1980	✓	SI
10000020	AL	RED	10/01/1980	✓	SI

✓ Learn more about the information shown in the Sires list

✓ View Sire Details

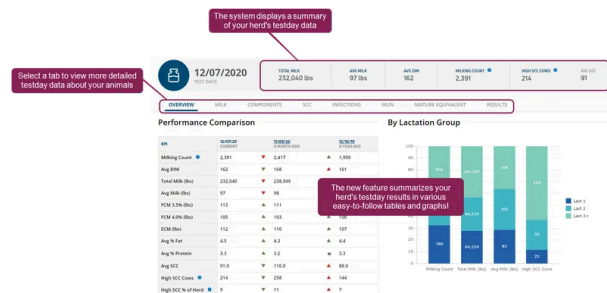
✓ Add Sire Records

✓ Edit Sire Records

✓ Delete Sire Records

9.9. Testdays

The PULSE Testday page summarizes your herd's testday data in extensive, easy-to-follow graphs and tables. Navigate to the various tabs to see your herd's testday results broken down in different ways.



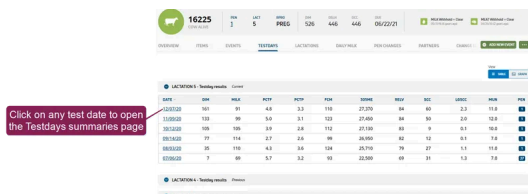
You can find this feature under the [DairyComp/MyDC](#) > [Testdays](#) menu.

NOTE: DCU dairies can view testday data in PULSE if they currently import testday results into DairyComp. MyDC dairies can view testday data in PULSE with an active [DRPC](#) integration. See [Milk Quality](#) to learn more about our DRPC partners!

The additional information can help you identify underperforming animals and pens. For example, you can quickly identify animals with high somatic cell counts ([SCC](#)), which may offer more visibility into underlying conditions, such as poor sanitation practices or other causes of [mastitis](#).

You can find this feature on the [Testdays tab on an animal's CowCard](#) or under the [DairyComp/MyDC menu](#):

- **Current** Testday: Select the Current Testday page to view the current day's detailed test results.
- Testdays **List**: Select the Testdays List page to see a list of testdays. Click on a testday to view the day's detailed test results.



Expand the sections below to learn more.

- ✓ **Overview**
- ✓ **Milk**
- ✓ **Components**
- ✓ **SCC**
- ✓ **Infections**
- ✓ **MUN**
- ✓ **Mature Equivalent**
- ✓ **Results**

9.9.1. Import Testday

✓ **Can't find this feature? Make sure it's included in your subscription!**

The Platform **Import** Testday feature for MyDC dairies offers the ability to import testday results from any [DRPC](#) or testing facility. This additional flexibility extends the power of Platform testday reporting and tracking to help you use data from multiple sources or from smaller or local DRPCs!

You can find this feature under the [DairyComp/MyDC](#) > [Testdays](#) menu.

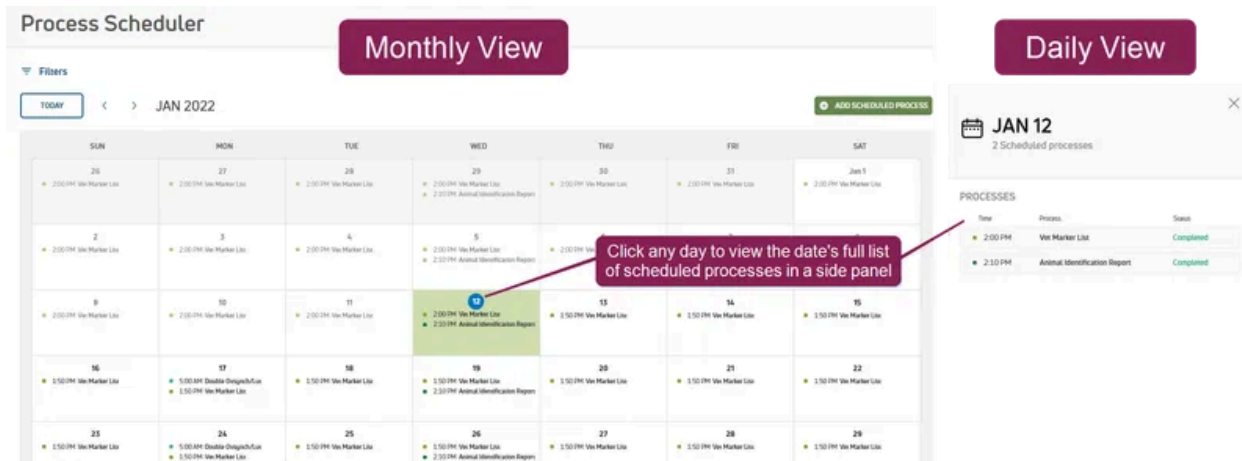
Expand the sections below to learn more:

- ✓ **Download the template and upload data**
- ✓ **Preview data and confirm**
- ✓ **Import summary**
- ✓ **View Testday Results**

9.10. Process Scheduler

Required Permissions

Use the **Process Scheduler** calendar to view all your scheduled activities in one convenient location. The calendar provides a monthly view, and clicking on a specific day provides additional details in a side panel.



The screenshot shows the 'Process Scheduler' interface. At the top, there are tabs for 'Monthly View' and 'Daily View'. Below the tabs, there's a 'Filters' section and a calendar for 'JAN 2022'. The calendar displays a grid of days with scheduled processes listed for each day. A callout box points to the date 'Jan 12' with the text: 'Click any day to view the date's full list of scheduled processes in a side panel'. To the right of the calendar, there's a 'Daily View' panel for 'JAN 12' showing '2 Scheduled processes'. Below this, there's a 'PROCESSES' table with columns for 'Time', 'Process', and 'Status'.

Time	Process	Status
2:00 PM	Vet Marker List	Completed
2:10 PM	Animal Identification Report	Completed

PULSE supports scheduling Worklists and Reports/Worklists to automatically generate on a daily, weekly, monthly, or even hourly basis. See [Schedule Worklists](#) or [Schedule Reports](#) for instructions on adding those processes. After adding the processes to the schedule, you can view the activities on Process Scheduler.

Process Scheduler also allows you to create and manage email and text alerts for your dairy's [protocol](#) tasks. See [Add and Manage Task Status Alerts](#) for more information on setting protocol task alerts.

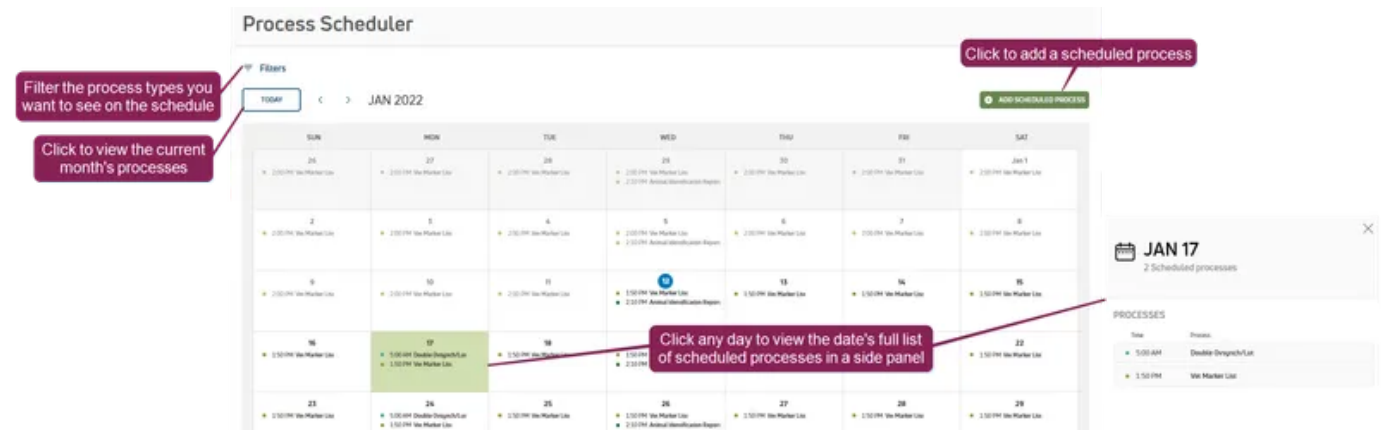
NOTE: Protocol-related processes for OvSynch can be set to automatically run according to your defined enrollment setup. See [Schedule Automatic Enrollment](#) to learn more!

See the topics below to learn more:

- [View Scheduled Processes](#)
- [Schedule or Edit a Process](#)
- [Add and Manage Task Status Alerts](#)

9.10.1. View Scheduled Processes

On the **Process Scheduler** page, you can see all your scheduled processes in one easy-to-read calendar. In a few clicks, you can also see when each process is scheduled to start or how often the process is scheduled to run.



The screenshot shows the 'Process Scheduler' interface. At the top, there's a 'Filters' section with a 'TODAY' button and a date selector for 'JAN 2022'. A green button labeled 'ADD SCHEDULED PROCESS' is in the top right. The main area is a calendar grid for January 2022, showing scheduled processes for each day. A callout points to the 'TODAY' button: 'Click to view the current month's processes'. Another callout points to the 'ADD SCHEDULED PROCESS' button: 'Click to add a scheduled process'. A third callout points to a date in the calendar: 'Click any day to view the date's full list of scheduled processes in a side panel'. On the right, a side panel for 'JAN 17' shows '2 Scheduled processes' and a list of processes with their times and names.

Follow the guidelines below when working with the Process Scheduler calendar:

- Use the filters on the upper left side of the calendar to select the processes you want to see on the schedule.
- Click the [TODAY](#) button on the upper left side of the calendar to see the current month's scheduled processes.
- Click the **Add Scheduled Process** button on the upper right side of the calendar to schedule a new process.

NOTE: Currently, users can only add a [Protocol](#) task status alert from the Process Scheduler page. See [Add and Manage Task Status Alerts](#) to learn more about scheduling the alert messages.

Additionally, you can manage your system's processes directly on the Process Scheduler page. To learn more about scheduling and editing the processes shown on your Process Scheduler calendar, see [Schedule or Edit a Process](#).

9.10.2. Schedule or Edit a Process

Expand the topics below to learn more about scheduling and managing the processes that are included in your calendar on the Process Scheduler page. You can schedule future processes or edit or delete current processes:

- ✓ **Schedule Processes**
- ✓ **Edit Processes**
- ✓ **Delete Processes**

9.10.3. Add and Manage Task Status Alerts

NOTE: Use this topic to learn more about [protocol](#) task status alerts, which are based on your dairy protocols and scheduling setup. PULSE also offers an option to set [KPI](#)-based alerts for your dairy. See [How do I set KPIs and alerts?](#) to learn more about KPI-based alerts.

You can receive a daily email or text that provides a quick status update about the day's scheduled processes. For example, you can set up a daily alert that summarizes the progress of your dairy's scheduled protocol tasks. In a short message, the system tells you how many tasks were completed, are overdue, and other details.

Example Alert Email

Jan 12, 2022

Tasks Status



1 Total tasks for 2 protocol(s):

Foot Rot , OvSynch

To Do Tasks:

Required Today: 0

Not Required Today: 0

Required Overdue: 0

Not Required Overdue: 1

Done Tasks:

Progress: 0.0%

Completed: 0

Skipped: 0

Done: 0

Required: 0

Wrong Pen: 0

Expand the sections below to learn more:

✓ **Add Alerts**

✓ **Manage Alerts**

9.11. Milk Recording

- ✓ **Required Setup**
- ✓ **Can't find this feature? Make sure it's included in your subscription!**
- ✓ **Required Permissions**
- ✓ **Click here for video tutorials on this feature!**

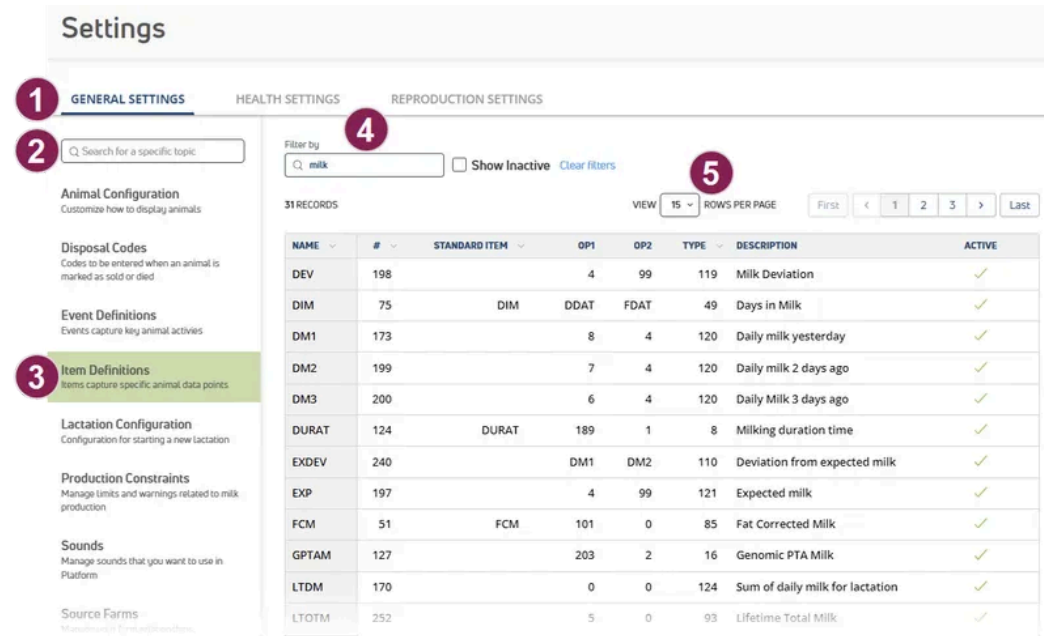
The PULSE Milk Recording feature allows MyDC dairies to share their latest animal records with their DRPC. This task is typically done on a monthly or bi-monthly basis, when your dairy completes their scheduled milk testing. After the DRPC testday results are returned to PULSE, you can view the results on individual animals' CowCards, on the [Testdays](#) tab.

Follow the steps below to connect the integration and begin using the PULSE Milk Recording feature:

- ✓ **Step 1: Connect the integration**
- ✓ **Step 2: Manage animal records on testday**
- ✓ **Step 3: View your testday results**

9.12. Settings

The **Settings** page allows you to view and edit PULSE settings and configuration options. For DC Unlimited subscribers, the changes you make here are synchronized with on-premise DairyComp. You can find this feature under the [DairyComp/MyDC Menu](#).



The screenshot shows the 'Settings' page with the following components:

- 1 GENERAL SETTINGS**: The active tab at the top.
- 2**: Search field for a specific topic.
- 3**: Item Definitions section in the left sidebar.
- 4**: Filter by field with a search input containing 'milk' and a 'Show Inactive' checkbox.
- 5**: View and Rows Per Page controls, showing 'VIEW 15' and 'ROWS PER PAGE'.

NAME	#	STANDARD ITEM	OP1	OP2	TYPE	DESCRIPTION	ACTIVE
DEV	198		4	99	119	Milk Deviation	✓
DIM	75	DIM	DDAT	FDAT	49	Days in Milk	✓
DM1	173		8	4	120	Daily milk yesterday	✓
DM2	199		7	4	120	Daily milk 2 days ago	✓
DM3	200		6	4	120	Daily Milk 3 days ago	✓
DURAT	124	DURAT	189	1	8	Milking duration time	✓
EXDEV	240		DM1	DM2	110	Deviation from expected milk	✓
EXP	197		4	99	121	Expected milk	✓
FCM	51	FCM	101	0	85	Fat Corrected Milk	✓
GPTAM	127		203	2	16	Genomic PTA Milk	✓
LTDm	170		0	0	124	Sum of daily milk for lactation	✓
LTOTM	252		5	0	93	Lifetime Total Milk	✓

Follow the guidelines below when working with the Settings page:

- 1** View Settings Categories: Click the tabs at the top of the page to view **General Settings**, **Health Settings**, and **Reproduction Settings**.
- 2** Search for Settings: Use the **Search** field at the top left to find a specific Settings page.
- 3** Select an Option: Settings for the option selected are displayed on the right side of the page.
- 4** Filter the List: Some settings include additional search features at the top of the page.
- 5** 1. View Rows Per Page: Select an option to change how many records are displayed on the page, and click the navigation options to jump to a specific page.

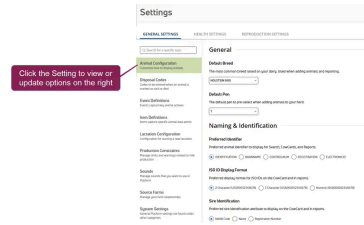
TIP: Permissions to edit settings depend on your subscription and role.

See the topics below to learn more.

- [General Settings](#)
- [Health Settings](#)
- [Reproduction Settings](#)

9.12.1. General Settings

Use the **General Settings** tab to view or adjust general PULSE configuration options.



NOTE: PULSE supports various General Settings categories. Select an option to view or edit a General Settings category.

See the topics below to learn more.

- [Animal Configuration](#)
- [Disposal Codes](#)
- [Event Definitions](#)
- [Item Definitions](#)
- [Lactation Configuration](#)
- [Production Constraints](#)
- [Sounds](#)
- [Source Farms](#)
- [System Settings](#)

9.12.1.1. Animal Configuration

✓ Required Permissions

The Animal Configuration page allows you to customize animal data for your dairy, such as naming and identification formats and quarter configuration. You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the General Settings tab.

See the sections below for more information:

✓ General

✓ Naming & Identification

✓ Source Farm Identification

✓ RFID Scanning

✓ Quarter Configuration

9.12.1.2. Disposal Codes

✓ Required Permissions

The **Disposal Codes** page allows you to view all available disposal codes for your dairy. Whenever a disposal event is entered, a disposal code is assigned to it. DC Unlimited subscribers can also edit the code descriptions and add new disposal codes if they have the required permissions.

IMPORTANT: Use caution when changing disposal codes, as some are commonly used in the dairy industry and linked to processing centers that computerize dairy data.

You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the General Settings tab. Use the **Filter by** field to filter the list by code number or description.

Filter displayed disposal codes

Filter by

CODE	DESCRIPTION
1	Locomotion problems (feet, legs, lameness)
2	Sold to another dairy
3	Poor production
4	Reproductive problems
5	Unspecified reason
7	Mastitis or high SCC
9	Udder problems (conformation or injury)
10	Undesirable conformation (other than udder)
11	Aggressive behavior

9 RECORDS

✓ Add Disposal Codes

✓ Edit Disposal Codes

9.12.1.3. Event Definitions

✓ Required Permissions

The **Event Definitions** page allows you to view detailed information on all configured events, including any custom or dairy-specific events. Events capture key animal activities that are vital to managing your herd, such as reproduction items (freshening, pregnancy, breeding), location information (movement between pens), and illness details (diagnoses, treatment). Events are critical in supporting VAS data analysis and daily management tools, including reports, [worklists](#), and dashboard widgets. You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the General Settings tab.

With the correct permissions, DC Unlimited subscribers can edit the details of events. MyDC subscribers can edit the descriptions and display colors of events.

IMPORTANT: Once an event definition is created, it cannot be deleted. You can, however, mark unused event definitions as inactive.

✓ View Event Definitions

✓ Edit Event Definitions

✓ Edit Optional Details

✓ Related Topics

9.12.1.4. Item Definitions

✓ Required Permissions

The **Item Definitions** page displays detailed information on all items configured for your dairy. MyDC dairies include standard, predefined items commonly used throughout the industry. DC Unlimited dairies may also have custom or dairy-specific items. PULSE items capture specific animal data points, including numbers, dates, animal status, and milk production details that are critical to managing your herd. These data points are the foundational components of VAS data analysis and daily management tools, including reports, worklists, and PULSE widgets. You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the General Settings tab.

With the correct permissions, DC Unlimited subscribers can view additional item details and edit their settings. MyDC subscribers can only edit item descriptions.

✓ View Item Definitions

✓ Edit Item Definitions

✓ Related Topics

9.12.1.5. Lactation Configuration

- ✓ **Required Setup**
- ✓ **Required Permissions**

The Lactation Configuration page allows you to control settings and items for new lactations, including resetting items, copying data over as a previous lactation item, or copying details from the dam to her calf. These options automate the data entry required for the new lactation and calf, saving you valuable time and cutting down on typos and errors in the process. You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the General Settings tab.

IMPORTANT: If your Lactation Configuration is set incorrectly, you may lose important historical lactation data. Use caution when editing these settings to avoid inadvertently clearing the wrong items or copying data to new lactations incorrectly.

With the correct permissions, DC Unlimited subscribers and MyDC subscribers can edit lactation configuration settings, but only DC Unlimited subscribers can edit **Items to be Reset** when starting a new lactation, as well as **Items to be copied to a new lactation item** and **Items to be copied from dam to calf**.

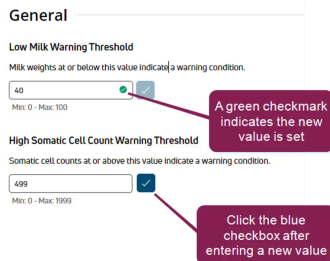
Expand the sections below to learn more:

- ✓ **Items to be Prompted for Fresh Cows**
- ✓ **Items to be Prompted for New Calves**
- ✓ **Items to be added together**
- ✓ **Items to be Reset**
- ✓ **Items to be copied to a new lactation item**
- ✓ **Items to be copied from dam to calf**

9.12.1.6. Production Constraints

✓ Required Permissions

The settings within the Production Constraints page are used to manage the limits and warnings for low milk weights and somatic cell count warnings. You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the General Settings tab.



General

Low Milk Warning Threshold
Milk weights at or below this value indicate a warning condition.

40
Min: 0 - Max: 100

High Somatic Cell Count Warning Threshold
Somatic cell counts at or above this value indicate a warning condition.

499
Min: 0 - Max: 1999

A green checkmark indicates the new value is set

Click the blue checkbox after entering a new value

Use the fields in this window to set warning message thresholds, then click the blue checkbox. Once a new value is set, a green checkmark indicator temporarily appears:

- **Low Milk Warning:** Milk weights at or below this value trigger a warning message in system reports.
- **High Somatic Cell Count Warning Threshold:** Somatic cell counts ([SCC](#)) at or above this value trigger a warning condition in system reports.

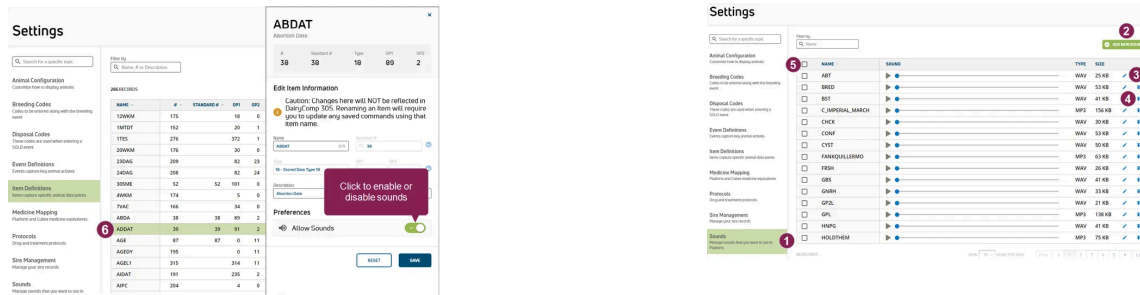
NOTE: SCC is an indicator of milk quality, as most somatic cells found in milk are white blood cells, which are produced as an immune response to an infection. Generally, lower SCC values point to better animal health and milk quality.

9.12.1.7. Sounds

✓ Required Permissions

PULSE mobile app is able to play audible cues when you tap or scan animals in a vet list. PULSE provides a default set of sound files; however, you can customize them using the Sounds settings page defined here. You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the General Settings tab.

You can then follow the steps below to view, add, edit, or delete PULSE sounds.



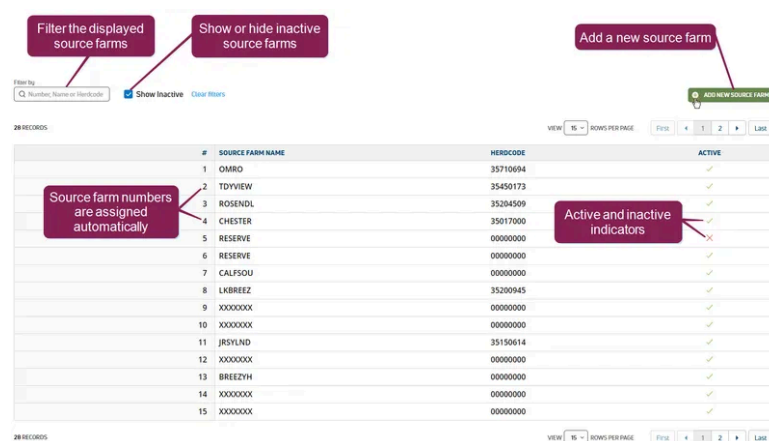
- 1 ✓ View Sound Settings
- 2 ✓ Add Sounds
- 3 ✓ Edit Sound Names
- 4 ✓ Delete Sounds
- 5 ✓ Delete Sounds in Bulk
- 6 ✓ Enable Sounds for Item Values

After you finish editing your sounds, the changes will be uploaded to the mobile app during the next [care package](#) update.

9.12.1.8. Source Farms

Required Permissions

The Source Farms page displays the list of farms where your animals are sourced from (i.e., the farms where the animals originated). You can quickly view each farm's name, number, and herdcode, as well as whether the source farm is active. Users with Herd Write permissions can edit source farm settings. You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the General Settings tab.



The screenshot shows the Source Farms page with the following annotations:

- Filter the displayed source farms:** Points to the search bar labeled "Filter by" with a magnifying glass icon and the text "Q Number, Name or Herdcode".
- Show or hide inactive source farms:** Points to the "Show Inactive" button, which is currently disabled.
- Add a new source farm:** Points to the "ADD NEW SOURCE FARM" button in the top right corner.
- Source farm numbers are assigned automatically:** Points to the first column of the table, which contains sequential numbers from 1 to 15.
- Active and inactive indicators:** Points to the "ACTIVE" column, which contains checkmarks for active farms and a red 'X' for inactive farms.

#	SOURCE FARM NAME	HERDCODE	ACTIVE
1	OMRO	35710694	✓
2	TDYVIEW	35450173	✓
3	ROSENDL	35204509	✓
4	CHESTER	35017000	✓
5	RESERVE	00000000	✗
6	RESERVE	00000000	✓
7	CALFSOU	00000000	✓
8	LKBREEZ	35200945	✓
9	XXXXXXX	00000000	✓
10	XXXXXXX	00000000	✓
11	JRSYLND	35150614	✓
12	XXXXXXX	00000000	✓
13	BREEZYH	00000000	✓
14	XXXXXXX	00000000	✓
15	XXXXXXX	00000000	✓

Edit Source Farms

Add Source Farms

9.12.1.9. System Settings

✓ Required Permissions

✓ Can't find this feature? Make sure it's included in your subscription!

The **System Settings** page allows you to customize general configuration options that define how your dairy uses PULSE. You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the General Settings tab.

Command Line

Preferred Keyword Language

Select the language you prefer to use for Command Line keywords such as LIST and SHOW.

English

Parlor Settings

Milk Testing Provider

Select your preferred milk testing service provider.

AgTec Analytics

Milking Frequency

The general number of times per day that animals are milked.

2

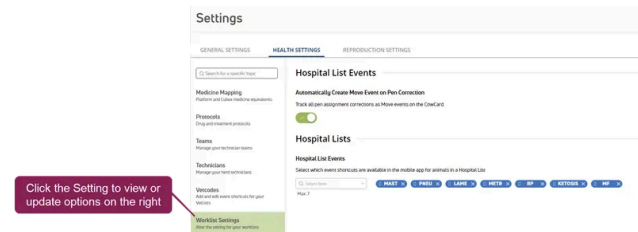
Min: 0 - Max: 4

✓ Command Line

✓ Parlor Settings

9.12.2. Health Settings

Use the **Health Settings** tab to view or adjust health-related PULSE configuration options.



NOTE: PULSE supports various Health Settings categories. Select an option to view or edit a Health Settings category.

See the topics below to learn more:

- [Medicine Mapping](#)
- [Cubex Premise & Medicine Mapping](#)
- [Protocols](#)
- [Teams](#)
- [Technicians](#)
- [Vetcodes](#)
- [Tasks & Worklist Settings](#)

9.12.2.1. Medicine Mapping

The DairyComp Medicine Mapping page only includes content for dairies with an active Cubex PULSE integration.

For new Cubex integrations, PULSE imports medicine details from Cubex and attempts to match each drug with its CowCare equivalent based on the [NADA](#) identification number. In cases where the drugs cannot be automatically matched based on the NADA, you must complete a task to "map" (i.e., associate) medicines available in CowCare to drugs available in Cubex inventory.

You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the Health Settings tab. Please note, however, that if you do not have an active Cubex PULSE integration, you will not be able to complete any actions on this page.

See [Partners](#) to learn more about Micro Technologies Cubex.

9.12.2.2. Cubex Premise & Medicine Mapping

✓ Required Setup

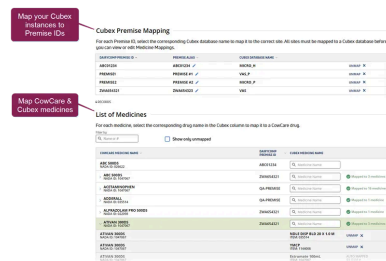
✓ Required Permissions

NOTE: The DairyComp Medicine Mapping page only includes content for dairies with an active Cubex PULSE integration.

For new Cubex integrations, PULSE imports medicine details from Cubex and attempts to match each drug with its CowCare equivalent based on the [NADA](#) identification number. In cases where the drugs cannot be automatically matched based on the NADA, you must complete a task to "map" (i.e., associate) medicines available in CowCare to drugs available in Cubex inventory.

You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the Health Settings tab.

If your dairy installs more than one Cubex instance, you must first map each Premise to a database before you can proceed to mapping medicine names.



The screenshot shows two main sections of the software interface. The top section, titled 'Cubex Premise Mapping', contains a table with columns for 'Premise Name', 'Cubex Database Name', and 'Status'. It lists several premises, some of which are highlighted in green. The bottom section, titled 'List of Medicines', contains a table with columns for 'Medicine Name', 'NADA Number', and 'Status'. It lists various medicines, some of which are highlighted in green. There are also search filters and a 'Show only unmapped' checkbox in the 'List of Medicines' section.

✓ Cubex Premise Mapping (for multi-site installations only)

✓ Medicine Mapping

✓ Related Topics

9.12.2.3. Protocols

- ✓ **Required Setup**
- ✓ **Required Permissions**
- ✓ **Can't find this feature? Make sure it's included in your subscription!**

The PULSE Protocols page lists all drug and treatment [protocols](#) that are configured for your dairy. You can view or edit your existing protocols, or add new protocols. Protocols allow dairies to take a more structured approach when recording and treating disease. You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the Health Settings tab.

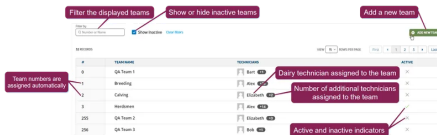
The DairyComp protocol table keeps track of protocol details, including the disease, the treatment, [pen](#) number, etc. This information is received by and displayed in the Protocols page defined below.

- ✓ **View Protocols**
- ✓ **Add Protocols**
- ✓ **Edit Protocols**

9.12.2.4. Teams

✓ Required Permissions

The Teams page allows you to view and manage groups of dairy technicians by the types of tasks they typically perform. This allows you to control the types of events each team can enter in your [Event Definitions](#). From this page you can see all of your dairy's teams, if they are active, and which technicians are assigned to each team. You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the Health Settings or Reproduction Settings tabs. Your updates will apply to the Teams list regardless of which tab you use to access it.



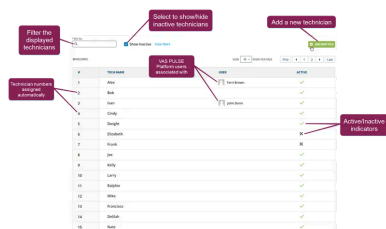
✓ Add Teams

✓ Edit Teams

9.12.2.5. Technicians

✓ Required Permissions

The Technicians page allows you to view and manage all of the technicians working with your dairy. You can quickly see who they are, if they are active, and PULSE user associated with them (if any). You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the Health Settings or Reproduction Settings tabs. Your updates will apply to the Technicians list regardless of which tab you use to access it.



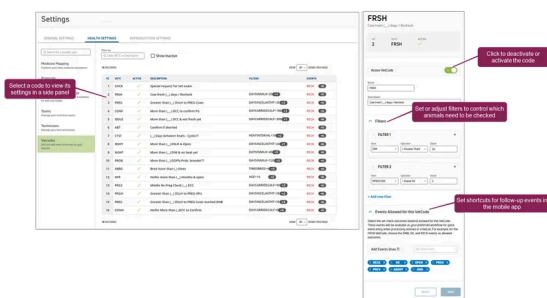
✓ Edit a Technician

9.12.2.6. Vetcodes

- ✓ **Required Permissions**
- ✓ **Click here for a video tutorial on this feature!**

PULSE uses vetcodes to determine which animals need to be vet checked. You can adjust each code's settings to control when animals are flagged for a check and added to a vet list for evaluation by your veterinarian. Each vetcode has a specific use and pre-defined settings to match industry standards and best practices. You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the Health Settings tab.

If necessary, you can adjust the settings to meet your dairy's specific needs. This page also allows you to set event shortcuts for processing vet lists in the mobile app.



Expand the sections below to learn more:

- ✓ **View Vetcode Details**
- ✓ **Edit Vetcode Settings and Event Shortcuts**
- ✓ **Standard Vetcodes**

After your vetcodes are set, you are ready to [Create a Vet List](#) and process your list from web or mobile. See [Reports/Worklists](#) or [Complete Tasks](#) to learn more about processing your vet list!

9.12.2.7. Tasks & Worklist Settings

✓ Required Permissions

The Tasks & [Worklist](#) Settings page allows you to:

- Track all [pen](#) assignment corrections as MOVE events on the CowCard.
- Configure the event shortcuts that display in the mobile app when processing hospital animals to provide your hospital team the events needed.

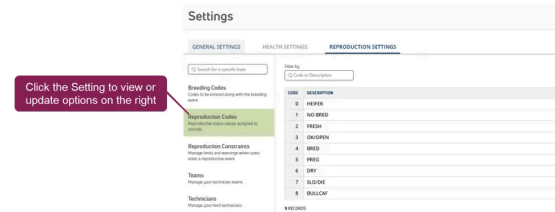
You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the Health Settings tab.

✓ Pen Correction

✓ Hospital Lists

9.12.3. Reproduction Settings

Use the **Reproduction Settings** tab to view or adjust reproduction-related PULSE configuration options.



NOTE: PULSE supports various Reproduction Settings categories. Select an option to view or edit a Reproduction Settings category.

See the topics below to learn more.

- [Breeding Codes](#)
- [Production Constraints](#)
- [Reproduction Codes](#)

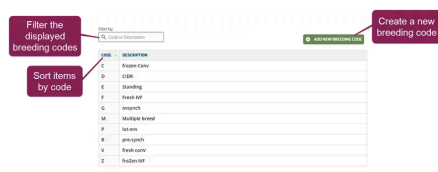
9.12.3.1. Breeding Codes

✓ Required Permissions

Breeding codes are used to describe the different types of breeding events. Whenever a breeding event is entered, the user assigns a breeding code to it. You can view all the current breeding codes from the Breeding Codes page. You can also update and add new breeding codes from this page, provided you have the right permissions.

You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the Reproduction Settings tab.

Use the sortable **Code** column to reorder the items in the list.



✓ Update Breeding Codes

✓ Add Breeding Codes

✓ Delete Breeding Codes

9.12.3.2. Reproduction Constraints

✓ Required Permissions

The settings within the Reproduction Constraints page are used to manage the limits and warnings the system uses when reproductive events are entered. The settings on this page are broken down into specific breeding and freshening categories to make them easier to understand and apply.

You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the Reproduction Settings tab.

✓ General Breeding

✓ Heifer Breeding

✓ Cow Breeding

✓ General Freshening/Calving

✓ Heifer Freshening/Calving

✓ Cow Freshening/Calving

9.12.3.3. Reproduction Codes

✓ Required Permissions

The **Reproduction Codes** page allows you to view the descriptions for the reproductive status values assigned to animals in your dairy. DC Unlimited subscribers can also edit the descriptions for the codes if they have the required permissions. You can find this feature under the [DairyComp/MyDC menu](#) > [Settings](#) option on the Reproduction Settings tab.

Filter the displayed reproduction codes

Filter by

CODE	DESCRIPTION
0	HEFER
1	DO NOT BREED
2	FRESH
3	OK/OPEN
4	BRED
5	PREG
6	DRY
7	SOLD/DIED
8	BULL/CALF

8 RECORDS

✓ Edit Reproduction Code Descriptions

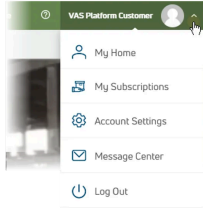
10. User Management

User Management features in PULSE allow you to manage user accounts and roles by company and dairy. Review the information below to get started.

- [Manage Your User Account](#)
 - [My Subscriptions](#)
 - [Message Center](#)
 - [Edit Your User Account](#)
- [Manage Dairy Users and Roles](#)
 - [Invite a User to Your Dairy](#)
 - [Cancel or Resend an Invite to a Dairy User](#)
 - [Accept or Decline a User Connection Request](#)
 - [Edit Dairy User Permissions](#)
 - [Remove a Dairy User](#)
 - [Manage Dairy Roles](#)
 - [Permission Descriptions](#)
 - [Default Roles and Permissions](#)
- [Manage Company Users and Roles](#)

10.1. Manage Your User Account

Your User Menu is located at the top right of PULSE. Click the drop-down arrow to view your options.

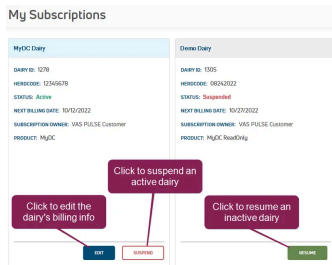


- **My Home:** Navigate to your User Account home page.
- **My Subscriptions:** Navigate to your [My Subscriptions](#) page.
- **Message Center:** Navigate to the [Message Center](#).
- **Account Settings:** Edit your PULSE user account settings. See [Edit Your User Account](#) for more details.
- **Log Out:** Log out of the Platform.

10.1.1. My Subscriptions

✓ Required Permissions

PULSE includes a **My Subscriptions** page that allows you to freely cancel and resume your dairy subscriptions at any time.



✓ Click here to learn more about your subscription details!

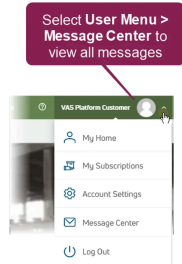
Expand the sections below to learn more:

- ✓ **View or Edit Subscriptions**
- ✓ **Suspend or Resume Subscriptions**
- ✓ **Subscription Payment Issues**

10.1.2. Message Center

PULSE includes a Message Center to serve as a communication hub and provide an easily-accessible area to view important messages from PULSE.

To view all messages, select **Message Center** from the [User Menu](#) in the top right corner of the page.



See the example and the explanations below for more information.

Message Center

View **1**

MARK AS READ **6**

All notifications **2**

Release - April 2019

See More Details 2 days ago ☒ **5**

DairyComp On-Prem Upgrades Required **3**

Please complete all upgrades by May 15, 2019. See More Details 6 days ago ☐ **4**

VAS Customer Survey Results **3**

Thanks to all who provided input and ideas for new features in our latest survey. See More Details 9 days ago ☐ **5**

FeedComp On-Prem Upgrades Required **3**

Please complete all upgrades by April 30, 2019. See More Details 12 days ago ☐ **4**

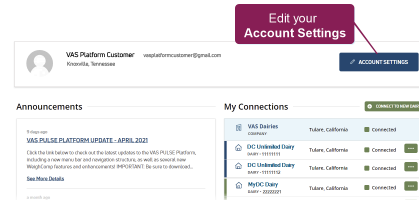
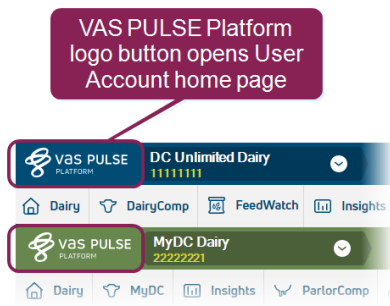
Connect Summit Information **7**

Register now for the Connect Summit, June 10-12, Beaver Creek, Colorado. The premier technology and thought leadership conference. <https://connectsummit.org/wp-content/uploads/2018/12/image1.jpg> See More Details 20 days ago ☐ **4**

- 1 View:** Use the **View** drop-down option to filter the list and display only certain types of messages.
- 2 Unread Messages:** Unread messages display with a blue background.
- 3 Message link:** Click the link to view the full message.
- 4 See more details:** Click this option to view additional information related to the message in a new browser tab.
- 5 Mark as read checkbox:** Select the checkbox for any unread messages to use the MARK AS READ option.
- 6 MARK AS READ:** Select this option to mark any checked messages as read.
- 7 Read messages:** Previously viewed messages display with a white background.

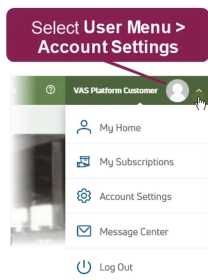
10.1.3. Edit Your User Account

If you're not already on your **Account Settings** page, click PULSE logo button in the top left corner of the window, and click the **Account Settings** button to the far right of your User Account home page.



OR

Select **Account Settings** from the [User Menu](#) in the top right corner of the page.



This opens your **Account Settings** page. Follow the guidelines below to edit your user account.

Account Settings

- 1 ACCOUNT
- 2 PASSWORD
- 3 **USER PROFILE**
- 4 ADDRESS
- 5 ALERTS

First Name *
VAS Platform 12 / 45 max

Last Name *
Customer 8 / 45 max

About Me

PROFILE SETTINGS

How you prefer to see dates in the application

- 6 Date format
Month / Day / Year
03/23/21
- Time format
☒ AM/PM 3:11 PM
☐ 24 HS 15:11 HS
- 7 Units
☒ Imperial System (Pounds, Gallons, Fahrenheit, Ounces)
☐ Metric System (Kilograms, Liters, Celcius, Milligrams)
- 8 Language
English
- 9 Am I discoverable?
No, I don't want to be visible to other users

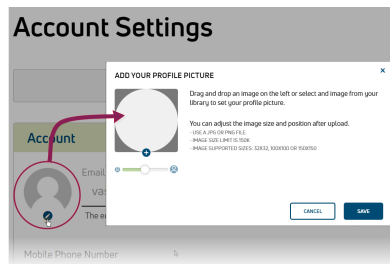
You can be contacted by other users of the application

CANCEL

SAVE

When finished,
save your changes

- 1 **Account:** Use the Account tab to add a picture and your mobile phone number to your profile. Add an account photo by uploading it directly to Platform or selecting it from a Gravatar account.



- 2 **Password:** Change your PULSE password.
- 3 **User Profile:** Adjust general account information. The options on this page are defined in #6–9 below.
- 4 **Address:** Edit your physical address, phone number, email address, and website.
- 5 **Alerts:** Set Key Performance Indicators ([KPIs](#)) for your dairy. See [How do I set KPIs and alerts?](#) to learn more!
- 6 **Date Format:** Change PULSE date and time format. The settings you select here will also be applied in the mobile app.

7 **Units:** The unit of measure you select here applies to all features in PULSE (widgets, CowCards, graphs, tables, etc.). Once you save this change, it will also be applied to the mobile app upon your next login:

- Select **Imperial System** to display units in Pounds, Gallons, Fahrenheit, and Ounces.
- Select **Metric System** to display units in Kilograms, Liters, Celsius, and Milligrams.

8 **Language:** Change the language that is displayed in PULSE. Once you change the language and save it here, it will change in the mobile app the next time you open it.

NOTE: For DairyComp Unlimited, the Platform language setting does **not** change the data fields that are pulled from on-premise DairyComp. When PULSE synchronizes data from the on-premise DairyComp, it will be displayed in PULSE the same way it was entered in the on-premise DairyComp.

9 **Am I discoverable?** Set your user account to be visible or not visible to other PULSE users. If you change this field to **No, I don't want to be visible to other users**, your name will no longer be displayed when other PULSE users search for a user.

10.2. Manage Dairy Users and Roles

✓ Required Permissions

User Management features in PULSE allow you to manage user accounts and roles by company and dairy. Dairy **User** permissions are controlled entirely through **Role** assignments. User connections at the company level differ from dairy-level connections.



This section includes instructions for managing dairy user permissions and roles. You can find this feature under the [Dairy menu](#). For instructions on how to edit your personal user account, see [Edit Your User Account](#). Or, see [Manage Company Users and Roles](#) to learn more about company user accounts and roles.

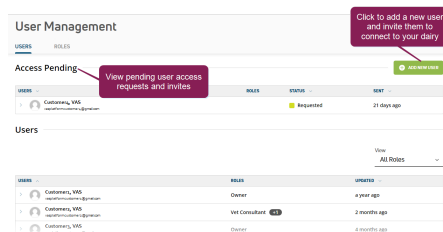
See the topics below to learn more:

- [Invite a User to Your Dairy](#)
- [Cancel or Resend an Invite to a Dairy User](#)
- [Accept or Decline a User Connection Request](#)
- [Edit Dairy User Permissions](#)
- [Remove a Dairy User](#)
- [Manage Dairy Roles](#)
- [Permission Descriptions](#)
- [Default Roles and Permissions](#)

10.2.1. Invite a User to Your Dairy

✓ Required Permissions

The User Management feature allows you to add new users and invite them to PULSE, to your company, and to your dairies. This topic explains how to add and invite users to your dairy.



You can find this feature under the Dairy menu. If you need to invite a user to your company, see [Add and Invite a New User to Your Company](#).

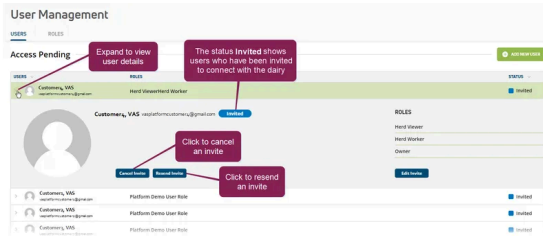
1. Click the **Add New User** button at the top right side of the **Users** tab. If you are connected to more than one dairy, be aware that new users are added and invited to the dairy currently selected.
2. Enter the user's **Email** address. If a PULSE account already exists for the email address entered, a message is displayed. Click the link in the message to preview the user account for the email address entered.
3. In the **Roles** list, check the boxes to select the roles to assign to the user's account. The roles selected control how much or how little a user can do with the data in PULSE. You can edit role assignments at any time; see [Edit Dairy User Permissions](#) for more information. Each role checked is displayed in the **Roles Assigned** list. You can click the **X** on the right side of a role to unassign it.
4. Click the **Invite User** button at the bottom right side of the page.

PULSE sends the user an invitation email, which they can then use to create a PULSE account (if they don't already have one). If they already have a PULSE account, they will be able to access your dairy once they accept your invitation.

10.2.2. Cancel or Resend an Invite to a Dairy User

✓ Required Permissions

This topic explains how to cancel or resend an invite to a dairy user.



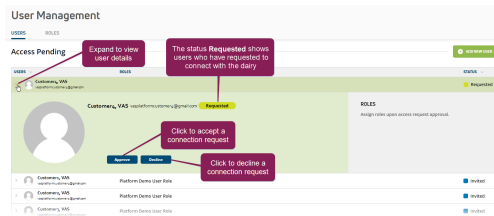
You can find this feature under the [Dairy menu](#). If you need to cancel or resend an invite to a company user, see [Cancel or Resend an Invite to a Company User](#).

1. In the **Access Pending** list on the **Users** tab, expand the details of the dairy user whose invite you want to cancel or resend.
 2. Click the **Cancel Invite** button at the bottom left side of the page to cancel the invite to the user.
- OR
- Click the **Resend Invite** button at the bottom left side of the page to resend the invite to the user.

10.2.3. Accept or Decline a User Connection Request

✓ Required Permissions

When users request to connect with your dairy, PULSE adds their request to the Dairy [User Management](#) page.



Any member of your dairy who has User Management permissions can accept or decline a connection request. You can find this feature under the [Dairy menu](#).

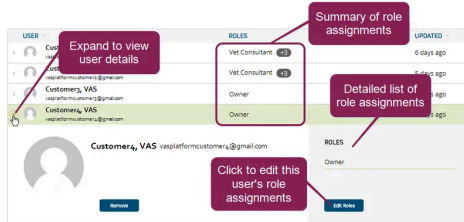
Follow the steps below to continue:

1. In the **Access Pending** list on the **Users** tab, expand the user who requested to connect with the dairy.
2. Click the **Accept** or **Decline** buttons at the bottom of the expanded row. PULSE sends the user an email to confirm that their request has either been accepted or declined. If accepted, the user can then log into PULSE and view all data for the dairy to which they are now connected.

10.2.4. Edit Dairy User Permissions

✓ Required Permissions

This topic explains how to edit the permissions assigned to a dairy user.



You can find this feature under the [Dairy menu](#). If you need to edit the permissions assigned to a company user, see [Edit Company User Permissions](#).

1. In the **Users** list on the **Users** tab, expand the details of the dairy user that you want to update.
2. Click the **Edit Roles** button at the bottom right side of the page.
3. In the **Available Roles** list, check the boxes to select additional **Roles** to assign to the user's account.
The roles selected control how much or how little a user can do with the data in PULSE. Each role checked is displayed in the **Roles Assigned** list. You can click the **X** on the right side of a role to unassign it.
4. Click the **Save** button at the bottom right side of the page.

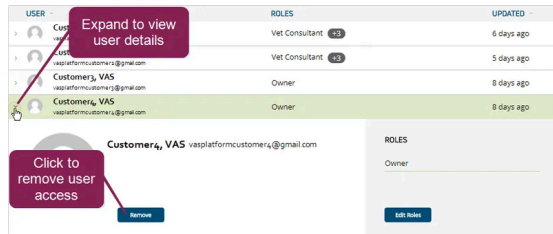
See [Manage Dairy Roles](#) for instructions on how to review and edit the permissions assigned to each dairy role.

✓ Related Topics

10.2.5. Remove a Dairy User

✓ Required Permissions

This topic explains how to remove a user from a dairy.



You can find this feature under the [Dairy menu](#). If you need to remove a user from a company, see [Remove a Company User](#).

1. In the **Users** list on the **Users** tab, expand the details of the dairy user that you want to remove.
2. Click the **Remove User** button at the bottom left side of the page.

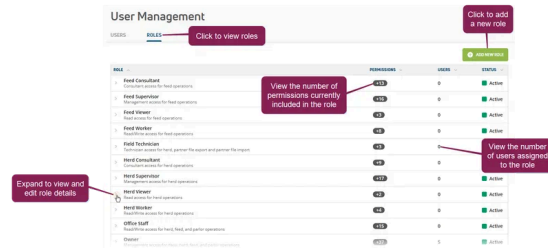
Once these steps are complete, the user's PULSE account will still be active, but the user will no longer be able to view details for the selected dairy. If you want to remove user access to more than one dairy, be sure to [switch to the other dairies](#) and repeat the steps above to remove access to those dairies as well.

NOTE: As a security measure, if only one user in a dairy is assigned PULSE User Management permissions, that user cannot be removed from the dairy and cannot leave the dairy. User Management permissions must be assigned to at least one other user account if the only user with that permission level wishes to leave the dairy. See [Edit Dairy User Permissions](#) for more information.

10.2.6. Manage Dairy Roles

✓ Required Permissions

This topic explains how to view and update dairy user roles.



You can find this feature under the [Dairy menu](#). The **Roles** tab contains the following information:

- All roles that are currently available for this dairy.
- The number of permissions that are currently assigned to each role.
- The number of users assigned to each role.
- The status of each role (active/inactive).

Dairy roles are assigned to dairy users on the **Users** tab. See [Edit Dairy User Permissions](#) for detailed instructions. If you need to view company user roles, see [View Company User Roles](#).

Follow the steps below to continue:

1. On the **Roles** tab, expand the details of a role to view or update the specific permissions that are assigned to it.

To learn more about permissions, see [Default Roles and Permissions](#) and [Permission Descriptions](#).

2. Click the **Edit** button to edit permissions for the role

OR

Click the **Disable** button to deactivate the role.

✓ Can't find this feature? Make sure it's included in your subscription!

NOTE: Be aware of [Zone](#) "write" permissions as you are editing roles. The zone write  icon is displayed for any permission level that requires zone selections. When you edit a permission level with this icon, you must also select which zones can be edited by users who are granted that permission.

3. Click the **Save** button at the bottom right side of the page

✓ Related Topics

10.2.7. Permission Descriptions

The permissions below control whether users can perform certain actions within PULSE. Please refer to this information when [managing or creating new Roles](#).

NOTE: Be aware of [Zone](#) "write" permissions as you are editing roles. The zone write  icon denotes permission levels that require zone selections. When you edit a permission level with this icon, you must also select which zones can be edited by users who are granted that permission.

- ✓ **Dairy**
- ✓ **DairyComp/MyDC**
- ✓ **Feed**
- ✓ **Parlor**
- ✓ **Related Topics**

10.2.8. Default Roles and Permissions

The charts below list the default permissions that are allowed for each PULSE role. See [Permission Descriptions](#) for a list of the user actions that each permission controls.

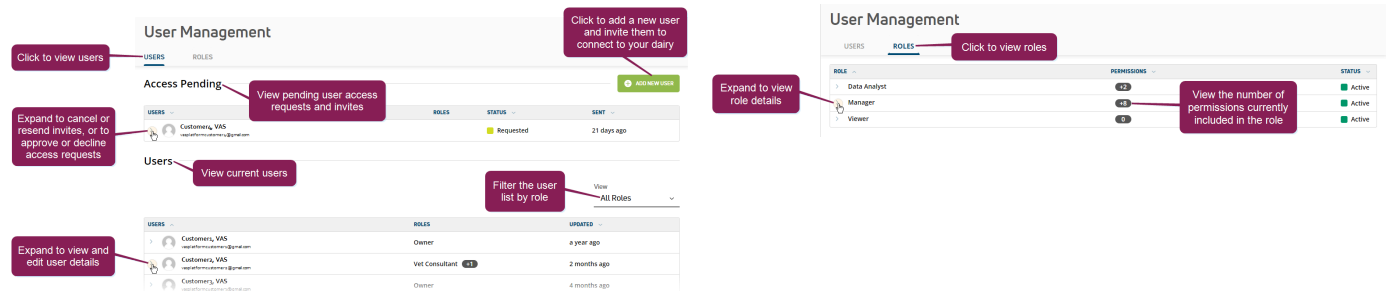
NOTE: Be aware of [Zone](#) "write" permissions as you are editing roles. The zone write  icon denotes permission levels that require zone selections. When you edit a permission level with this icon, you must also select which zones can be edited by users who are granted that permission.

- ✓ **Dairy**
- ✓ **DairyComp/MyDC**
- ✓ **Feed**
- ✓ **Parlor**
- ✓ **Related Topics**

10.3. Manage Company Users and Roles

Required Permissions

User Management features in PULSE allow you to manage user accounts and roles by company and dairy. Company **User** permissions are controlled entirely through **Role** assignments.



The left screenshot shows the 'User Management' interface with the 'USERS' tab selected. It includes sections for 'Access Pending' (with a callout to 'View pending user access requests and invites'), 'Users' (with a callout to 'View current users'), and a list of users with roles and update dates. Callouts also point to 'Click to view users', 'Click to add a new user and invite them to connect to your dairy', 'Expand to cancel or resend invites, or to approve or decline access requests', and 'Expand to view and edit user details'.

The right screenshot shows the 'User Management' interface with the 'ROLES' tab selected. It includes a table of roles with permissions and status. Callouts point to 'Click to view roles', 'Expand to view role details', and 'View the number of permissions currently included in the role'.

User connections at the company level differ from dairy-level connections. This section includes instructions for managing company user permissions and roles. For instructions on how to edit your personal user account, see [Edit Your User Account](#). Or, see [Manage Dairy Users and Roles](#) to learn more about dairy user accounts and roles.

Users cannot request access to a company like they can for a dairy. Instead, a user who is assigned the Manager Role in the company must invite other users to connect with the company. To request company Owner access, please [Contact Us](#).

Expand the sections below to learn more:

- ✓ **Add and Invite a New User to Your Company**
- ✓ **Cancel or Resend an Invite to a Company User**
- ✓ **Remove a Company User**
- ✓ **Edit Company User Permissions**
- ✓ **View Company User Roles**

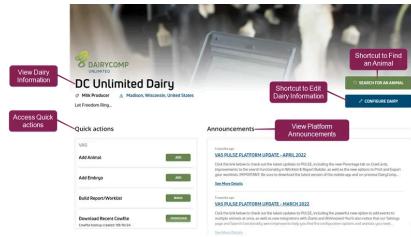
11. Manage Your Dairy and Company

PULSE provides access to tools for managing dairy profile information, configuring settings, and monitoring activity across your operation. Review the information below to get started.

- [Home \(Dairy Profile\)](#)
 - [Download Recent Cowfile \(DC Unlimited only\)](#)
 - [Export Herd Data \(MyDC in Brazil only\)](#)
- [Settings \(Dairy\)](#)
 - [Dairy Info](#)
 - [Dairy Address](#)
 - [Performance Indicators](#)
 - [Export Herd Data \(MyDC in Brazil only\)](#)
- [Change Log](#)
- [Shared Files](#)

11.1. Home (Dairy Profile)

The Dairy Profile page is the home page for the dairy you are currently viewing. It is displayed by default when you select a dairy.



You can find this feature under the [Dairy menu](#).

As shown in the example above, the Dairy Profile page provides dairy information, as well as several helpful shortcuts:

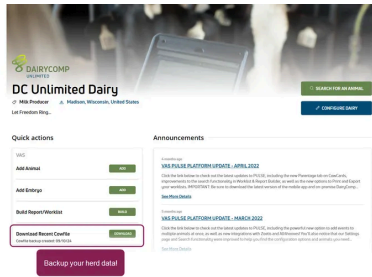
- **Dairy Information:** The middle left side of the page displays the dairy's contact information, as well as a description of the dairy's services. Users with Profile Management permissions can edit this information. See [Settings \(Dairy\)](#) to learn more.
- **Shortcuts to Common Tasks:** The right side of the Dairy Profile page provides shortcut buttons for the following:
 - [Find an Animal](#)
 - [Settings \(Dairy\)](#)
- **Quick Actions:** The Dairy Profile page includes convenient links to common herd management tasks. The Quick Actions available are based on your permission level for that dairy, and may differ from the example shown.
 - [Add Animals](#)
 - [Add Embryos](#)
 - [Report/Worklist Builder](#)
 - [Download Recent Cowfile \(DC Unlimited only\)](#)
 - [Milk Recording](#)
 - [Export Herd Data \(MyDC in Brazil only\)](#)
- **Announcements:** The Dairy Profile page displays a summary of the current PULSE Announcements. Click the links in the preview to view the full announcements.

✓ Related Topics

11.1.1. Download Recent Cowfile (DC Unlimited only)

- ✓ Required Permissions
- ✓ Can't find this feature? Make sure it's included in your subscription!
- ✓ Click here for a video tutorial on this feature!

Use the **Download Recent Cowfile** feature on your dairy's home page to download the last available cowfile cloud backup that on-premise DairyComp sent to PULSE. For more information about [DC305](#) cloud backups, see [Back DairyComp Up to the Cloud](#).

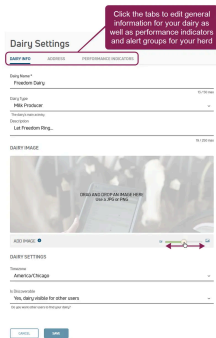


The file downloaded is saved to your downloads folder. The process is simple, quick, and allows you to download the last available cowfile backup wherever and whenever you prefer.

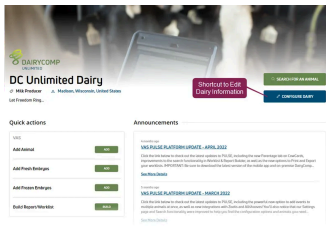
11.2. Settings (Dairy)

▼ Required Permissions

The Dairy Settings page allows you to edit your dairy information (address and contact information), performance indicators and alerts for your herd, and units of measure for your dairy.



You can find this feature under the [Dairy menu](#). You can also use the shortcut on the right side of your dairy home page.



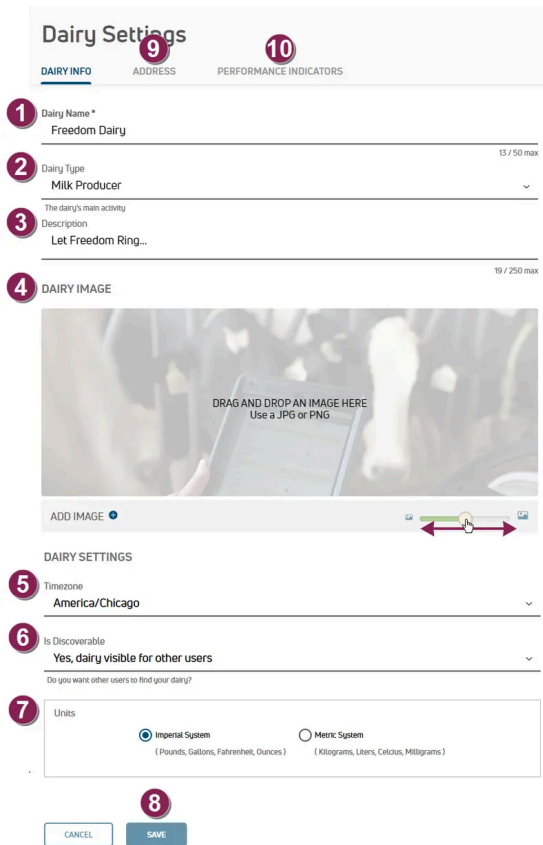
See the topics below to learn more:

- [Dairy Info](#)
- [Dairy Address](#)
- [Performance Indicators](#)

11.2.1. Dairy Info

Required Permissions

Use the **Dairy Info** page to edit general information for your dairy, such as the dairy name, dairy type, and dairy description. All required fields are marked with the * (asterisk) symbol.



The screenshot shows the 'Dairy Settings' page with three tabs: DAIRY INFO, ADDRESS, and PERFORMANCE INDICATORS. The DAIRY INFO tab is active. Numbered callouts point to the following elements:

- 1** Dairy Name*: Freedom Dairy (13 / 50 max)
- 2** Dairy Type: Milk Producer (dropdown menu)
- 3** Description: Let Freedom Ring... (19 / 250 max)
- 4** DAIRY IMAGE: A placeholder image with a 'DRAG AND DROP AN IMAGE HERE' instruction and a 'RESIZING SLIDER' below it.
- 5** Timezone: America/Chicago (dropdown menu)
- 6** Is Discoverable: Yes, dairy visible for other users (dropdown menu)
- 7** Units: Imperial System (selected) and Metric System (radio buttons)
- 8** CANCEL and SAVE buttons
- 9** and **10** are located near the top tabs.

Expand the topics below to learn more.

- 1 Dairy Name:** The name of the dairy.
- 2 Dairy Type:** The dairy type. Select Milk Producer, Calf Ranch, or Heifer Grower from the list.
- 3 Description:** A description of the dairy.
- 4 Dairy Image:** Use the **Resizing Slider** to resize the image that is displayed on the [Home \(Dairy Profile\)](#) page to the preferred size in PULSE. Drag and drop an image, or click **Add Image** to select an image.
- 5 Timezone:** The time [zone](#) where the dairy is located.

- 6 **Is Discoverable:** Select whether you want your dairy to be visible or not visible to other users. If you want to prevent users from requesting access, hide your dairy.

NOTE: When you hide your dairy, the only way new users can join is for you to invite them. See [Invite a User to Your Dairy](#) for instructions, or see [Who has access to my data?](#) for more details on hiding your dairy from PULSE searches.

- 7 **Units:** Choose the unit of measurement used by your dairy:

- Select **Imperial System** to display units in Pounds, Gallons, Fahrenheit, and Ounces.
- Select **Metric System** to display units in Kilograms, Liters, Celsius, and Milligrams.

- 8 Click **Save** to apply your changes.

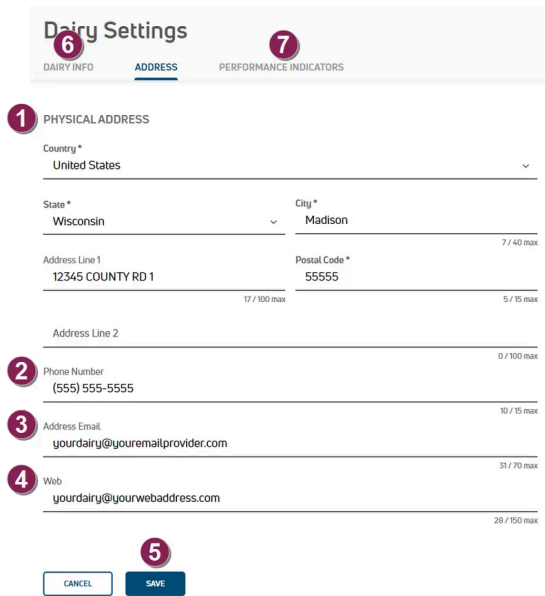
Click the **Address** tab to edit the address, phone number, email, or website for your dairy. See [Dairy Address](#) for more information.

Click the Performance Indicators tab to set alert thresholds for common health events that occur across your herd, send notifications to your dairy team when your herd exceeds those thresholds, and set the upper and lower limits used to track other [KPIs](#) across your herd. See [Performance Indicators](#) for more information.

11.2.2. Dairy Address

Required Permissions

Use the **Address** page to edit the address, phone number, email, or website for your dairy. All required fields are marked with the * (asterisk) symbol.



Expand the topics below to learn more.

1 **Physical Address:** The physical address where your dairy is located.

2 **Phone Number:** The telephone number where your dairy can be contacted.

NOTE: Your dairy's phone number and email address, as well as its herdcode(s), are only visible to users who are connected to your dairy.

3 **Address Email:** The primary email address where your dairy can be contacted.

4 **Web:** The URL address for your dairy's website.

5 Click **Save** to apply your changes.

6 Click the **Dairy Info** tab to edit general information for your dairy, such as the dairy name, dairy type, and dairy description. See [Dairy Info](#) for more information.

7 Click the **Performance Indicators Tab** to set alert thresholds for common health events that occur across your herd, send notifications to your dairy team when your herd exceeds those thresholds, and set the upper and lower limits used to track other [KPIs](#) across your herd. See [Performance Indicators](#) for more information.

11.2.3. Performance Indicators

✓ Required Permissions

Performance Indicators in PULSE allow you to set alert thresholds for common health events that occur across your herd, send notifications to your dairy team when your herd exceeds those thresholds, and set the upper and lower limits used to track other [KPIs](#) across your herd.

NOTE: PULSE does not currently support alerts and notifications for all available indicator types.

By tracking and examining health events for your herd, you can implement new strategies and protocols for avoiding or treating specific illnesses. Over time, you can lower treatment and production loss costs, and have fewer milk and beef withholds.

The Performance Indicators page contains two settings, and both must be configured before PULSE will track performance indicators and send notifications:

✓ Indicators

✓ Alert Groups

NOTE: This nightly process is specific for Performance Indicators and is unrelated to the [KPIs and Alerts](#) feature in [Account Settings](#).

See the topics below to learn more:

- [Working with Indicators](#)
- [Working with Alert Groups](#)
 - [View Alert Groups](#)
 - [Add Alert Groups](#)
 - [Edit Alert Groups](#)
 - [Delete Alert Groups](#)
- [Set Up Health Indicators and Alerts](#)
 - [Step 1: Enable & Set Up Health Indicators](#)
 - [Step 2: Enter Alert Thresholds](#)
 - [Step 3: Add Alert Groups](#)
 - [Step 4: View Scheduled Alerts in Process Scheduler](#)

11.2.3.1. Working with Indicators

Required Permissions

The Indicators page allows you to view or adjust health and reproduction indicators for the animals in your herd.

Daily Settings

DATE: 2020-03-20 TIME: 12:00

TRANSITION HEALTH EVENTS

SELECT A CATEGORY TO ADD OR REMOVE AN EVENT

Transition Health Events

EVENT NAME	START DATE	END DATE	START TIME	END TIME	LOCATION GROUP
COVID-19	2020-03-20	2020-03-20	12:00	13:00	COVID-19
COVID-19	2020-03-20	2020-03-20	12:00	13:00	COVID-19
COVID-19	2020-03-20	2020-03-20	12:00	13:00	COVID-19
COVID-19	2020-03-20	2020-03-20	12:00	13:00	COVID-19

Events by Location Group

LOCATION GROUP	EVENT NAME	START DATE	END DATE	START TIME	END TIME
COVID-19	COVID-19	2020-03-20	2020-03-20	12:00	13:00
COVID-19	COVID-19	2020-03-20	2020-03-20	12:00	13:00
COVID-19	COVID-19	2020-03-20	2020-03-20	12:00	13:00
COVID-19	COVID-19	2020-03-20	2020-03-20	12:00	13:00

Daily Settings

SETTING NAME	VALUE	UNIT
COVID-19	1.0	PERCENT
COVID-19	1.0	PERCENT
COVID-19	1.0	PERCENT
COVID-19	1.0	PERCENT

NOTE: PULSE supports various indicator types. Select an option to view or edit an indicator type.

Expand the sections below to learn more:

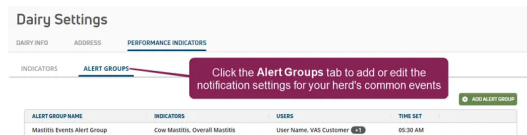
Health Indicators

✓ Reproduction Indicators

11.2.3.2. Working with Alert Groups

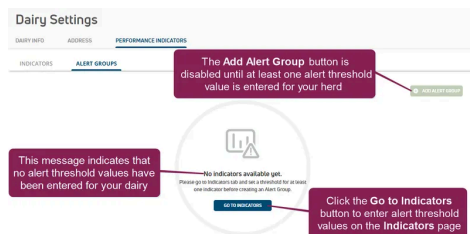
✓ Required Permissions

The **Alert Groups** page allows you to select the events you want PULSE to track and the team members you want to notify when your herd exceeds the alert thresholds.



NOTE: PULSE does not currently support alerts and notifications for all available indicator types.

You cannot add or edit alert groups until alerts and thresholds are enabled in PULSE and at least one alert threshold value is entered on the [Indicators](#) page for your herd.



See [Step 1: Enable & Set Up Health Indicators](#) and [Step 2: Enter Alert Thresholds](#) for instructions.

Once alerts and thresholds are enabled for your dairy and at least one alert threshold value is entered on the [Indicators](#) page for your herd, you can complete the following tasks on the Alert Groups page:

- Add a new alert group.
- Edit or delete an existing alert group.
- Include one or more event indicators to track across your herd in an alert group.
- Select one or more members of your dairy team to notify when a tracked event occurs.
- Select the time of day when PULSE examines thresholds for your herd and notifies your dairy team.

NOTE: PULSE sends notifications for alert groups only by text or email. Alert group notifications are not added to the [Message Center](#) or to the [Notifications button](#) as a new activity badge.

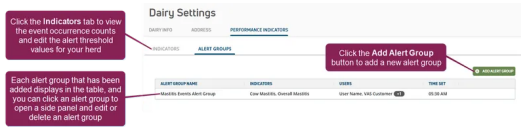
See the topics below to learn more:

- [View Alert Groups](#)
- [Add Alert Groups](#)
- [Edit Alert Groups](#)
- [Delete Alert Groups](#)

11.2.3.2.1. View Alert Groups

✓ Required Permissions

The [Alert Groups](#) page lists all alert groups added to PULSE for your dairy.



See the topics below to learn more:

- Click the Indicators tab to view or adjust health and reproduction indicators for the animals in your herd. See [Working with Indicators](#) for more information.
- Click the **Add Alert Group** button to open a side panel and add a new alert group for your dairy. See [Add Alert Groups](#) for instructions.
- **Alert Group Name:** The name of the alert group.
- **Indicators:** The event indicators being tracked across your herd by the alert group.
- **Users:** The users being notified by the alert group.
- **Time Set:** The time of day when PULSE examines thresholds for your herd and notifies your dairy team.
- Click an alert group in the table to open a side panel and edit or delete an existing alert group for your herd. See [Edit Alert Groups](#) and [Delete Alert Groups](#) for instructions.

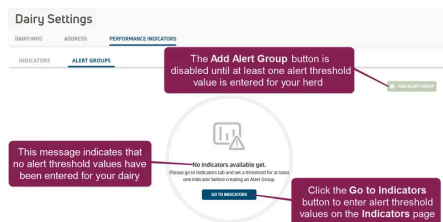
11.2.3.2.2. Add Alert Groups

✓ Required Permissions

Click the **Add Alert Group** button on the [Alert Groups](#) page to open a side panel and add a new alert group for your dairy.

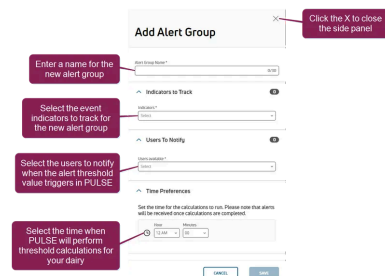


You cannot add or edit alert groups until alerts and thresholds are enabled in PULSE and at least one alert threshold value is entered on the [Indicators](#) page for your herd.

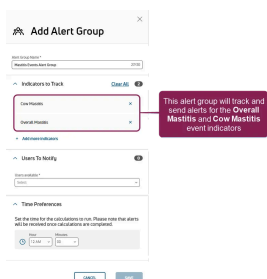


See [Step 1: Enable & Set Up Health Indicators](#) and [Step 2: Enter Alert Thresholds](#) for instructions.

See the guidelines below to learn more about adding alert group details.



- All required fields are marked with the * (asterisk) symbol.
- The **Indicators to Track** section allows you to include one or more event indicators to track across your herd for the new alert group. The total number of event indicators being tracked by the alert group displays at the top right of this section once one or more event indicators have been added.



You can click the **X** next to an event indicator to remove it, or click **Clear All** to stop tracking all event indicators in the alert group. Click **Add more indicators** to track additional event indicators in this alert group.

- The **Users to Notify** section allows you to select one or more members of your dairy team to notify when a tracked event occurs. Once one or more users are added, the total number of users receiving notifications displays at the top right of this section.



NOTE: PULSE sends notifications for alert groups only by text or email. Alert group notifications are not added to the [Message Center](#) or to the [Notifications button](#) as a new activity badge.

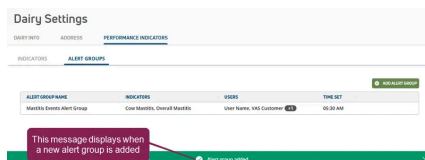
Check the **SMS** and **Email** boxes to send notifications to users as text messages, emails, or both. You can click the **X** next to a user's name to remove them, or click **Clear All** to stop all users from receiving notifications for the alert group. Click **Add more users** to notify more users in this alert group.

NOTE: The **SMS** box cannot be checked for a user who does not have a mobile phone number listed in account settings. Additionally, PULSE cannot send SMS alerts to international phone numbers at this time, but they can still receive email alerts!

- The **Time Preferences** section shows the time of day when PULSE examines thresholds for your herd and notifies your dairy team. The time specified is in your local dairy's time [zone](#). Select the preferred time of day in the **Hour** and **Minutes** fields.

NOTE: The time specified here combines with the period selected when setting up indicators on [Indicators](#) page, and these settings determine how often PULSE examines thresholds and notifies your dairy team. At the time specified, PULSE examines the thresholds for your dairy first and then alerts your dairy team after processing completes. Depending on the size of your dairy and the number of event indicators being tracked by this alert group, alerts may not be sent or received exactly at the time specified.

- Once you've added the information, click **Save**. The [Alert Groups](#) page is displayed and PULSE displays a message indicating that your new alert group was added.



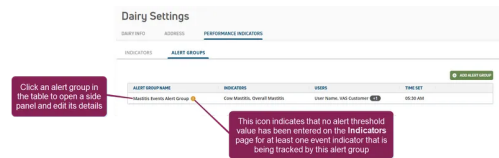
Alert Group Name	Indicators	Users	Time Set
Health Events Alert Group	Cow Health, Overall Health	John Smith, Jane Customer	10:00 AM

This message displays when a new alert group is added.

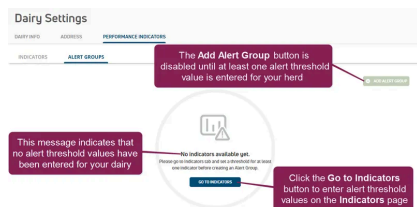
11.2.3.2.3. Edit Alert Groups

Required Permissions

On the [Alert Groups](#) page, you can easily edit the details for an alert group by clicking on an alert group to open a side panel that displays the alert group details you can change.

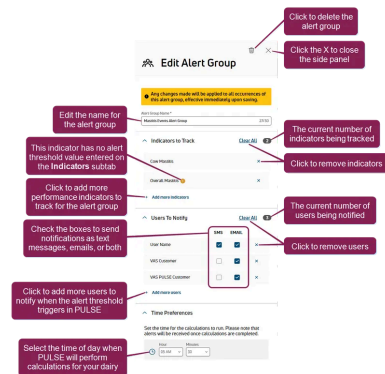


You cannot add or edit alert groups until alerts and thresholds are enabled in PULSE and at least one alert threshold value is entered on the [Indicators](#) page for your herd.



See [Step 1: Enable & Set Up Health Indicators](#) and [Step 2: Enter Alert Thresholds](#) for instructions.

See the guidelines below to learn more about editing alert group details.



- All required fields are marked with the * (asterisk) symbol.
- Click the delete button  in the upper right corner of the side panel to delete the alert group. See [Delete Alert Groups](#) for instructions.
- The **Indicators to Track** section shows all event indicators that are currently being tracked by this alert group. The total number of event indicators being tracked by the alert group displays at the top right of this section.
You can click the **X** next to an event indicator to remove it, or click **Clear All** to stop tracking all event indicators in the alert group. Click **Add more indicators** to track additional event indicators in this alert group.
- The **Users to Notify** section shows all members of your dairy team that are currently being notified by this alert group. The total number of users receiving notifications displays at the top right of this section.

NOTE: PULSE sends notifications for alert groups only by text or email. Alert group notifications are not added to the [Message Center](#) or to the [Notifications button](#) as a new activity badge.

Check the **SMS** and **Email** boxes to send notifications to users as text messages, emails, or both. You can click the **X** next to a user's name to remove them, or click **Clear All** to stop all users from receiving notifications for the alert group. Click **Add more users** to notify more users in this alert group.

NOTE: The **SMS** box cannot be checked for a user who does not have a mobile phone number listed in account settings. Additionally, PULSE cannot send SMS alerts to international phone numbers at this time, but they can still receive email alerts!

- The **Time Preferences** section shows the time of day when PULSE examines thresholds for your herd and notifies your dairy team. The time specified is in your local dairy's time [zone](#). Select the preferred time of day in the **Hour** and **Minutes** fields.

NOTE: The time specified in this section and the period selected when configuring indicators on the [Indicators](#) page determine how often PULSE examines thresholds and sends notifications. The results of these selections can be viewed as new processes on the [Process Scheduler](#) page for your dairy. See [Step 4: View Scheduled Alerts in Process Scheduler](#) for more information.

- Once you're done editing the information, click **Save**. The [Alert Groups](#) page is displayed and PULSE displays a message indicating that the alert group was edited.

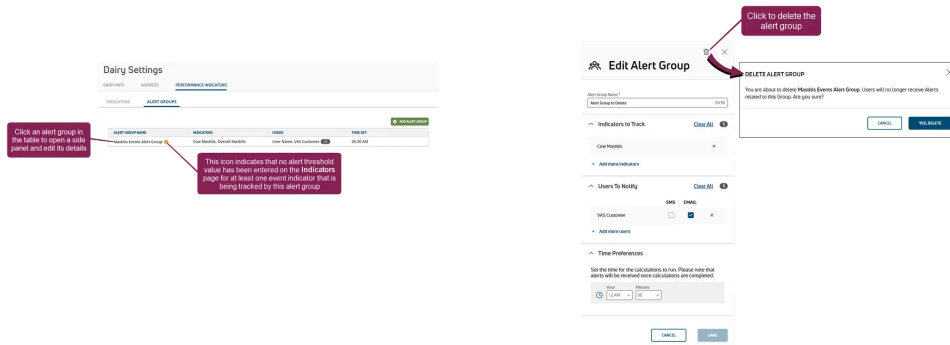


NOTE: Any changes made to an alert group affect all scheduled occurrences of the alert group.

11.2.3.2.4. Delete Alert Groups

Required Permissions

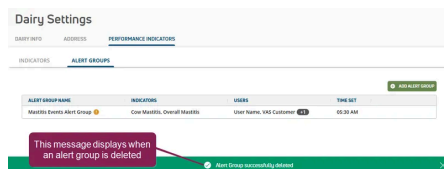
On the [Alert Groups](#) page, you can easily delete an alert group by clicking on an alert group to open a side panel that displays the alert group details.



Click the delete button  in the upper right corner of the side panel, and then click the **Yes, Delete** button in the pop-up confirmation window to complete the deletion.

NOTE: Any changes made to an alert group affect all scheduled occurrences of the alert group.

The [Alert Groups](#) page is displayed and PULSE displays a message indicating that the alert group was deleted.



11.2.3.3. Set Up Health Indicators and Alerts

✓ Required Permissions

Dairies using Performance Indicators for the first time need to set a few things up before PULSE will examine thresholds and send alerts to your team.

NOTE: PULSE does not currently support alerts and notifications for all available indicator types. Use the following instructions to set up Health Indicators, but note that the steps may differ for other indicator types.

This procedure guides you through the main steps for enabling alerts and thresholds so that PULSE will alert your dairy team when specific events occur across your herd. While these instructions use indicators and alerts specifically for [mastitis](#) events as examples, you can follow the same steps to set up any other event indicators or alerts to meet your dairy's needs.

See the topics below to learn more:

- [Step 1: Enable & Set Up Health Indicators](#)
 - [Indicators Configuration Details](#)
- [Step 2: Enter Alert Thresholds](#)
- [Step 3: Add Alert Groups](#)
- [Step 4: View Scheduled Alerts in Process Scheduler](#)

11.2.3.3.1. Step 1: Enable & Set Up Health Indicators

Required Permissions

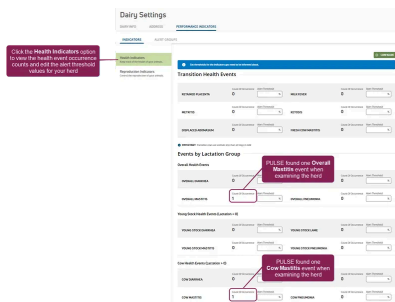
PULSE automatically processes key performance indicators (KPIs) for the animals across your herd around midnight each night.

This nightly process is specific for Performance Indicators and is unrelated to the [KPIs and Alerts](#) feature in [Account Settings](#).

PULSE does not currently support alerts and notifications for all available indicator types. Use the following instructions to set up Health Indicators, but note that the steps may differ for other indicator types.

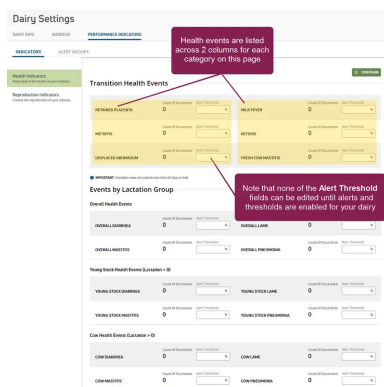
Follow the steps below to enable and set up indicators for your dairy. These instructions assume that you are starting with a dairy that does not already have alerts and indicators set up in PULSE:

1. Begin by selecting **Dairy > Settings** from the PULSE menu.
2. Click the **Performance Indicators** tab, and make sure the **Indicators** tab and the **Health Indicators** option are selected.
When the [Indicators](#) page is displayed, PULSE examines your herd and updates the **Count of Occurrence** fields for each event found across your herd.

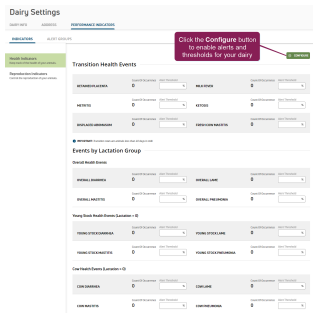
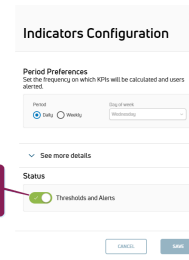


In the example above, PULSE found one **Overall Mastitis** event and one **Cow Mastitis** event while examining the herd. You can track these events by setting an alert threshold value for each event.

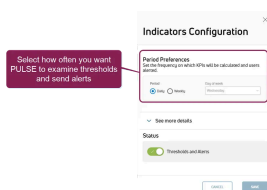
Since alerts and thresholds have never been enabled for this dairy, note that the **Alert Threshold** fields are disabled.



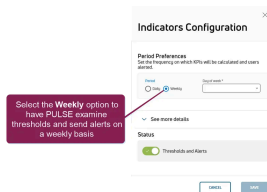
3. Enable, or turn on, alerts and thresholds for your dairy by clicking the **Configure** button, and then in the side panel, toggle the **Status** control for **Indicators and Alerts** to "on" (green).

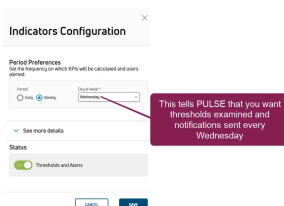
4. While still in the side panel, use the **Period Preferences** area to select how often you want PULSE to examine thresholds for your herd and send notifications to your team. Note that the **Daily** option is automatically selected for you. This tells PULSE that you want to examine thresholds and send alerts on a daily basis.



If you prefer PULSE to examine thresholds and send alerts on a weekly basis, select the **Weekly** option.

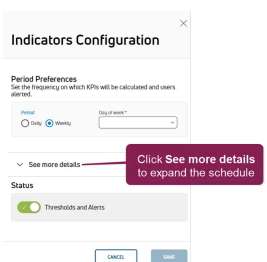


When the **Weekly** option is selected, you must select a **Day of week** to receive alerts. For instance, if you select **Wednesday** in the list, PULSE examines thresholds and sends alerts every Wednesday.



If you decide that alerting your dairy team once a week doesn't meet your specific needs, don't worry! You can always return to this side panel later and select the **Daily** option to examine thresholds and send alerts on a daily basis.

5. Now that you've specified how often you want PULSE to examine thresholds for your herd and send notifications to your team, you can click **See more details** in the side panel to view the current threshold and alert schedule.



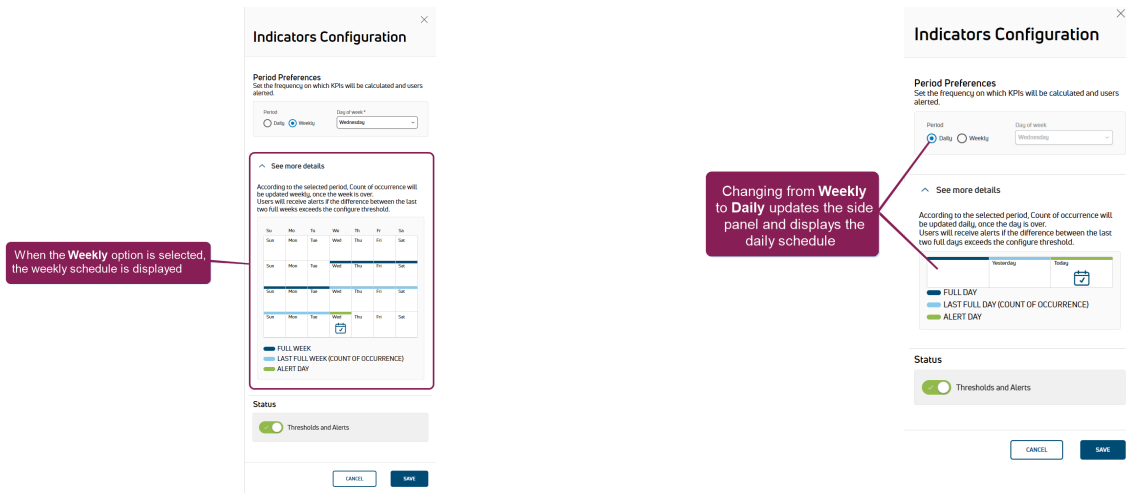
See [Indicators Configuration Details](#) for more information about the threshold and alert schedule.

6. Click the **Save** button. PULSE displays a message indicating that your changes have been saved.

Proceed to [Step 2: Enter Alert Thresholds](#) to continue.

11.2.3.3.1.1. Indicators Configuration Details

If the **Weekly** option is selected in the **Period Preferences** area, the weekly schedule is displayed in the side panel. If the **Daily** option is selected, the side panel shows the daily schedule instead.



When the **Weekly** option is selected, the weekly schedule is displayed

Changing from **Weekly** to **Daily** updates the side panel and displays the daily schedule

While the daily schedule shows only three days instead of four weeks, the color coding is essentially the same as the weekly schedule.

Periods on the schedule are color-coded as follows:

- Dark blue shows the prior period that PULSE uses to determine thresholds for your herd.
- Light blue shows the period when PULSE last examined thresholds and sent alerts.
- Green shows the next day when PULSE will examine thresholds and send alerts.

For the weekly schedule, this means that PULSE examines thresholds and sends alerts on the day of the week you selected. In the example above, Wednesday (the day highlighted in green) is the one selected. If your herd exceeds an alert threshold value from the previous two periods (the previous week in dark blue and the last week in light blue), PULSE notifies your team on that Wednesday.

In the daily schedule, yesterday's date is highlighted in light blue, and this shows you the day when PULSE last examined thresholds and sent alerts. The previous day that PULSE uses to determine thresholds for your herd is highlighted in dark blue, and **today's** date is highlighted in green.

This means that PULSE examines thresholds today using the data from yesterday and the day before yesterday as a base. When the threshold examined today exceeds the alert threshold value entered for the threshold examined from the previous two days, PULSE notifies your dairy team.

11.2.3.3.2. Step 2: Enter Alert Thresholds

Required Permissions

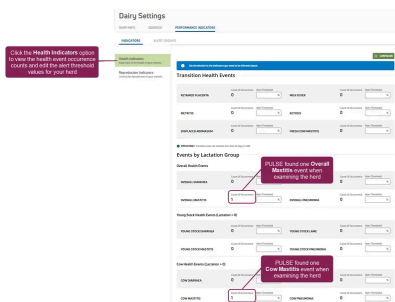
Follow the steps below to enter alert threshold values for event indicators so that PULSE will send notifications to your dairy team.

PULSE does not currently support alerts and notifications for all available indicator types. Use the following instructions to set up Health Indicators, but note that the steps may differ for other indicator types.

These instructions assume that you completed [Step 1: Enable & Set Up Health Indicators](#) and already enabled alerts and indicators in PULSE:

1. Begin by making sure the Indicators tab and the Health Indicators option are selected on the [Performance Indicators](#) page (see example below).

In this example, PULSE analyzed the herd and updated the **Count of Occurrence** fields on the [Indicators](#) page for each event found across the herd.

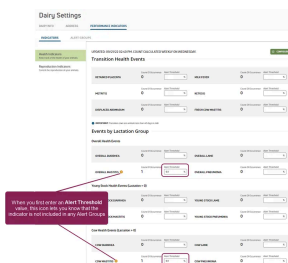


You can track any of these events by setting an alert threshold value.

2. Enter alert threshold values for each event that you want to track in the **Alert Threshold** fields. **Alert Threshold** fields allow whole numbers or decimal places. 0.1% is the smallest value that can be entered, and 100% is the max.

NOTE: Changes made in a field on this page are automatically saved when clicking or tabbing into another field or navigating to a different page.

The first time you enter a value in an **Alert Threshold** field, PULSE displays an icon indicating that the event is not currently being tracked by an alert group.



For example, if you enter "0.1" in the **Alert Threshold** field for the **Overall Mastitis** and **Cow Mastitis** events, this tells PULSE to notify your team when there's a 0.1% change in **Overall Mastitis** events or when specific **Cow Mastitis** events occur in your herd. As shown above, PULSE displays an icon to let you know that the overall mastitis event indicator is not included in any alert groups.

Depending on the size of your herd, a value of 0.1% may be insignificant to your dairy operations. For example, you may want members of your dairy team to be alerted when 10% or 20% of the animals in your herd experience a change in **Overall Mastitis** events. But, don't worry! You can update the alert threshold value to a percentage that meets your dairy's needs at any time.

NOTE: The alert threshold values entered on the [Indicators](#) page in Dairy Settings are different from the **Threshold (%)** values entered when configuring events. See [Edit Event Definitions](#) for more information.

Once the indicators are included in at least alert group on the [Alert Groups](#) page, the icons in the example above are no longer displayed.

3. Before PULSE will send notifications to your dairy team, you need to add an alert group.

Proceed to [Step 3: Add Alert Groups](#) to continue.

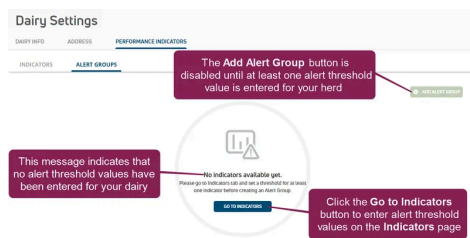
11.2.3.3.3. Step 3: Add Alert Groups

Required Permissions

These instructions continue where [Step 2: Enter Alert Thresholds](#) ends and show you how to select the events you want PULSE to track and the team members you want to notify when your herd exceeds the alert thresholds.

PULSE does not currently support alerts and notifications for all available indicator types.

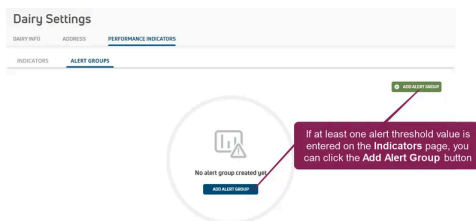
You cannot add or edit alert groups until alerts and thresholds are enabled in PULSE and at least one alert threshold value is entered on the [Indicators](#) page for your herd.



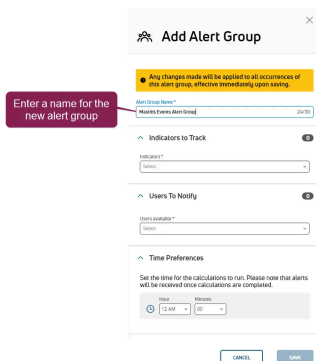
See [Step 1: Enable & Set Up Health Indicators](#) and [Step 2: Enter Alert Thresholds](#) for instructions.

Follow the steps below to continue:

1. Select the Alert Groups tab on the [Performance Indicators](#) page.
2. To add a new alert group for your dairy, click the **Add Alert Group** button. PULSE opens a side panel where you can configure the alert group.

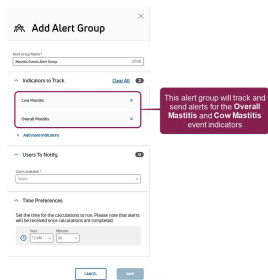


3. Enter an **Alert Group Name** for the alert group. For example, since we entered an alert threshold value for the Overall [Mastitis](#) and Cow Mastitis events in [Step 2: Enter Alert Thresholds](#), we'll enter an alert group name of "Mastitis Events Alert Group" here.



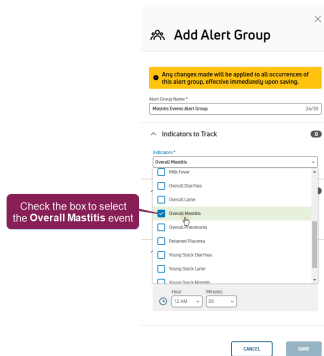
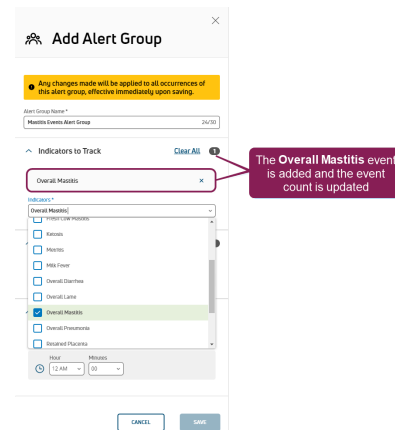
4. While still in the side panel, use the **Indicators to Track** area to include one or more event indicators to track across your herd for this alert group.

Continuing with our example from [Step 2: Enter Alert Thresholds](#), we'll add **Overall Mastitis** and **Cow Mastitis** as the event indicators we want this alert group to track.

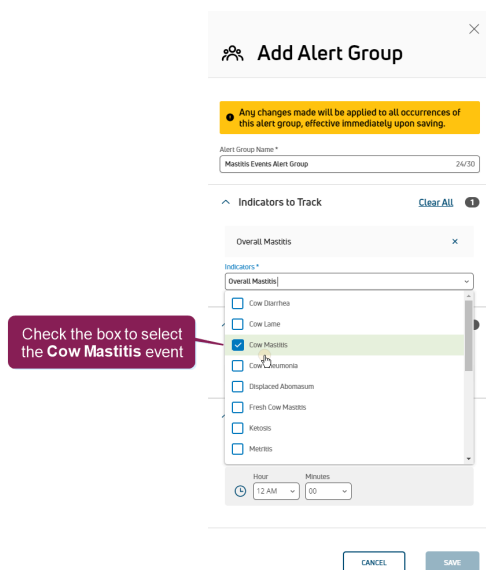
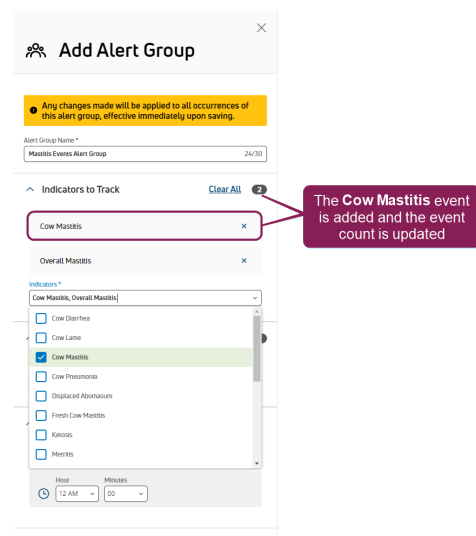


Check out some pointers on adding event indicators to this alert group:

Check the box to select the **Overall Mastitis** event indicator. This adds the event to the **Indicators to Track** area and updates the total count of events being tracked.

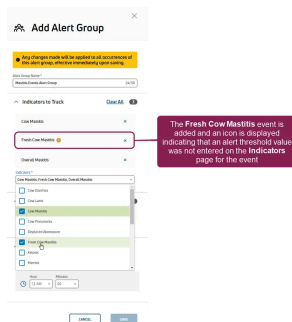



Check the box to select the **Cow Mastitis** event indicator. This adds the event to the **Indicators to Track** area and updates the total count of events being tracked.

If you add an event indicator to an alert group, and the indicator does not have an alert threshold value, PULSE will still allow you to add it to the alert group, but it will notify you that there is no alert threshold value for it.

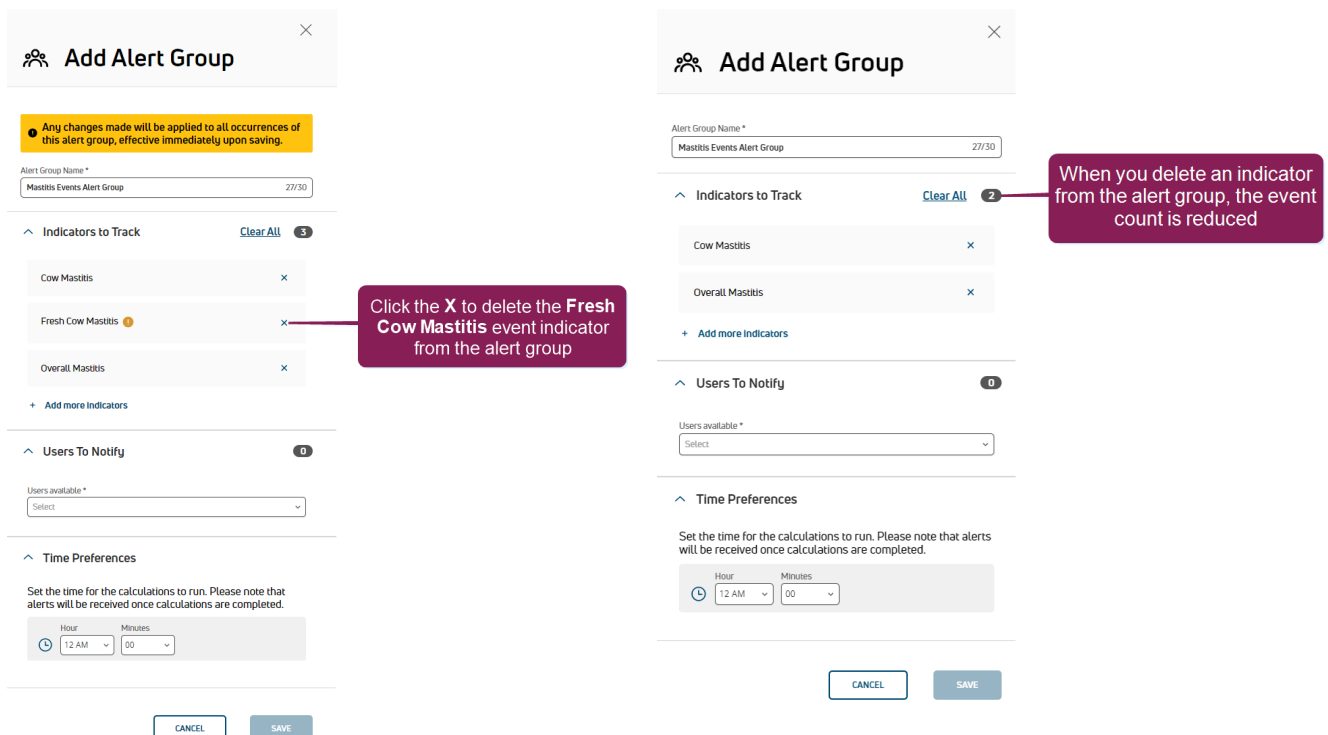
For example, since we didn't add an alert threshold value for the fresh cow mastitis event in [Step 2: Enter Alert Thresholds](#), check the box to select the **Fresh Cow Mastitis** event indicator. This adds the event to the **Indicators to Track** area and updates the total count of events being tracked. In addition, an icon displays next to the event, which lets you know that an alert threshold value has not been entered on the [Indicators](#) page for the event.



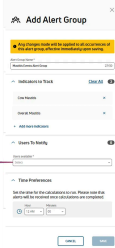
This means that PULSE won't track or send alerts for this event indicator until you enter an alert threshold value for the event on the [Indicators](#) page.

You can leave the **Fresh Cow Mastitis** event in the alert group, save the alert group, return to the [Indicators](#) page, and enter an alert threshold value for it. This makes the icon go away and PULSE will begin tracking and sending alerts for it.

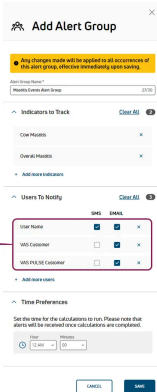
For this example, let's click the **X** on the **Fresh Cow Mastitis** event to delete it from the alert group. The event is removed from the **Indicators to Track** area and the total count of events being tracked is reduced.



5. Now let's select which members of your dairy team PULSE will alert for these mastitis events. You can do this in the **Users to Notify** area of the side panel.



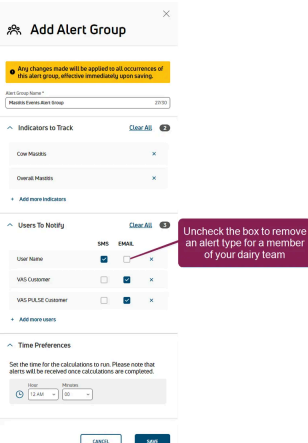
Multiple members of your dairy team can be added to the to the **Users to Notify** area for an alert group. Generic user names were added in this example, but you can select your name and/or the name of any member of your dairy team.



If a member of your dairy team has both a mobile phone number and an email address recorded in their user account, both the **SMS** and **Email** boxes are automatically checked as the default when the user is selected.

NOTE: The **SMS** box cannot be checked for a user who does not have a mobile phone number listed in account settings. Additionally, PULSE cannot send SMS alerts to international phone numbers at this time, but they can still receive email alerts!

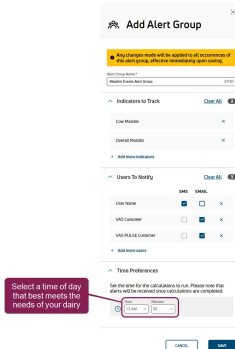
If a member of your dairy team prefers to be alerted only by text message, you can uncheck the **Email** box.



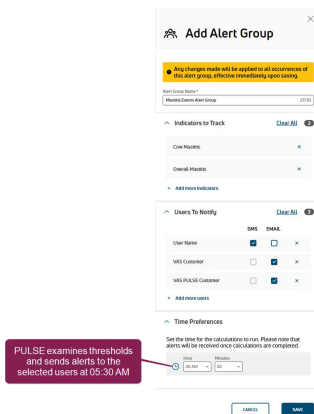
NOTE: PULSE sends notifications for alert groups only by text or email. Alert group notifications are not added to the [Message Center](#) or to the [Notifications button](#) as a new activity badge.

Now that you've told PULSE who you want to alert and how to notify them, the last thing you need to do is tell PULSE what time of day to examine thresholds and send alerts to your dairy team.

- While still in the side panel, use the **Time Preferences** area to select the time of day when PULSE examines thresholds for your herd and notifies your dairy team.



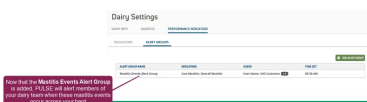
The time specified is in your local dairy's time zone. 12:00 AM is the default selection, but you can select a time of day that best meets your dairy's needs. In this example, 05:30 AM is selected.



NOTE: The time specified here combines with the period selected in the **Period Preferences** area in [Step 1: Enable & Set Up Health Indicators](#), and these settings determine how often PULSE examines thresholds and notifies your dairy team. At the time specified, PULSE examines the thresholds for your dairy first and then alerts your dairy team after processing completes. Depending on the size of your dairy and the number of event indicators being tracked by this alert group, alerts may not be sent or received exactly at the time specified.

That's all there is to adding a new alert group in PULSE, but don't forget to save your changes!

- Click the **Save** button. PULSE returns you to the Alert Groups page and confirms that your changes have been saved.



Now that you've successfully created an alert group that will notify your dairy team when an event occurs across your herd, let's take a look at how these changes are displayed on the [Process Scheduler](#) page in PULSE. Proceed to [Step 4: View Scheduled Alerts in Process Scheduler](#) to continue.

11.2.3.3.4. Step 4: View Scheduled Alerts in Process Scheduler

Follow the steps below to continue:

1. Begin by selecting **Dairy** > **Process Scheduler** from the PULSE menu.
2. Click on a date in the Process Scheduler calendar to open a side panel that displays the date's scheduled processes:



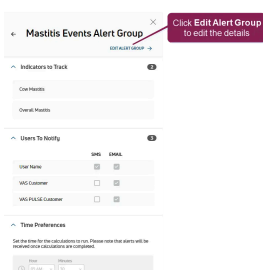
3. Click a process to view its details.

This example illustrates details for the **Mastitis Events Alert Group** process that we created as an example in [Step 3: Add Alert Groups](#).



The details note which indicators PULSE is tracking for this alert group, which users will be notified if your herd exceeds the thresholds, and the time of day that notifications will be sent.

4. Click **Edit Alert Group** to edit the details if necessary.



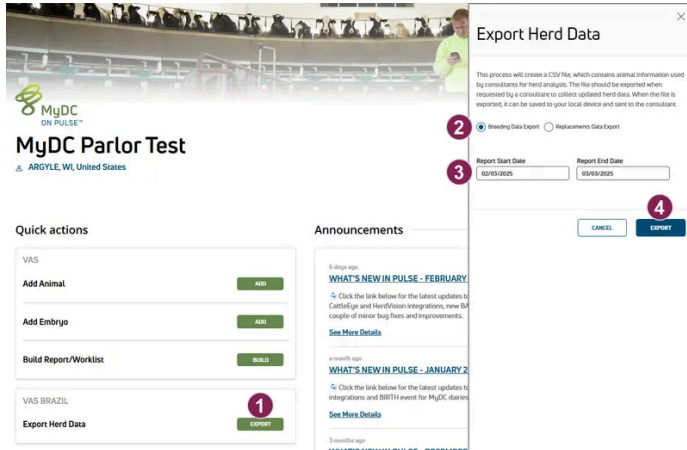
✓ Learn more about editing alert group details

✓ Related Topics

11.2.4. Export Herd Data (MyDC in Brazil only)

✓ Can't find this feature? Make sure it's included in your subscription!

Use the **Export Herd Data** feature on your dairy's home page to easily create and export detailed herd data reports.



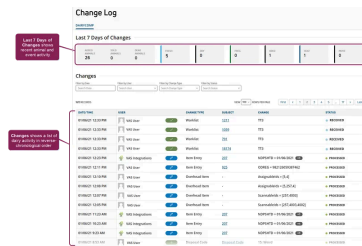
Follow the steps below to export a herd data report.

- 1 Click **Export** at the bottom left side of the page to open the Export Herd Data side panel.
- 2 Select the report you want to download: select **Breeding Data Export** to download a report that lists all animals in the selected breeding event date range, or select **Replacements Data Export** to download a report that lists all live and archived animals that have a birth date in the selected breeding event date range.
- 3 Select the start date and end date for your report.
- 4 Click **Export** at the bottom right side of the side panel to create and download the report.

11.3. Change Log

✓ Required Permissions

The Change Log provides an easy to use summary and historical list of animal activity and data changes made within the dairy. The top of the Change Log shows a breakdown of animal activity and events for the past 7 days, while beneath that is a list of all major data changes that have occurred for the dairy. You can find this feature under the [Dairy menu](#).



Change Log

Last 7 Days of Changes

Day	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Events	10	12	15	18	20	22	25

Changes

Animal	Event	Value	Unit	Time	Location	Notes
Animal 1	Weight	100	kg	10/01/2025	10:00	
Animal 2	Weight	120	kg	10/01/2025	11:00	
Animal 3	Weight	110	kg	10/01/2025	12:00	
Animal 4	Weight	130	kg	10/01/2025	13:00	
Animal 5	Weight	140	kg	10/01/2025	14:00	
Animal 6	Weight	150	kg	10/01/2025	15:00	
Animal 7	Weight	160	kg	10/01/2025	16:00	
Animal 8	Weight	170	kg	10/01/2025	17:00	
Animal 9	Weight	180	kg	10/01/2025	18:00	
Animal 10	Weight	190	kg	10/01/2025	19:00	
Animal 11	Weight	200	kg	10/01/2025	20:00	
Animal 12	Weight	210	kg	10/01/2025	21:00	
Animal 13	Weight	220	kg	10/01/2025	22:00	
Animal 14	Weight	230	kg	10/01/2025	23:00	
Animal 15	Weight	240	kg	10/01/2025	00:00	
Animal 16	Weight	250	kg	10/01/2025	01:00	
Animal 17	Weight	260	kg	10/01/2025	02:00	
Animal 18	Weight	270	kg	10/01/2025	03:00	
Animal 19	Weight	280	kg	10/01/2025	04:00	
Animal 20	Weight	290	kg	10/01/2025	05:00	
Animal 21	Weight	300	kg	10/01/2025	06:00	
Animal 22	Weight	310	kg	10/01/2025	07:00	
Animal 23	Weight	320	kg	10/01/2025	08:00	
Animal 24	Weight	330	kg	10/01/2025	09:00	
Animal 25	Weight	340	kg	10/01/2025	10:00	
Animal 26	Weight	350	kg	10/01/2025	11:00	
Animal 27	Weight	360	kg	10/01/2025	12:00	
Animal 28	Weight	370	kg	10/01/2025	13:00	
Animal 29	Weight	380	kg	10/01/2025	14:00	
Animal 30	Weight	390	kg	10/01/2025	15:00	
Animal 31	Weight	400	kg	10/01/2025	16:00	
Animal 32	Weight	410	kg	10/01/2025	17:00	
Animal 33	Weight	420	kg	10/01/2025	18:00	
Animal 34	Weight	430	kg	10/01/2025	19:00	
Animal 35	Weight	440	kg	10/01/2025	20:00	
Animal 36	Weight	450	kg	10/01/2025	21:00	
Animal 37	Weight	460	kg	10/01/2025	22:00	
Animal 38	Weight	470	kg	10/01/2025	23:00	
Animal 39	Weight	480	kg	10/01/2025	00:00	
Animal 40	Weight	490	kg	10/01/2025	01:00	
Animal 41	Weight	500	kg	10/01/2025	02:00	
Animal 42	Weight	510	kg	10/01/2025	03:00	
Animal 43	Weight	520	kg	10/01/2025	04:00	
Animal 44	Weight	530	kg	10/01/2025	05:00	
Animal 45	Weight	540	kg	10/01/2025	06:00	
Animal 46	Weight	550	kg	10/01/2025	07:00	
Animal 47	Weight	560	kg	10/01/2025	08:00	
Animal 48	Weight	570	kg	10/01/2025	09:00	
Animal 49	Weight	580	kg	10/01/2025	10:00	
Animal 50	Weight	590	kg	10/01/2025	11:00	
Animal 51	Weight	600	kg	10/01/2025	12:00	
Animal 52	Weight	610	kg	10/01/2025	13:00	
Animal 53	Weight	620	kg	10/01/2025	14:00	
Animal 54	Weight	630	kg	10/01/2025	15:00	
Animal 55	Weight	640	kg	10/01/2025	16:00	
Animal 56	Weight	650	kg	10/01/2025	17:00	
Animal 57	Weight	660	kg	10/01/2025	18:00	
Animal 58	Weight	670	kg	10/01/2025	19:00	
Animal 59	Weight	680	kg	10/01/2025	20:00	
Animal 60	Weight	690	kg	10/01/2025	21:00	
Animal 61	Weight	700	kg	10/01/2025	22:00	
Animal 62	Weight	710	kg	10/01/2025	23:00	
Animal 63	Weight	720	kg	10/01/2025	00:00	
Animal 64	Weight	730	kg	10/01/2025	01:00	
Animal 65	Weight	740	kg	10/01/2025	02:00	
Animal 66	Weight	750	kg	10/01/2025	03:00	
Animal 67	Weight	760	kg	10/01/2025	04:00	
Animal 68	Weight	770	kg	10/01/2025	05:00	
Animal 69	Weight	780	kg	10/01/2025	06:00	
Animal 70	Weight	790	kg	10/01/2025	07:00	
Animal 71	Weight	800	kg	10/01/2025	08:00	
Animal 72	Weight	810	kg	10/01/2025	09:00	
Animal 73	Weight	820	kg	10/01/2025	10:00	
Animal 74	Weight	830	kg	10/01/2025	11:00	
Animal 75	Weight	840	kg	10/01/2025	12:00	
Animal 76	Weight	850	kg	10/01/2025	13:00	
Animal 77	Weight	860	kg	10/01/2025	14:00	
Animal 78	Weight	870	kg	10/01/2025	15:00	
Animal 79	Weight	880	kg	10/01/2025	16:00	
Animal 80	Weight	890	kg	10/01/2025	17:00	
Animal 81	Weight	900	kg	10/01/2025	18:00	
Animal 82	Weight	910	kg	10/01/2025	19:00	
Animal 83	Weight	920	kg	10/01/2025	20:00	
Animal 84	Weight	930	kg	10/01/2025	21:00	
Animal 85	Weight	940	kg	10/01/2025	22:00	
Animal 86	Weight	950	kg	10/01/2025	23:00	
Animal 87	Weight	960	kg	10/01/2025	00:00	
Animal 88	Weight	970	kg	10/01/2025	01:00	
Animal 89	Weight	980	kg	10/01/2025	02:00	
Animal 90	Weight	990	kg	10/01/2025	03:00	
Animal 91	Weight	1000	kg	10/01/2025	04:00	
Animal 92	Weight	1010	kg	10/01/2025	05:00	
Animal 93	Weight	1020	kg	10/01/2025	06:00	
Animal 94	Weight	1030	kg	10/01/2025	07:00	
Animal 95	Weight	1040	kg	10/01/2025	08:00	
Animal 96	Weight	1050	kg	10/01/2025	09:00	
Animal 97	Weight	1060	kg	10/01/2025	10:00	
Animal 98	Weight	1070	kg	10/01/2025	11:00	
Animal 99	Weight	1080	kg	10/01/2025	12:00	
Animal 100	Weight	1090	kg	10/01/2025	13:00	

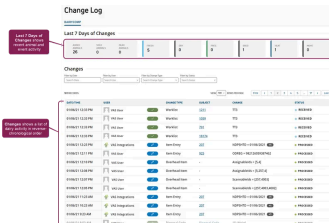
Expand the sections below to learn more:

- ✓ **View Summary of Changes over the Last 7 Days**
- ✓ **View All Changes**
- ✓ **View Change Details**
- ✓ **Related Topics**

11.4. Shared Files

✓ Required Permissions

The Change Log provides an easy to use summary and historical list of animal activity and data changes made within the dairy. The top of the Change Log shows a breakdown of animal activity and events for the past 7 days, while beneath that is a list of all major data changes that have occurred for the dairy. You can find this feature under the [Dairy menu](#).



Date	Animal	Change Type	Details
2025-10-01	101	Weight	100.0
2025-10-01	102	Weight	100.0
2025-10-01	103	Weight	100.0
2025-10-01	104	Weight	100.0
2025-10-01	105	Weight	100.0
2025-10-01	106	Weight	100.0
2025-10-01	107	Weight	100.0
2025-10-01	108	Weight	100.0
2025-10-01	109	Weight	100.0
2025-10-01	110	Weight	100.0
2025-10-01	111	Weight	100.0
2025-10-01	112	Weight	100.0
2025-10-01	113	Weight	100.0
2025-10-01	114	Weight	100.0
2025-10-01	115	Weight	100.0
2025-10-01	116	Weight	100.0
2025-10-01	117	Weight	100.0
2025-10-01	118	Weight	100.0
2025-10-01	119	Weight	100.0
2025-10-01	120	Weight	100.0

Expand the sections below to learn more:

- ✓ **View Summary of Changes over the Last 7 Days**
- ✓ **View All Changes**
- ✓ **View Change Details**
- ✓ **Related Topics**

12. Frequently Asked Questions (FAQs)

This section captures Frequently Asked Questions (FAQs) about PULSE. See the topics below to learn more.

- [Using PULSE](#)
 - [Which browsers are supported?](#)
 - [How can I add more people to PULSE?](#)
 - [How do I view a different company or dairy?](#)
 - [How do I refresh the My Dairies list in the mobile app?](#)
 - [How do I share data with my vet, nutritionist, or consultant?](#)
 - [How do I change PULSE language?](#)
 - [How can I change the technician of an event?](#)
 - [How do I handle system messages?](#)
 - [How do I set KPIs and alerts?](#)
 - [How do Notifications work?](#)
 - [How do I leave a dairy?](#)
 - [When should I use dark and light modes in mobile apps?](#)
- [Data Access and Security](#)
 - [Is my DairyComp 305 going to stay the way it is now?](#)
 - [Is my data secure?](#)
 - [When was my data last synchronized?](#)
 - [Who has access to my data?](#)
 - [What if I have poor or limited internet access in the barn? Can I still use PULSE?](#)
 - [Does the mobile app use my cell phone data?](#)
 - [How do I address a Bad PLA Error? \(DairyComp Unlimited Only\)](#)
- [VAS Webinars](#)

✓ Related Topics

12.1. Using PULSE

See the topics below for frequently asked questions about using PULSE:

- [Which browsers are supported?](#)
- [How can I add more people to PULSE?](#)
- [How do I view a different company or dairy?](#)
- [How do I refresh the My Dairies list in the mobile app?](#)
- [How do I share data with my vet, nutritionist, or consultant?](#)
- [How do I change PULSE language?](#)
- [How can I change the technician of an event?](#)
- [How do I handle system messages?](#)
- [How do I set KPIs and alerts?](#)
- [How do Notifications work?](#)
- [How do I leave a dairy?](#)
- [When should I use dark and light modes in mobile apps?](#)

12.1.1. Which browsers are supported?

When you log in to PULSE, it checks to ensure that you are using a supported browser. For security reasons, the supported browsers are [Google Chrome](#), [Safari \(Mac\)](#), [Mozilla Firefox](#), and [Microsoft Edge](#). If you attempt to log in to PULSE, with an unsupported browser, the system will display a message that lets you know the browser is not supported, and it will provide a list of supported browsers so that you can easily download the one of your choice.

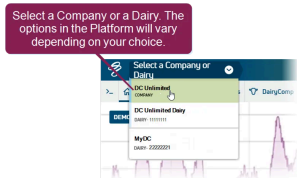
12.1.2. How can I add more people to PULSE?

See the following sections for help with adding users to your dairy and managing user accounts:

- [Invite a User to Your Dairy](#)
- [Manage Dairy Users and Roles](#)
- [Edit Dairy User Permissions](#)
- [Remove a Dairy User](#)
- [Manage Dairy Roles](#)

12.1.3. How do I view a different company or dairy?

The company or dairy you are viewing is displayed at the top left of the page. To view a different one, click the arrow and choose from the list of all your connected companies and dairies.



If no dairies are available or you don't see the one you're looking for, see [Request Access to a Dairy](#).

12.1.4. How do I refresh the My Dairies list in the mobile app?

The My Dairies list is displayed when you first log in to the app, and you can return to it at any time. Tap on the More tab at the bottom right of the screen, and then tap **Switch to Another Dairy** .

If the My Dairies list does not appear to be up to date, swipe down from the top of the screen to reload the list.

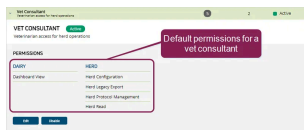
See the topics below to learn more:

- [View My Dairies List \(DC on Mobile\)](#)
- [Refresh My Dairies List \(VAS Platform Mobile App\)](#)
- [Mobile Apps](#)

12.1.5. How do I share data with my vet, nutritionist, or consultant?

Any user inside or outside of your dairy can use PULSE. You can either [invite them to view your dairy](#), or they can [request access to your dairy](#) on their own. When sharing your data with your vet, nutritionist, or any other outside consultant, you can use Role assignments to set their Platform permissions.

Within the default roles that are available, you will find one for **Vet Consultant** that provides the typical permissions usually required by your vet (see example below). If you want to create additional roles or edit permissions for an existing one, see [Manage Dairy Users and Roles](#).



Dairy user permissions are controlled entirely through role assignments. To edit dairy user permissions, open the [Dairy menu](#), navigate to User Management, and select the **Users** or **Roles** option.

✓ Related Topics

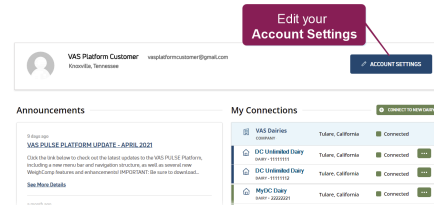
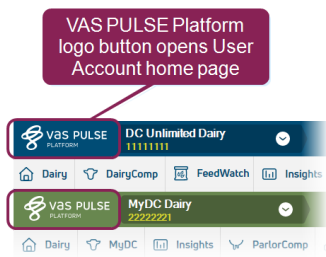
12.1.6. How do I change PULSE language?

Your **Account Settings** allow you to choose a different language for PULSE. The language you select in your Account Settings will be applied when you log in to both the web and mobile versions of PULSE. Once you save your language selection in the web version, you must then restart the mobile app and re-enter your credentials to apply the language change there.

✓ **Click here to view the supported languages.**

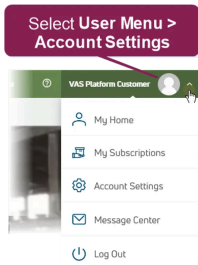
Follow these guidelines when changing the language:

1. If you're not already on your **Account Settings** page, click PULSE logo button in the top left corner of the window, and click the **Account Settings** button to the far right of your User Account home page.

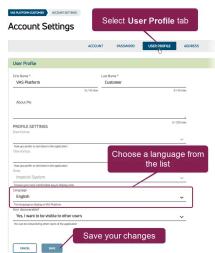


OR

Select **Account Settings** from the User Menu in the top right corner of the page.



2. On the **Account Settings** page, select the **User Profile** tab at the top of the page.



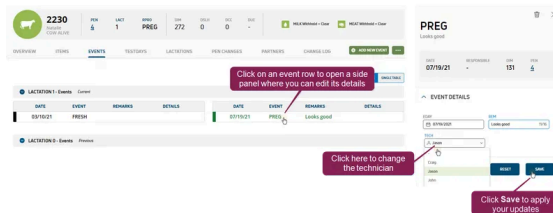
3. Locate the **Language** field toward the bottom of the page and choose a setting from the drop-down list.
4. Click the **Save** button to apply the language setting to the web version of PULSE.
5. If you use the mobile app as well, restart the app and re-enter your credentials to apply the language setting there.

NOTE: For DairyComp Unlimited, the Platform language setting does **not** change the data fields that are pulled from on-premise DairyComp. When PULSE synchronizes data from the on-premise DairyComp, it will be displayed in PULSE the same way it was entered in the on-premise DairyComp.

12.1.7. How can I change the technician of an event?

When you assign certain events to an animal (for example, a BRED event), you're given the option to assign a particular technician to the event. See the topics below to get started with change the technician assigned to these events directly from the animal's CowCard.

1. On the animal's CowCard, go to the Overview tab or the Events tab.
2. Click on the desired event to open its side panel.



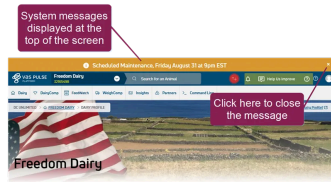
3. Click **Tech** and select a different technician from the drop-down menu.

NOTE: You can edit other event data besides the technician, but you can only edit events from the current lactation. See [Update Events](#) to learn more.

4. Click **Save** to apply your changes.

12.1.8. How do I handle system messages?

PULSE team is able to post an alert when there is a system outage or upcoming downtime for system maintenance. These system messages are displayed at the top of PULSE screen, and you can click the X to the far right to close the message once you've read it. It will be displayed again if you refresh your browser window or log out and back into PULSE.



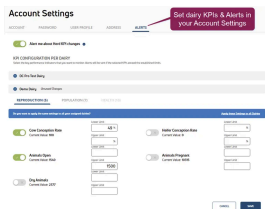
12.1.9. How do I set KPIs and alerts?

✓ Required Permissions

NOTE: Use this topic to learn more about [KPI](#)-based alerts for your dairy. PULSE also offers an option to set [protocol](#) task status alerts, which are based on your dairy protocols and scheduling setup. See [Add and Manage Task Status Alerts](#) to learn more about task status alerts.

PULSE can alert you when the following KPIs fall below or exceed your designated limits:

- Conception rates for cows and heifers
- Animal counts by reproduction status: Open, Pregnant, Dry
- Population counts for a variety of specific animal types, including heifers, breeding-[age](#) heifers, departing animals, and new heifers



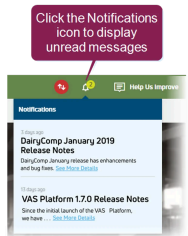
✓ Set KPIs & Alerts

✓ KPI Descriptions

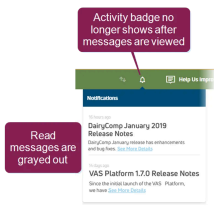
✓ Email Notifications

12.1.10. How do Notifications work?

PULSE provides **Notifications** to share details on the latest product releases, as well as system messages, general alerts, and notifications. An activity badge  on this icon at the top of the page indicates the total number of unread messages, and clicking the Notifications icon displays links to the most recent messages.

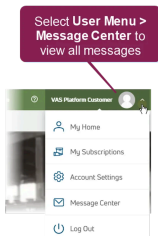


After new messages are read, the activity badge no longer shows, and messages display in a read (grayed out) format.

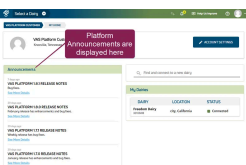


To access all messages, view the [Message Center](#), which PULSE now includes a Message Center serves to serve as a communication hub and provide an easily-accessible area to view important messages between your dairy and from PULSE.

To view all messages, select **Message Center** from the [User Menu](#) in the top right corner of the page.



Announcements are also available from your [User Account home page](#).



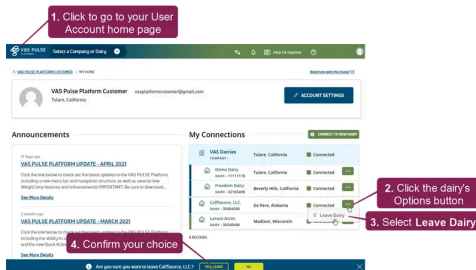
12.1.11. How do I leave a dairy?

NOTE: As a security measure, if only one user in a dairy is assigned PULSE User Management permissions, that user cannot be removed from the dairy and cannot leave the dairy. User Management permissions must be assigned to at least one other user account if the only user with that permission level wishes to leave the dairy. See [Edit Dairy User Permissions](#) for more information.

✓ Show me from the mobile app!

If you no longer wish to be connected to a dairy, your PULSE home page provides an option to leave it:

1. Click PULSE logo button in the top left corner of the window.
2. In the **My Connections** list on the right side of your User Account home page, click the Options button  next to the dairy name that you wish to leave.
3. Click the **Leave Dairy** button over to the right.
The system displays a confirmation message at the bottom of the screen.
4. At the bottom of the screen, click the **Yes, Leave** confirmation button to leave the dairy.



IMPORTANT: Be certain that you want to leave the dairy because once you do, your access to it will be entirely removed from your PULSE account. At that point, you must be reconnected to that dairy before you can view it again.

12.1.12. When should I use dark and light modes in mobile apps?

The mobile apps allow you to swap the standard color scheme from a light background to a dark background. Benefits of each [mode](#) are listed below.

Dark Mode Benefits

- **Reduced Eye Strain in Low Light:** Dark mode is easier on the eyes in low-light conditions because it makes nighttime reading easier, reduces eye strain and dry eyes, and can help you focus your eyes longer.
- **Increased Battery Life:** Dark mode can save battery life on your devices, because it significantly reduces power consumption on some devices.
- **Better Sleep:** Dark mode emits less blue light; and, reducing exposure to bright screens, especially in the evenings, can help improve your sleep quality.

Light Mode Benefits

- **Reduced Eye Strain in Bright Light:** Light mode generally works better in bright-light conditions because dark text on a white background is generally easier to read in the daylight.
- **Better Color Accuracy:** Light mode displays colors more vibrantly and accurately on your devices.
- **Familiarity and Preference:** Light mode is more visually appealing to some users as they find it easier to use during the day since it resembles daylight conditions.

12.2. Data Access and Security

See the topics below for frequently asked questions about data access and security in PULSE:

- [Is my DairyComp 305 going to stay the way it is now?](#)
- [Is my data secure?](#)
- [When was my data last synchronized?](#)
- [Who has access to my data?](#)
- [What if I have poor or limited internet access in the barn? Can I still use PULSE?](#)
- [Does the mobile app use my cell phone data?](#)
- [How do I address a Bad PLA Error? \(DairyComp Unlimited Only\)](#)
- [What is 305AA and how does it differ from 305ME?](#)

12.2.1. Is my DairyComp 305 going to stay the way it is now?

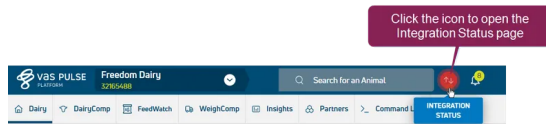
Yes. The on-farm DairyComp will stay in place and mostly unchanged as you know it to be today. Initially, all we are doing is adding easy access to your dairy data from any device. In the future we will add data entry and configuration options.

12.2.2. Is my data secure?

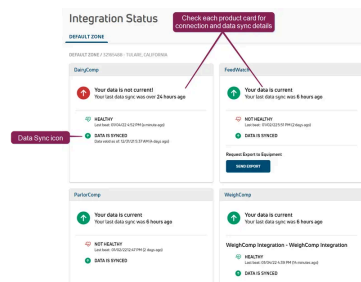
Yes. VAS requires a secure login for each user of PULSE. The user will get an access token that is cryptographically signed and expires in a reasonable amount of time. The data will flow back and forth using SSL, which is an encrypted channel of communication between your browser and our server.

12.2.3. When was my data last synchronized?

You can quickly see when your data was last synchronized on the **Integration Status** page. Click the Integration Status button at top right side of PULSE to open the page.



This page contains a card for each of your integrated, on-premise products, letting you quickly see the last time the data was synced for each product.



For more information on this feature and troubleshooting connection and data sync errors, see [Integration Status](#).

12.2.4. Who has access to my data?

The only people who have access to your data are the ones you allow. You can add or remove access to outside advisors and dairy employees using a simple role-based system.

Hide My Dairy from Public Searches: You can edit the settings for your dairy so that it does not appear in the list when users search for dairies to connect to. Change the **Is Discoverable** setting on the Dairy Settings page to **No, dairy not visible for other users**. See [Settings \(Dairy\)](#) for instructions.

Is Discoverable
No, dairy not visible for other users 
Do you want other users to find your dairy?

See the following sections for more information:

- [Invite a User to Your Dairy](#)
- [Request Access to a Dairy](#)
- [Edit Dairy User Permissions](#)
- [Manage Dairy Roles](#)

12.2.5. What if I have poor or limited internet access in the barn? Can I still use PULSE?

Yes. PULSE has a mobile app that can work both online and offline. VAS knows that life needs to continue and work needs to get done regardless of your internet status. Please be aware that some advanced analysis and comparison features of PULSE may only be available when internet access is present. However, your recent data is available for offline use without an internet connection and refreshes regularly when in range of a Wi-Fi connection. If you travel outside of data coverage, the app automatically reverts to offline [mode](#), allowing you to view the last synced data.

✓ Related Topics

12.2.6. Does the mobile app use my cell phone data?

We find this question especially important for users who have a limited amount of data on their cell phone plan or who have prepaid cell phone plans, such as TracFone®.

VAS understands that you need access to your data regardless of whether you have an internet connection. The same consideration goes for users who have pre-paid for their cell phone minutes and do not want to use those minutes to refresh data on PULSE mobile app.

For this reason, VAS has designed the mobile app to work in either online or offline [mode](#) and thus does not need to use your cell phone data while you are out in the dairy.

If you own a prepaid device and want to ensure that PULSE mobile app does not use your prepaid data, you can use the app settings within your device to restrict the app from using a data connection or to refresh data only when a Wi-Fi connection is available.

All actions required by PULSE mobile app can be performed over a Wi-Fi connection, from downloading and installing the app to refreshing dairy data on a regular basis. Data on the mobile app refreshes automatically when the device is within Wi-Fi range, so any devices that are in Wi-Fi range on the dairy—or anywhere with an established Wi-Fi connection—will receive the data refreshes

✓ Related Topics

12.2.7. How do I address a Bad PLA Error? (DairyComp Unlimited Only)

If you encounter a bad PLA file error message, [contact us](#) for support.

This error message is related to PULSE. A bad PLA file prevents PULSE from properly updating with your [DC305](#) data. This message often displays as a separate message box after restarting DairyComp. In some cases, you might have seen and closed this message previously.

If you receive a bad PLA file error message, or if your PULSE isn't refreshing with DairyComp, [contact us](#) for support. This issue requires specialized assistance, and attempting to fix it yourself can lead to further complications.

NOTE: These instructions apply only to DairyComp Unlimited.

12.2.8. What is 305AA and how does it differ from 305ME?

Summary

The Council on Dairy Cattle Breeding (CDCB) and USDA introduced a new standardized milk yield metric called 305-AA in 2024 to better reflect modern cows and farming practices. This update improves accuracy by standardizing production to a cow at 36 months of age instead of the older mature equivalent (ME) model.

- 305AA uses updated adjustment factors based on recent research covering age, breed, seasonality, and region. The factor is updated for each lactation, and the 305AA is updated for each testday.
- You can view 305AA values in both DairyComp and PULSE to compare them against traditional 305ME data. While DairyComp continues to use 305ME for CowVAL and RELV calculations for now, having both metrics side-by-side allows you to see how modern adjustment factors affect your herd's projected yields.
- Researchers analyzed over 100 million lactation records and the new metric reflects advances in genetics, climate, and management since the 1990s.

Distinctions

Factor	305ME	305AA
Standardization Age	Mature equivalent (61-86 months depending on breed)	36 months (fixed age)
Climate Regions	3 geographical regions (East to West across U.S.)	5 climate-based regions
Breed Adjustments	Calculated with season-region; heavily influenced by Holsteins	Breed-specific age-parity adjustments using broader dataset
Last Updated	1994	2024 (based on 1960-2022 data)
Dataset Size	Limited by 1990s computing	101.5 million milk, 100.5 million fat, 81.2 million protein records
Milking Frequency	Adjusted to 2X milking	Adjusted to 2X milking (unchanged)
Days Open Adjustment	Included	Included (unchanged)

IMPORTANT:

- 305AA is calculated/displayed dynamically in PULSE and is not physically stored in the testday record.
- 305AA can only be applied to PULSE-connected herds that receive testday reports from a DRPC. A PULSE DRPC partner integration is not required.
- DairyComp CowVAL and RELV calculations were not updated; they continue to use 305ME.
- If an animal is missing an AAFAC value, the system defaults the 305AA to the 305M value (no adjustment applied). See [Troubleshoot missing AAFAC values](#) below to verify the animal's data.
- If animals are restored in DairyComp, their AAFAC values may need to be repopulated. [Contact Us](#) to create a service desk ticket to have the values reloaded from PULSE.

Where can I check 305AA details?

- **Testdays:** If your dairy imports testday data to PULSE, you can check 305AA results as the following items:
 - **305AA:** Projected 305-day yield based on **testday** data
 - **AA305:** Projected 305-day yield based on **daily milk**
 - **PULSE ONLY 305AA Fat:** Age-adjusted fat production
 - **PULSE ONLY 305AA Protein:** Age-adjusted protein production
 See [Testdays](#) to learn more about viewing mature equivalent data in PULSE.
- **CowCards:** Customize your CowCards to view the new AA items alongside traditional ME values. See [View Animal Details on CowCards](#) to learn more about working with CowCards in PULSE.
- **DairyComp:** Go to [ALTER10: CowCard Definition](#) and [TestDays Tab](#) to add 305AA to your CowCards and testdays table. DairyComp will automatically upgrade your cowfile to version 10 if extra space is needed.

Troubleshoot missing AAFAC values

If an animal is missing an AAFAC value, verify the following conditions in the animal's record:

- **Lactation:** The animal must have a lactation number greater than 0. PULSE does not calculate factors for heifers or male animals.
- **FRESH Date:** PULSE only includes animals with a FRESH date on or after January 1, 2024. Also, FRESH date cannot be a future date.
- **Active:** The animal cannot be marked as SOLD or DIED.
- **Birth Date:** The birth date must occur before the fresh date.

If the animal's AAFAC value is still missing after confirming these conditions, [Contact Us](#).

AAFAC for restored animals and lactations

When an animal or lactation is restored in DairyComp (on-premise), PULSE AAFAC values may be cleared or overwritten. If necessary, you can manually reset the value in PULSE from the animal's cowcard.

How is 305AA calculated?

PULSE calculates 305AA by applying an Age-Adjusted Factor (AAFAC) to a cow's actual milk yield. This factor is derived from the latest CDCB/USDA methodology, which considers the cow's age, parity, breed, and the specific climate region of your dairy.

For on-premise DairyComp to include 305AA items, you must first have PULSE connected to your herd and be actively receiving testday reports from a DRPC. [Contact Us](#) if you are using DairyComp, but are not yet connected to PULSE. After the connection is confirmed, DairyComp processes 305AA by integrating three AA items and calculation logic that mirror the existing 305ME structure but utilize the updated CDCB factors.

Calculation details

- **AAFAC:** Age-adjusted factor based on CDCB/USDA methodology
- **PULSE ONLY AAFAT:** Age-adjusted fat factor
- **PULSE ONLY AAPRO:** Age-adjusted protein factor
- **305AA** = 305M × AAFAC
- **AA305** = daily milk × AAFAC
- **PULSE ONLY 305AA Fat** = 305FAT × AAFAT
- **PULSE ONLY 305AA Protein** = 305PRO × AAPRO

How is 305AA applied to regions outside of the US?

The USDA's climate region assignments were developed for US states. To extend the new age-adjustment factors to international customers, VAS applied the same climate analysis method to non-US locations. The approach is based on the concept of Average Degree Days (Heating Degree Days (HDD) and Cooling Degree Days (CDD), which is a representation of outside temperature data. See eia.gov to learn more about degree days.

What if I already have 305AA or AAFAC items in my dairy?

If an item with the name "305AA" or "AAFAC" already exists in your cowfile, DairyComp will log a message in the **Activity Log** rather than overwriting it. In these cases, [Contact Us](#) to ensure the items are mapped correctly to the new standard definitions.

Want to learn more about 305AA?

See the VAS article [Understanding 305-AA](#) and CDCB's article [Introducing 305-AA](#).

12.3. VAS Webinars

VAS is excited to offer live and on-demand webinars for our customers. These sessions will cover various topics, including industry insights and demonstrations of VAS products. You can explore all available webinars on the [VAS Webinars](#) page.