



DairyComp

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1. DairyComp Overview

DairyComp is a powerful herd management system trusted by dairy producers to turn herd data into confident, profit-driven decisions. Use DairyComp to track detailed animal records, oversee reproduction and health, analyze performance, and build reports and workflows that fit how you work, so everyone stays on the same up-to-date information and can spot problems sooner, improve protocols, and manage herds more effectively at any scale.

Want to learn more about DairyComp? Visit vas.com to explore product features and connect with VAS to learn how DairyComp works to bring efficiencies to your operation.

Browse the sections below to learn more about DairyComp:



What's New in DairyComp?

Check out the latest updates and bug fixes



Get Started!

New to DairyComp? Start here to learn the basics!



DC305 Support FAQs

Find answers to VAS Support's most frequently asked questions!



DairyComp Reference Guide

Delve deeper into the many DairyComp features!

2. What's New in DairyComp?

Expand the sections below to learn about new features, enhancements, and bug fixes in the latest DairyComp release!

DairyComp - Version 26.7

Release Date: July 28, 2026

DairyComp version 26.7 contains various bug fixes, customer-requested enhancements, and improvements.

Expand the topics below to learn more about the updates in this release:

▼ **Base Program**

▼ **Integrations**

▼ **Need help updating DairyComp? Click here to see how it's done!**

▼ **Earlier Releases**

2.1. DairyComp Update - July 2026

DairyComp - Version 26.7

Release Date: July 28, 2026

DairyComp version 26.7 contains various bug fixes, customer-requested enhancements, and improvements.

Expand the topics below to learn more about the updates in this release:

▼ **Base Program**

▼ **Integrations**

2.2. DairyComp Update - June 2026

DairyComp - Version 26.6

Release Date: June 30, 2026

DairyComp version 26.6 contains various bug fixes, customer-requested enhancements, and improvements.

Expand the topics below to learn more about the updates in this release:

- ▼ **Base Program**
- ▼ **Integrations**
- ▼ **CowCare**

2.3. DairyComp Update - June 2026

DairyComp - Version 26.5

Release Date: June 3, 2026

DairyComp version 26.5 contains various bug fixes, customer-requested enhancements, and improvements.

Expand the topics below to learn more about the updates in this release:

- ▼ **Base Program**
- ▼ **New Help Topic: ALTER7: Protocols**

2.4. DairyComp Update - May 2026

DairyComp - Version 26.4

Release Date: May 6, 2026

DairyComp version 26.4 contains various bug fixes, customer-requested enhancements, and improvements.

Expand the topics below to learn more about the updates in this release:

- ▼ **Base Program**
- ▼ **Integrations**
- ▼ **CowCare**

2.5. DairyComp Update - April 2026

DairyComp - Version 26.3

Release Date: April 1, 2026

DairyComp version 26.3 contains various bug fixes, customer-requested enhancements, and improvements.

Expand the topics below to learn more about the updates in this release:

▼ **Integrations**

▼ **CowCare**

2.6. DairyComp Update - March 2026

DairyComp - Version 26.2

Release Date: March 4, 2026

DairyComp version 26.2 contains various bug fixes, customer-requested enhancements, and improvements.

Expand the topics below to learn more about the updates in this release:

▼ **Base Program**

▼ **Integrations**

2.7. DairyComp Update - February 2026

DairyComp - Version 26.1

Release Date: February 4, 2026

- ✓ **Base Program**
- ✓ **New Help Topic: ALTER10: CowCard Definition**
- ✓ **New Help Topic: ALTER12: FRESH Event Items**
- ✓ **New Help Topic: ALTER13: Premise Table**

2.8. DairyComp Update - January 2026

DairyComp - Version 25.12

Release Date: January 6, 2026

DairyComp version 25.12 contains various bug fixes, customer-requested enhancements, and improvements.

Expand the topics below to learn more about the updates in this release:

- ▼ **Base Program**
- ▼ **New FAQ: Visualize Test Day Performance Trends with PLOT**
- ▼ **New FAQ: Automate Billing Reports using INVOICE**

2.9. DairyComp Update - December 2025

DairyComp - Version 25.11

Release Date: December 2, 2025

DairyComp version 25.11 contains various bug fixes, customer-requested enhancements, and integration improvements for our integration partners, as well as many other improvements.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **Pocket CowCard**
- ✓ **New Help Topic: ALTER\3: Command Abbreviations**
- ✓ **New FAQ: Visualize Item Distribution with GRAPH**
- ✓ **New FAQ: Visualize Event Distribution with EGRAPH**
- ✓ **New FAQ: Visualize Historical Measurements with EPlot**

2.10. DairyComp Update - October 2025

DairyComp - Version 25.10

Release Date: October 29, 2025

DairyComp version 25.10 contains various bug fixes, customer-requested enhancements, and integration improvements for our integration partners, as well as many other improvements.

Expand the topics below to learn more about the updates in this release:

▼ **Base Program**

▼ **Integrations**

2.11. DairyComp Update - September 2025

DairyComp - Version 25.9

Release Date: October 7, 2025

DairyComp version 25.9 contains various bug fixes, customer-requested enhancements, and integration improvements for our integration partners, as well as many other improvements.

Expand the topics below to learn more about the updates in this release:

- ✓ **New Feature: Assist**
- ✓ **New Feature: Connection Status**
- ✓ **New Feature: Find Help in DairyComp**
- ✓ **New Feature: Pen Inventory**
- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **Pocket CowCard**
- ✓ **New FAQ: Resolve HELD Commands**
- ✓ **New Help Topics: Events**

2.12. DairyComp Update - August 2025

DairyComp - Version 25.8

Release Date: August 26, 2025

DairyComp version 25.8 contains various bug fixes, customer-requested enhancements, and integration improvements for our integration partners, as well as many other improvements.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **Updated Help Topic: Edit CowCare Settings**
- ✓ **New Help Topic: ALTER\2: Item Definitions**

2.13. DairyComp Update - July 2025

DairyComp - Version 25.7

Release Date: July 29, 2025

DairyComp version 25.7 contains various bug fixes, customer-requested enhancements, and integration improvements for our integration partners, as well as many other improvements.

Expand the topics below to learn more about the updates in this release:

- ▼ **Base Program**
- ▼ **Integrations**
- ▼ **FTECH**
- ▼ **Updated Help Topic: View Lely Milk Production**

2.14. DairyComp Update - June 2025

DairyComp - Version 25.6

Release Date: June 30, 2025

DairyComp version 25.6 contains various bug fixes, customer-requested enhancements, and integration improvements for our integration partners, as well as many other improvements.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **FTECH**
- ✓ **New Help Topic: View Lely Milk Production**
- ✓ **New Help Topic: Analyze Dam Relative Value**
- ✓ **New Help Topic: Address Bad PLA Error**

2.15. DairyComp Update - May 2025

DairyComp - Version 25.5

Release Date: May 28, 2025

DairyComp version 25.5 contains various bug fixes, customer-requested enhancements, and integration improvements for our integration partners, as well as many other improvements.

Expand the topics below to learn more about the updates in this release:

- ▼ **Base Program**
- ▼ **Integrations**
- ▼ **CowCare**
- ▼ **Updated Help Topic: Reassign or Delete Open Treatments in CowCare!**

2.16. DairyComp Update - April 2025

DairyComp - Version 25.4

Release Date: April 23, 2025

DairyComp version 25.4 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners, PCC, and many other improvements.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **FTECH**
- ✓ **PCC**

2.17. DairyComp Update - March 2025

DairyComp - Version 25.3

Release Date: March 25, 2025

DairyComp version 25.3 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners, as well as many other improvements.

Expand the topics below to learn more about the updates in this release:

▼ **Base Program**

▼ **Integrations**

2.18. DairyComp Update - February 2025

DairyComp - Version 25.2

Release Date: February 26, 2025

DairyComp version 25.2 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners.

Expand the topics below to learn more about the updates in this release:

- ▼ **Base Program**
- ▼ **Integrations**
- ▼ **FTECH**

2.19. DairyComp Update - January 2025

DairyComp - Version 25.1

Release Date: January 29, 2025

DairyComp version 25.1 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners.

Expand the topics below to learn more about the updates in this release:

- ▼ **Base Program**
- ▼ **Integrations**
- ▼ **FTECH**
- ▼ **Pocket CowCard**

2.20. DairyComp - Earlier Releases

DairyComp - Version 24.12

Release Date: January 8, 2025

DairyComp version 24.12 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners. We have implemented numerous improvements related to integrations and traceability systems.

Expand the topics below to learn more about the updates in this release:

▼ **Base Program**

▼ **Integrations**

DairyComp - Version 24.11

Release Date: November 19, 2024

DairyComp version 24.11 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners. We have also implemented numerous internal improvements, which will become evident in future releases.

Expand the topics below to learn more about the updates in this release:

▼ **Base Program**

▼ **Integrations**

▼ **FTECH**

DairyComp - Version 24.10

Release Date: October 29, 2024

DairyComp version 24.10 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners. We have also implemented numerous internal improvements, which will become evident in future releases.

Expand the topics below to learn more about the updates in this release:

▼ **Base Program**

▼ **Integrations**

▼ **CowCare**

▼ **PULSE**

DairyComp - Version 24.9

Release Date: September 24, 2024

DairyComp version 24.9 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners. We have also implemented numerous internal improvements, which will become evident in future releases.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**

Expand the topics below to learn more about new online help content!

- ✓ **New Help Topic: Sign Up for DairyComp Training Classes**

DairyComp - Version 24.8

Release Date: August 20, 2024

DairyComp version 24.8 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners. We have also implemented numerous internal improvements, which will become evident in future releases. One highlight in this release is that you can now view calf information in the [Previous Lactations Tab](#) of any animal's CowCard.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **PULSE**

DairyComp - Version 24.7

Release Date: July 23, 2024

DairyComp version 24.7 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners. We have also implemented numerous internal improvements, which will become evident in future releases. This release had a larger focus on accommodating customer requests.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**

DairyComp - Version 24.6

Release Date: June 26, 2024

DairyComp version 24.6 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners. We have also implemented numerous internal improvements, which will become evident in future releases, as well as completed some international requirements. The next release will include more base program improvements.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**

✓ PCC

DairyComp - Version 24.5

Release Date: May 21, 2024

DairyComp version 24.5 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners. We have also implemented numerous internal improvements, which will become evident in future releases.

Expand the topics below to learn more about the updates in this release:

- ✓ Base Program
- ✓ Integrations
- ✓ CowCare
- ✓ PULSE

DairyComp - Version 24.4

Release Date: April 23, 2024

DairyComp version 24.4 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners. We have also implemented numerous internal improvements, which will become evident in future releases.

Expand the topics below to learn more about the updates in this release:

- ✓ Base Program
- ✓ Integrations
- ✓ CowCare
- ✓ PULSE
- ✓ Pocket CowCard

DairyComp - Version 24.3

Release Date: March 26, 2024

DairyComp version 24.3 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners. We have also implemented numerous internal improvements, which will become evident in future releases.

Expand the topics below to learn more about the updates in this release:

- ✓ Base Program
- ✓ Integrations
- ✓ CowCare
- ✓ PULSE
- ✓ Pocket CowCard

DairyComp - Version 24.2

Release Date: February 20, 2024

DairyComp version 24.2 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners. We have also implemented numerous internal improvements, which will become evident in future releases.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **PULSE**

DairyComp - Version 24.1

Release Date: January 23, 2024

DairyComp version 24.1 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners. We have also implemented numerous internal improvements, which will become evident in future releases.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **PULSE**
- ✓ **Pocket CowCard**

DairyComp - Version 23.11

Release Date: November 28, 2023

DairyComp version 23.11 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners. The majority of our time has been spent on groundwork for new features that will be released over the next two versions.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **PULSE**

DairyComp - Version 23.10

Release Date: October 24, 2023

DairyComp version 23.10 contains various bug fixes, customer-requested enhancements, and integration improvements for PULSE and our integration partners.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**

DairyComp - Version 23.9

Release Date: September 26, 2023

DairyComp version 23.9 contains the usual assortment of bug fixes, customer-requested enhancements, and integration improvements for DairyComp, PULSE, and our integration partners. This update includes base program improvements such as sexed sire handling, data integrity and validation improvements, as well as continued work on integrations with our vendors and PULSE.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **PULSE**
- ✓ **PCC**

DairyComp - Version 23.8

Release Date: August 29, 2023

DairyComp version 23.8 contains the usual assortment of bug fixes, customer-requested enhancements, and integration improvements for DairyComp, PULSE, and our integration partners.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **PULSE**
- ✓ **Web Updater and Backend**

Expand the topics below to learn more about new online help content!

- ✓ **Updated Help Topic: Manage Drug Usage Transactions in CowCare**

DairyComp - Version 23.7

Release Date: August 3, 2023

DairyComp version 23.7 is primarily a maintenance release, containing various bug fixes and improvements for the base program, integrations, CowCare, and PULSE.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **PULSE**

DairyComp - Version 23.6

Release Date: June 27, 2023

DairyComp version 23.6 contains an assortment of requested improvements, integrations updates, and minor bug fixes. We've also made updates to the latest version of CowCare. Many of our efforts in this release include internal changes in preparation for future features.

We've also made significant changes to the latest version of CowCare.

Our upcoming efforts include several requested improvements for PCC, PULSE reliability, Cowfile Version 9, and a variety of integrations updates.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **PULSE**
- ✓ **PCC Pocket CowCard**

DairyComp - Version 23.5

Release Date: May 30, 2023

DairyComp version 23.5 contains an assortment of requested improvements, integrations updates, and minor bug fixes.

We've completed efforts on fully supporting triplets in FRESH, including the associated items and reports. CowCare continues to improve with multiple requested changes from our partners and customers.

Our upcoming efforts include several requested improvements for PCC, PULSE reliability, Cowfile Version 9, and a variety of integrations updates.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **Web Updater**
- ✓ **PCC Pocket CowCard**

Expand the topic below to learn more about new online help content!

✓ **Updated CowCare Help Topics!**

DairyComp - Version 23.4

Release Date: April 26, 2023

DairyComp version 23.4 contains an assortment of improvements, requested integrations updates, and minor bug fixes.

We added more improvements to the FRESH command, including support for storing calf details for triplets. We've also added the option to group by Pen of the BRED event in BREDSUM. For use in certain genomic items, we expanded the type 42 item to allow a variable number of decimal places. Additionally, we are working on internal changes to the web update process as we continue to work on Cowfile 9.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**

Expand the topic below to learn more about new online help content!

- ✓ **New help topics for Tru-Test SRS2 scanner users!**

DairyComp - Version 23.3

Release Date: April 3, 2023

DairyComp version 23.3 contains improvements to CowCare, partner integrations, and a handful of enhancements and bug fixes.

We continue to make multiple improvements to the FRESH command. One highly requested improvement is the ability to maintain separate default ID and tag sequences for beef calves and crosses. On the ALTER > Dairy Info page, you can now define beef calf sequences. If the calf is determined to be a beef or beef cross, and those fields contain values, then those fields are used for the default calf ID and tag entries. Future versions will include additional updates to the FRESH command.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**

Expand the topic below to learn more about our updated online help content!

- ✓ **Updated Help Topic: Install DairyComp on a New Computer**

DairyComp - Version 23.2

Release Date: February 28, 2023

DairyComp version 23.2 contains various bug fixes and improvements, with an emphasis on integrations updates. Improvements also continue to CowCare, the Cowfile 9 project, and various other enhancements and bug fixes.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**

- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **PULSE**
- ✓ **Web Updater/RS2 Replacement**

Expand the topic below to learn more about our updated online help content!

- ✓ **Updated Help Topic: Activity Logs**

DairyComp - Version 23.1

Release Date: February 1, 2023

DairyComp version 23.1 contains various bug fixes and improvements, including changes for the base program, CowCare, and PULSE. Fixes and enhancements for integrations were a major focus in version 23.1.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **PULSE**
- ✓ **PCC Pocket CowCard**

Expand the topics below to learn more about new online help content!

- ✓ **New Help Topic: BREDSUM Reports**
- ✓ **New Help Topic: Parlor Reports**
- ✓ **New Help Topic: PCC Command**

DairyComp - Version 22.12.0

Release Date: January 10, 2023

DairyComp version 22.12.0 contains various bug fixes and improvements, including changes for the base program, integrations, and CowCare. We continued working on improvements for international traceability projects. Additionally, we have implemented multiple requests from new integration partners. We have also made improvements to our Cowfile 9 project, which continues to be field tested on multiple dairies.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **PULSE**

DairyComp - Version 22.11.0

Release Date: December 6, 2022

DairyComp version 22.11.0 contains various bug fixes and improvements, including changes for the base program, integrations, and CowCare. This release also includes an improvement that speeds up commands such as BREDSUM by as much as 25%. Work continues on cowfile 9 which continues to be field tested on several dairies. Additionally, we made some internal changes for the PULSE integration, however these updates have no visible effect for the users.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **Web Updater / RS2 Replacement**
- ✓ **PCC Pocket CowCard**

DairyComp - Version 22.10.0

Release Date: November 8, 2022

DairyComp version 22.10.0 contains various bug fixes and improvements, including changes for the base program, integrations, and CowCare. Additionally, we've implemented fixes for various milk integrations, imports of genetic indexes, several improvements for Lactanet, and some minor improvements for PULSE and PCC. We continue to field test the new, larger cowfile 9 on several dairies.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **PULSE**
- ✓ **Web Updater / RS2 Replacement**
- ✓ **PCC Pocket CowCard**

DairyComp - Version 22.9.0

Release Date: October 11, 2022

DairyComp version 22.9.0 contains various bug fixes and improvements, including changes for the base program, integrations, and PULSE. However, in this release much of the focus was targeted towards fixes for CowCare and the Lely integration. Additional improvements were made to activity logging and web updater to support PCC updating.

A new RFID scanner can now be used to scan your animals with the mobile app. DairyComp now supports the Allflex APR600 RFID scanner. For more information, see [APR600 Support Update](#).

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **CowCare**
- ✓ **PULSE**

- ✓ **Web Updater / RS2 Replacement**
- ✓ **PCC Pocket CowCard**
- ✓ **New! DairyComp now supports the Allflex APR600 RFID scanner**

DairyComp - Version 22.8.0

Release Date: September 7, 2022

DairyComp version 22.8.0 contains various bug fixes and improvements, including changes for the base program, integrations, and PULSE.

One long-awaited improvement is the first release of our enhanced Activity Log. We have made it easier for you to filter and find the entries you need! When enabled, activities and entries are grouped into categories. You can then view activities and entries by category or date, or hide categories from the log. For more information, see [New Help Topic: Enhanced Activity Logs](#).

Most of the work we have done this release cycle has been in the development of our new cowfile 9 version. This contains more space for cow items, and events, and we have expanded the allowable number of event codes, protocols, commands, and most of the ALTER options. Progress has been good, and we've made many improvements based on our early feedback. We are starting to release it for early preview to a subset of our customers.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **Integrations**
- ✓ **PULSE**
- ✓ **Web Updater / RS2 Replacement**
- ✓ **New Help Topic: Enhanced Activity Logs**

DairyComp - Version 22.7.0

Release Date: August 4, 2022

DairyComp version 22.7.0 contains various bug fixes and improvements, including changes for CowCare, Integrations, and the base program. This release also includes ongoing fixes and improvements for PULSE integrations and new update process. Several bug fixes and requests from our customers and partners have also been addressed.

As we proceed, we continue to work on the upcoming Cowfile Version 9 with expanded data storage, as well as an enhanced version of activity logging, which will be available in a future release.

Expand the topics below to learn more about the updates in this release:

- ✓ **Base Program**
- ✓ **CowCare**
- ✓ **Integrations**
- ✓ **Web Updater**
- ✓ **Pocket CowCard**

Expand the topics below to learn more about new online help content!

- ✓ **New Support FAQ: Check the DairyComp and PULSE Connection**
- ✓ **New Help Topic: Adjust the Hold Date (HLDAT)**
- ✓ **New Help Topic: Determine Why DNB Cows are on a Vet List**

DairyComp - Version 22.6.0

Release Date: July 6, 2022

DairyComp version 22.6.0 contains various bug fixes and improvements, including changes for PULSE, CowCare, Integrations, and the base program. This release also includes ongoing fixes and improvements for PULSE integrations and new update process. Several bug fixes and requests from our customers and partners have also been addressed.

Improvements continue for expanding storage for cowfiles, enhancing activity logging, and improving the web updater, as well as migrating users to the non-Java version.

As we proceed, we continue to work on the upcoming Cowfile Version 9 with expanded data storage, as well as an enhanced version of activity logging, which will be available in a future release.

One long-awaited improvement in this version is enhanced support for sexed sires for customers who do not use NAAB codes. See [Enhanced Support for Sexed Sires](#) below for details!

Expand the topics below to learn more about the updates in this release:

- ✓ **Enhanced Support for Sexed Sires**
- ✓ **Base Program**
- ✓ **CowCare**
- ✓ **Integrations**
- ✓ **PULSE**

Expand the topics below to learn more about new online help content!

- ✓ **New Help Topic! Using Sexed Sires**

DairyComp - Version 22.5.0

Release Date: May 31, 2022

DairyComp version 22.5.0 contains various bug fixes and improvements, including changes for PULSE, CowCare, Integrations, Pocket CowCard, and various web updater fixes. We also addressed several bug fixes and requests from our customers and partners.

We continue to work on expanding storage for cowfiles, enhancing activity logging, and improving the web updater, as well as migrating users to the non-Java version.

Expand the topics below to learn more about the updates in this release:

- ✓ **PULSE**
- ✓ **CowCare**
- ✓ **Integrations**
- ✓ **Pocket CowCard**

- ▼ **Web Updater**
- ▼ **General Enhancements and Changes**

Expand the topics below to learn more about new online help content!

- ▼ **New Help Topic: Milk Production Over Time!**

DairyComp - Version 22.4.0

Release Date: April 27, 2022

DairyComp version 22.4.0 contains various bug fixes and improvements, including changes for PULSE, CowCare, Integrations and various web updater fixes. We also addressed several bug fixes and requests from our customers and partners.

We continue to work on expanding storage for cowfiles, enhancing activity logging, and improving the web updater, as well as migrating users to the non-Java version.

Expand the topics below to learn more about the updates in this release:

- ▼ **PULSE**
- ▼ **CowCare**
- ▼ **Integrations**
- ▼ **Web Updater**
- ▼ **General Enhancements and Changes**

Expand the topics below to learn more about new online help content!

- ▼ **New Support FAQ: Update PCC on your Android Device**
- ▼ **New Support FAQ: Backup PCC Transactions on Android 11+ Devices**

DairyComp - Version 22.3.0

Release Date: March 30, 2022

DairyComp version 22.3.0 contains various bug fixes and improvements, including changes for PULSE, CowCare, Lely, and various web updater fixes. We also addressed several bug fixes and additions requested by customers and partner support.

We continue to work on expanding storage for cowfiles, enhancing activity logging, and improving the web updater, as well as migrating users to the non-Java version.

Expand the topics below to learn more about the updates in this release:

- ▼ **PULSE**
- ▼ **CowCare**
- ▼ **Integrations**
- ▼ **Web Updater**
- ▼ **General Enhancements and Changes**

DairyComp - Version 22.2.0

Release Date: March 9, 2022

DairyComp version 22.2.0 contains various bug fixes and improvements, including changes for PULSE, CowCare, Lely, and various web updater fixes. We also addressed over a dozen changes and additions requested by customers and partner support.

Expand the topics below to learn more about the updates in this release:

- ✓ **PULSE**
- ✓ **CowCare**
- ✓ **Activity Logging**
- ✓ **Integrations**
- ✓ **PCC**
- ✓ **General Enhancements and Changes**

Expand the topic below to learn more about the new online help content!

- ✓ **New Support FAQ: Connect an AWR300 Scanner**

DairyComp - Version 22.1.0

Release Date: February 4, 2022

DairyComp version 22.1.0 contains various bug fixes and improvements, including changes for PULSE, CowCare, Lely, and various DHI-related fixes. We also addressed over a dozen changes and additions requested by customers and partner support.

Expand the topics below to learn more about the updates in this release:

- ✓ **CowCare**
- ✓ **PULSE**
- ✓ **Integrations**
- ✓ **Web Updater**
- ✓ **General Enhancements and Changes**

Expand these additional topics to browse new online help content!

- ✓ **New Support FAQ: Troubleshoot Start-Up Errors**

DairyComp - Version 21.12.0

Release Date: January 4, 2022

This update is primarily a maintenance release. We've continued to update CowCare and various vendor integrations and improve PULSE integration. We've also made miscellaneous improvements and bug fixes in the main program.

We are completing the final work on the new non-Java Web Updater, which is supported in this version (but is not yet the default).

In the upcoming quarter we will continue to improve the Lely integration, and Cowfile 9 will undergo a thorough beta testing phase. We will also continue to handle various requests from customers and support.

Expand the topics below to learn more about the updates in this release:

- ✓ **CowCare**
- ✓ **PCC**

- ✓ **PULSE**
- ✓ **Integrations**
- ✓ **Genomics**
- ✓ **General Enhancements and Changes**

Expand these additional topics to browse new online help content!

- ✓ **New Support FAQ: Find Unused Animal ID Numbers**

DairyComp - Version 21.11.0

Release Date: 12/14/21

This update contains some continuing work on CowCare, Embryo Transfers, and miscellaneous changes and bug fixes. As always, we continue to work on PULSE integration issues as they arise.

Finally, we've spent a lot of time completing the final work on the new non-Java Web Updater which is being tested in this version.

Expand the topics below to learn more about the updates in this release:

- ✓ **CowCare**
- ✓ **PCC**
- ✓ **PULSE**
- ✓ **Sires**
- ✓ **General Enhancements and Changes**

Expand these additional topics to browse new online help content!

- ✓ **New! Get Started Help Content**
- ✓ **New! Vet Procedures Help Content**
- ✓ **New Support FAQ: Remove DNB Event**
- ✓ **New Support FAQ: View Energy Corrected Milk Values**
- ✓ **New Support FAQ: Common Terms and Commands**

DairyComp - Version 21.10.0

Release Date: 11/10/21

For this update, the focus was on making continued improvements to CowCare, Embryo Transfer handling, and importing the genomics files. And while we continue to work on PULSE integration, we've also been working hard to make updating to new releases of DairyComp easier in the future.

Finally, we fixed some bugs and added features requested by customers.

In our next release, we'll have a long-awaited replacement for the aging Java web updater.

- ✓ **CowCare**
- ✓ **Embryo Transfer**
- ✓ **Pulse**

- ✓ **General Enhancements and Changes**
- ✓ **New Reports Help!**
- ✓ **New FAQ: Add a Treatment Protocol**
- ✓ **New FAQ: Toggle Auto Print**
- ✓ **New FAQ: Assign Tech Team to Events**

DairyComp - Version 21.9.0

Release Date: 10/13/21

This release contains many changes across the program, with numerous improvements and bug fixes. A lot of work was also done with CowCare.

For PULSE Platform, issues were fixed regarding the FRESH date, as well as some CAR code improvements. Also, we continue to work with the PULSE Platform team to improve the DairyComp to PULSE Platform integration.

Some things with the genomics imports have been fixed and enhanced, including setting (or sometimes *not* setting) DID, MGSID, and other items based on the incoming data, and we made it easier to see these changes.

Also, we are working on improving the Embryo Transfer process, addressing needs for both DairyComp and PULSE Platform.

Finally, as always, we've made many improvements and bug fixes based on requests from customers and the support team.

- ✓ **CowCare Enhancements and Changes**
- ✓ **PULSE Platform Changes**
- ✓ **Genomics Changes**
- ✓ **Pocket CowCard Changes**
- ✓ **General Enhancements and Changes**
- ✓ **New FAQ: Find Your DairyComp Account and Serial Numbers**
- ✓ **New Help Topic: CowCards**
- ✓ **New FAQ: Clear CHECK Status**

DairyComp - Version 21.8.0

Release Date: 08/31/21

This release includes significant improvements to CowCare and the PULSE Platform integration, hooks for future embryo transfer capabilities, and overall program performance enhancements. This release also contains several integrations, dozens of bug fixes, and features based on customer requests.

- ✓ **CowCare Enhancements and Changes**
- ✓ **Cultures Enhancements**
- ✓ **Embryo Transfer Enhancements**
- ✓ **PULSE Platform Changes**
- ✓ **Pocket CowCard Enhancements**

- ✓ **Integrations Enhancements and Changes**
- ✓ **General Enhancements and Changes**
- ✓ **New Help Topic: Reproduction Codes**
- ✓ **New FAQ: Set Animal Breed**

DairyComp - Version 21.7.0

Release Date: 07/28/21

This release concentrates on bug fixes and feature requests that had been backing up, as well as some important improvements in CowCare, PULSE Platform integration, and speeding up DairyComp overall.

- ✓ **Performance Enhancements**
- ✓ **Data Integrity and PULSE Platform**
- ✓ **CowCare Enhancements**
- ✓ **Other Fixes and Improvements**

DairyComp - Version 21.6.0

Release Date: 06/28/21

This release primarily addresses several maintenance issues involved in synchronizing DairyComp with the PULSE Platform. Significant improvements have been made in keeping data between DairyComp and PULSE Platform properly matched. These improvements and fixes are listed below.

- ✓ **DairyComp Base Program Changes**
- ✓ **PULSE Platform Changes**
- ✓ **CowCare Enhancements**
- ✓ **New! CowVal Help Content**
- ✓ **New! CowCare Help Content**
- ✓ **New FAQ: Manage Disposal Codes**
- ✓ **New FAQ: Fix Client/Server Communication Problems**
- ✓ **New FAQ: Fix a FRESH Event**
- ✓ **New Help Topic: Customize the Menu**
- ✓ **New Help Topic: Generate Reports**

DairyComp - Version 21.5.0

Release Date: 05/25/21

- ✓ **General Enhancements**
- ✓ **PULSE Platform Enhancements**
- ✓ **CowCare Enhancements**
- ✓ **Integrations Enhancements**

- ✓ Pocket CowCard Enhancements
- ✓ Bug Fixes
- ✓ New Help Topic: Pen Management
- ✓ New FAQ: Add Test Day Data
- ✓ New FAQ: Managing DairyComp User Accounts
- ✓ New FAQ: Load EIDs into the EID Manager
- ✓ New FAQ: Change Font in Printed Reports

DairyComp - Version 21.4.0

Release Date: 04/08/21

- ✓ General Enhancements
- ✓ Bug Fixes
- ✓ New FAQ: How to Run a Report from the Menu
- ✓ New FAQ: Working with Backups
- ✓ New FAQ: Edit Sire Info

DairyComp - Version 21.3.0

Release Date: 03/15/21

- ✓ General Enhancements
- ✓ CowCare Enhancements
- ✓ PULSE Platform Enhancements
- ✓ Bug Fixes
- ✓ New FAQ: How to Add Commands to the Menu
- ✓ New FAQ: How to Add New Events to DairyComp
- ✓ New FAQ: How to Set up Pen Capacity
- ✓ New FAQ: How to Refresh a DairyComp Client
- ✓ New FAQ: Confirm that DairyComp is Backing Up to the Cloud

DairyComp - Version 21.2.0

Release Date: 01/27/21

- ✓ General Enhancements
- ✓ CowCare Enhancement
- ✓ Lely Integration Enhancements
- ✓ Enhancements for Bull Records
- ✓ New FAQ: How to Delete a Test Date

- ✓ Bug Fixes

DairyComp - Version 20.11.0

Release Date: 01/04/21

- ✓ Genomics Enhancements
- ✓ Bug Fixes
- ✓ New FAQ: How Do I Restore the Record for a Sold or Died Animal?

DairyComp - Version 20.10.0

Release Date: 11/11/20

- ✓ CowCare Enhancements
- ✓ Other Enhancements
- ✓ Bug Fixes
- ✓ New DairyComp Online Help!

DairyComp - Version 20.9.0

Release Date: 10/08/20

- ✓ Enhancements
- ✓ Bug Fixes

DairyComp - Version 20.8.0

Release Date: 09/08/20

- ✓ New Feature! CowVal 1.5
- ✓ Enhancement: Ability to Change CowCare Drug Names
- ✓ Bug Fixes

For release notes prior to August 2020, please see the following pages on the VAS website:

- [DairyComp Release Notes Archive](#)
- [Pocket CowCard Release Notes Archive](#)

3. Guided Journeys

Welcome to VAS Guided Journeys— self-paced learning paths designed to help you get the most out of your VAS products.

What Are Journeys?

Each journey is a structured series of short guides that walks you through a specific workflow or skill area, from setup to daily use. Guides within each journey are designed to build on each other, but you're free to jump to whatever is most relevant to you.

Each journey lists any prerequisites or assumed knowledge at the start, so you'll know before you begin if there's anything you should be familiar with first.

Available Journeys

 **NOTE:** Guided Journeys are a new feature within the VAS Help Docs. Please check back regularly, as additional Guided Journeys will be added over time.

Journey	Who It's For	What You'll Learn
Breeding User Journey	Breeding technicians and herd managers	Set up a breeding program, enter BRED events across all platforms, manage semen inventory, and analyze reproductive performance

How Journeys Work

- **Self-paced.** Each guide takes about 5–15 minutes. Complete them on your schedule.
- **Flexible.** Start with the journey that matches your role or the skill you need. Within a journey, guides are ordered to build on each other, but you can skip to what's relevant.
- **Hands-on.** Follow along in the software as you go — the best way to learn is to do it.
- **Look for the callouts.** Throughout the guides you'll find  tips,  important warnings, and  links to deeper documentation.

Not Sure Where to Start?

If you're **new to DairyComp**, start with the **DairyComp Installation Journey**.

If you're **already up and running** and want to learn a specific workflow, pick the journey that matches your role.

3.1. DairyComp Onboarding Journey

Welcome to the **DairyComp Onboarding Journey**, a *step-by-step learning path for new DairyComp users*. Whether you're exploring DairyComp for the first time or joining a farm that already uses it, this journey walks you through each phase of your installation and onboarding.

By the end of this journey, you will:

1. Understand the key terms, tools, and layout of DairyComp before your Go-Live Day.
2. Know what to expect and how to prepare for Go-Live Day.
3. Build confidence with the Command Line, SETUP, ALTER, reporting, and mobile solutions.
4. Know where to find help and what comes after onboarding.

Who This Is For

This journey is designed for:

- New customers getting DairyComp for the first time
- New users joining a farm that already uses DairyComp

Before You Begin

- You've purchased a DairyComp license and are in contact with your local sales representative or Farm Performance Consultant (FPC).
- You have been completed the site survey with your install technician.
- DairyComp has been installed on your computer with a demo herd.

Your Learning Path

This journey is organized into four phases. Progress through them in order, as each guide is designed to build your familiarity with DairyComp based on your current stage in the installation process.

Phase	Overview
Pre-Install	The Pre-Install phase of the DairyComp installation process spans the time from completing the site survey with your install technician to your Go-Live Day. This phase is designed to introduce you to the basics of DairyComp, helping ensure a smooth and successful transition on your Go-Live Day.
Go-Live Day	This phase was added to provide an overview of your Go-Live Day by detailing what to expect from your install technician and how to prepare.
Active Onboarding	Active Onboarding is the period following your Go-Live Day, typically lasting about four weeks. During this phase, users will continue to work with their install technician while working at their own pace to complete the Active Onboarding guide.
End of Onboarding	This phase provides guidance for continuing your learning journey and for transitioning over to regular support channels after completing Active Onboarding with your install technician.

How to Use This Journey

- **Work at your own pace.** Each guide takes roughly 5–15 minutes to read through.

- **Follow the order.** The guides are sequenced so that each one is reflective of your current stage in the install process.
- **Practice as you go.** Follow along with DairyComp open so you have a visual reference as you work through the guides, and practice as you go.
- **Phase 3 is flexible.** The Active Onboarding guides can be explored in any order. Focus on the topics most relevant to your daily work first.

We hope you find this journey helpful during your transition over to DairyComp!

3.1.1. Pre-Install Phase

During the Pre-Install phase, your install technician is converting your dairy's data — which means this is the perfect time to start learning the basics of DairyComp on your own.

This phase has two parts:

1. Work with your install technician to complete the site survey if not already completed. The site survey is use to build a cowfile tailored to your farm.
2. Familiarize yourself with the fundamentals of DairyComp so you have a solid foundation before Go-Live Day.

 **NOTE:** The DairyComp fundamental topics included in the Pre-Install Phase are appropriate for any new user, even if the farm is a long-time user of DairyComp.

DairyComp Demo Herd

Your install technician will install DairyComp with a demo herd prior to your Go-Live Day. The demo herd can be used during the Pre-Install Phase to practice navigating DairyComp.

Fundamental Topics

Before your Go-Live Day, focus on these three fundamental topics:

- **Top 10 key terms.** These are generic terms commonly used when speaking about DairyComp.
- **Six key topics.** These are the six key topics requested by our install team that new users should familiarize themselves with during the Pre-Install Phase. Navigating these topics will also help you become more familiar with the Help-Docs.
- **Help sources.** While it is important to work with your install technician during this phase, it's also very important to know the available sources for help.

Top 10 Terms to Know

Term	Definition
CowCard	The CowCard is an animal's record in DairyComp, capturing key details such as birth date, sire, breeding status, health, and production. It serves as the foundation for all reports and can be customized to display and organize information as needed. Click here to learn more: CowCards
CowFile	The main database that stores your current herd data.
Item	Items are data points about an animal and classified as either stored or calculated. Stored items such as cattle breed, pen number, lactation number, etc. are fixed. Calculated items are derived from other items or Events. For example, days-in-milk (DIM) is calculated from the FRESH event date. Click here to learn more: Introduction to ITEMS
Events	Events are specific, chronological actions or occurrences related to an animal within DC305. They are the building blocks of an animal's history, from freshening and breeding to health treatments and sales. Events are stored in the order of their occurrence and drive all herd-level reports and analysis. Click here to learn more about Events: Events
Command	A command is simply a set of instructions that tells DairyComp what to do. It can be a single word called a Command Verb , or a detailed string of customized instructions. Commands let you create work lists, generate reports, load milk weights, enroll cows into sync or vaccine programs, and much more.
Command Line	The Command Line is the white bar near the top of the DairyComp home screen, just below the main toolbar. From here, you can enter a cow ID to open her CowCard, record data, or write commands on the fly. It's one of the most powerful tools in DairyComp for quick access to almost anything you need. Click here to learn more: Command Line
DC Server	This is the main DairyComp operating computer, where you can create new Commands, Items, Events, and other configurations that cannot be created on a DairyComp Client or DairyComp Shadow (read-only version).
DC Client	A DairyComp version that connects to the DairyComp Server and allows data entry and data viewing, but does not permit creating new Commands, Items, Events, or other system configurations.
Switches	Switches are letters, numbers and symbols added to the end of a command to define special tasks, create short cuts and help with reporting. Click here for more information on Command switches: Tips for Using the Command Line
Refresh	The process of exchanging, or updating data, between the DairyComp Server, DairyComp Client, DairyComp Shadow, Pocket CowCard (PCC) and/or VAS PULSE Platform.

⚠ IMPORTANT: The **DairyComp Server** must remain running, as scheduled tasks will not execute when DairyComp is closed. If it is turned off, cow enrollments, data imports (milk weights/activity), and client updates may not execute correctly.

Six Key Topics

The Help-Docs contain two very helpful DairyComp resources, **Getting Started with DairyComp** and the **DairyComp Reference Guide**. The links below will guide you to six key topics.

1. [Main Display Area](#) (Getting Started with DairyComp): This guide will teach you the six primary components of the DairyComp "home page".

2. [CowCards](#) (DairyComp Reference Guide): This guide will teach you how to view the CowCards, actions available, tips, editing and printing CowCards.
3. [Items Tabs](#) (DairyComp Reference Guide): This guide will teach you the difference between Stored and Calculated items and how to customize what items are displayed under each CowCard tab.
4. [Events](#) (DairyComp Reference Guide): This guide will teach you not only what an event is, but how to view, manage and enter events.
5. [Changing the Date in DairyComp](#) (Getting Started with DairyComp): This guide will teach you how to set the date forward and backwards, along with how to recognize when the DairyComp date is not set to today's date.
6. [Held Scheduled Tasks](#) (DairyComp Reference Guide): This guide will teach you how to identify when scheduled tasks are held, why this is important and how to resolve them.

Help Sources

 **NOTE:** During the Pre-install and Active Onboarding phases, we recommend reaching out to your install technician for assistance, as they possess a comprehensive understanding of your current cowfile.

Online Help-Docs access points

1. Direct online access: <https://help.vas.com/help>
2. Access from **DairyComp**:
 - Under the Help tab, select "DC305 Online Help"
 - Click anywhere you see a 
3. Access from **VAS PULSE Platform**:
 - Click on the question mark  located in the top right corner next to the username.
 - Click anywhere you see "Need help with...."

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**

3.1.2. Go-Live Day

The **Go-Live Day** is often the most important day in your installation journey, as this is when your install technician loads your dairy's data into DairyComp. On this day, your technician focuses on achieving three key objectives:

1. Validate converted data against previous software.
2. Ensure the new customers are comfortable with all essential functions and workflows in DairyComp 305.
3. Complete initial training.

 **NOTE:** This is a very important day and may require several hours of your time. It's best to schedule the Go-Live Day on a less busy day of the week. Be prepared to dedicate up to 1-4 hours per day during the first week after the Go-Live Day.

Your Install Technician Will:

- Reach out to you to schedule your Go-Live Day.
- Begin the day by adding your herd data into DairyComp (this step will only take a few minutes).
- Teach you how to enter new events (FRESH, BRED, etc.) recorded after the data was received for conversion, especially if your data was converted from an STF file created after your last test day. This is a great time to practice data entry!
- Lead the process for validating your herd data. If you are using another herd management software, expect to spend time comparing cow data between the two programs.
- Review with you how to open, close, restart and navigate around DairyComp.
- Lead the process for validating your daily work lists for sync shots, vaccines, vet checks, etc. If you are using another herd management software, expect to spend time comparing work lists between the two programs. This task may be spread out over several days, depending on when lists are needed.

How to Prepare

- Adjust work schedule(s) as needed to allow for the owner and/or the herd manager to spend 1-4 hours working with your install technician.
- Have a list of recent events available for entry: FRESH, BRED, PREG, DRY, health treatments, etc.
- Print off daily worklists from your current herd management software for sync shots, vaccine shots, vet checks, etc. as these lists will be used to validate the new DairyComp worklists.

End-of-Day Checklist

- ☐ Feel confident the cow data in DairyComp is correct.
- ☐ Know how to look up cow data.
- ☐ Know how to make basic entries: FRESH, BRED, PREG, DRY and health treatments.
- ☐ Know where to find your daily worklists for sync shots, vaccines, vet checks, etc.

3.1.3. Active Onboarding Phase

The Active Onboarding phase begins after your Go-Live Day and typically lasts about four weeks. During this time, your install technician will finalize your system setup — connecting interfaces, configuring enrollments, and addressing any issues that come up. Meanwhile, the guides below will help you build confidence with the core tools you'll use every day.

 **NOTE:** If you haven't completed the [Pre-Install Phase](#) and [Go-Live Day](#) yet, you can still start exploring these guides. The topics here are valuable for anyone new to DairyComp.

Guides in This Phase

Guide	What You'll Explore
The Command Line	What it is, where to find it, and what to do if it's greyed out.
Held Scheduled Tasks	What are held scheduled tasks, how to identify and fix them.
SETUP Options	Display preferences, printer settings, codes, and menu customization.
ALTER Options	Five commonly used options for customizing DairyComp.
Analysis Tools	Exposes users to the GUIDE command and eight key analysis tools for herd management decisions.
Mobile Solutions	Pocket CowCard vs. DC on Mobile — features, hardware, and training resources.
VAS PULSE Platform	The cloud-based companion to DairyComp — key features and getting started guides.

How to Approach This Phase

These guides can be explored in any order. Start with whatever is most relevant to your daily work; you can always come back to finish the rest later.

3.1.3.1. The Command Line

In This Guide, You Will:

- Learn what the Command Line is and where to find it
- Know what to do if the Command Line is greyed out
- Find the resources for learning how to build commands

The Command Line

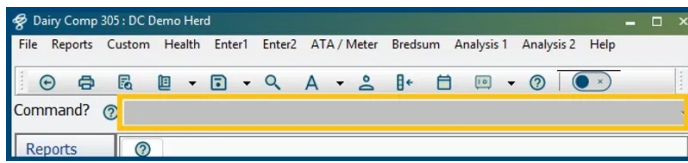
The Command Line is the feature that sets DairyComp apart from other herd management software. It gives you quick access to individual CowCards, data entry, reports, and more.



The command line is highlighted in yellow

Greyed Out Command Line

If the command line is greyed out, press [esc] or select the command line so it turns white and you see the cursor flashing. A greyed-out command line will not allow tasks to run, Pocket CowCard to refresh, etc. See the example picture below.

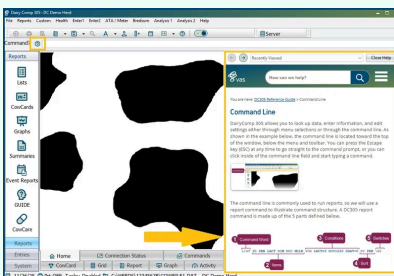


Creating a Command

The Command Line Guide is found under the DairyComp Reference Guide. See [Command Line guide](#) to learn more about:

- The command line structure
- Command verbs
- Adding items
- Adding conditions
- The optional sort feature
- Command Switches

 **TIP:** Reach the **Command Line guide** directly from DairyComp by clicking on the question mark  located to the left of the command line.



3.1.3.2. Held Scheduled Tasks

In This Guide, You Will Learn:

- What held scheduled tasks are and how they affect operations
- How to identify when a task is held
- How to fix a held task

What are Held Scheduled Tasks?

Held tasks are scheduled processes in DairyComp that did not run at their planned time.

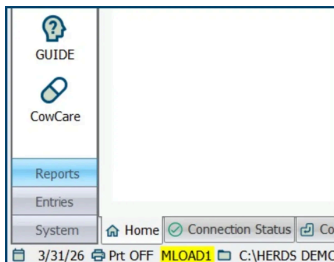
- DairyComp performs many automated functions throughout the day—such as loading milk weights, transferring data, creating backups, and other essential operations.
- If DairyComp is busy when a task is scheduled to run, that task may be placed on hold. When this happens, it needs to be reviewed and run manually to keep data and workflows current.

 **IMPORTANT:** Ensure employees check for held tasks before starting their day.

Identify Held Scheduled Tasks

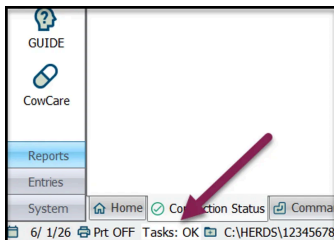
Look for a yellow-highlighted task name displayed in the bottom-left corner of DairyComp.

In the picture below, MLOAD1 is held and DairyComp has not loaded milk weights for milking one.



Milking one (MLOAD1) is held and DairyComp has not loaded milk weights.

DairyComp will display "**Tasks: OK**" when there are no held tasks and all tasks are on schedule.



Tasks: OK - Indicates there are no held tasks.

 Click here to learn how to add scheduled tasks in DairyComp: [Add Tasks to the Task Scheduler](#)

How to Fix Held Tasks

Double-Click on the yellow task name to run it. Repeat for each held task until DairyComp displays **Tasks: OK**.

⚠ IMPORTANT: Call Support if scheduled tasks have been held for more than a day. Use the steps below to determine when a task was scheduled to run:

- Type **ALTER\6** on the Command Line to open the Scheduled Tasks menu.
- Search for the **task name** that is held.
- Look at the **Next Date** column to see when the task is scheduled to run next.
- If the Next Date is a previous date, call DairyComp Support for assistance as some tasks are built for a specific day-of-week.

For example, a sync enrollment task scheduled to run on Mondays, will enroll zero cows if it runs on Tuesday.

Video Reference for Held Scheduled Tasks:

This video provides a visual reference for handling two held scheduled tasks.



Video Reference for Determining the Scheduled Date:

This video provides a visual reference for determining the date a held scheduled task was scheduled to run on using ALTER\6.



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

3.1.3.3. SETUP Options

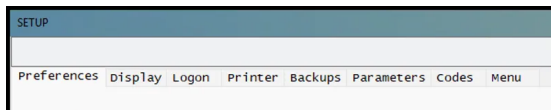
In This Guide, You Will Learn:

- SETUP options available for adjustment and which options should not be adjusted
- Customization options under the Preferences and Parameters tabs
- Printer settings
- Disposal and repro codes, plus quarter remark prompts
- Customizing Drop-Down menus

 **NOTE:** Most **SETUP** functions will be completed by the install technician.

SETUP is a command verb used for adjusting display and print preferences, setting automatic backup preferences, customizing dropdown menus and user preferences with various parameters and codes.

 Type **SETUP** on the command line to see the SETUP options shown below.



SETUP Options

Preferences Tab

The Preferences tab has several important settings:

1. **Activity Logs:** Adjust the number of days DairyComp will save activity logs for. The default is 365 days. You can lower this, but if you do, you may lose the ability to troubleshoot issues or track who changed what — so we recommend keeping it at 365 or higher.
2. **International ID Format:** This allows you to choose how to display the international IDs items (EID, RFID, REG).
 - 2 Character: **US**003251234567
 - 3 Character: **USA**003251234567
 - Numeric: **840**003251234567
3. **CowCard Sire Click:** When a sire item, such as SID, is displayed on a CowCard users have two options to choose from:
 - **Show Sire Info:** When clicking on a sire item displayed on a CowCard, DairyComp will display the sire information.
 - **Edit Sire Item:** When clicking on a sire item displayed on a CowCard, DairyComp will prompt you to change the item value.
4. **Create Move Event if Pen Changes.** Located under the Misc. box, any time a pen number is changed, DairyComp will automatically create a MOVE event when this setting is checked.

Printer Tab

Under the Printer tab you can change:

- The **default printer**
- **Normal Printer Fonts:** The font style and size set here are for all standard lists (SHOW and LIST commands) in DairyComp.
- **Compressed Print Font:** Any lists (SHOW and LIST commands) using the **IC** switch will use the font style and size set under the Compressed Print Font.

TIPS:

- Use the **Preview** option located under the **File** dropdown menu to preview a list after changing the font style and size.
- Check other commonly used lists to confirm the changes did not cause columns to print incorrectly.

Parameters Tab

The **Key** box allows users to customize data entry "warnings" in DairyComp. For example, a warning if a FRESH event is being entered on a cow that has been dry for less than 30 days. These warnings can help prevent accidental data entry errors. Click on the current value to change it.

Key	Value
FRESH warning if days dry < value	30
FRESH warning if age < value (months)	19
BRED warning if age < value (months)	12
"1" for FRESH warning when cow is not dry	0
Minimum DIM to enter FRESH	220
warning for low DCC value in FRESH	270
warning for high DCC value in FRESH	295
Open Cow minimum DIM in FRESH	180
ABORT DCC length for starting new lact	152
Minimum DSLH else warning in PREG	15
Minimum DIM else warning in BRED	21
Minimum DCC to allow FRESH	0

Customize data entry warnings

IMPORTANT: Under the Parameters tab, the **DCSETUP.TXT** section is for **Support use only**.

Codes Tab

The Codes tab serves as a nice reference for the following codes:

- **Disposal Codes** are the reason an animal left the herd. This is helpful for analyzing why animals were sold. **Do not alter codes 1-9**, but you can add additional codes (reasons) if needed.

Found under the DairyComp FAQs, use these two links to learn more about disposal codes:

- [Manage Disposal Codes](#)
- [Change CAR Codes](#)

- **Repro Codes** displays the reproduction descriptions (RPRO) that are assigned based on an animal's current reproductive code (RC). For example, RC=5 is for PREG animals (RC=5, RPRO=PREG). This serves as a reference if needing to remember how the codes are assigned as RC codes are often used in commands. For example: SHOW ID FOR RC=5 will only show pregnant animals.

Found under the DairyComp Reference Guide, use this link to learn more about [Reproductive Codes](#)

IMPORTANT: Do not change the code descriptions on the Codes page. Doing so may create unintended errors and make them difficult to troubleshoot.

- **Quarter Remark Prompts** can be adjusted to your personal preference as some farms may use different letters to identify a quarter. For example, LH (left hind) may be used by one farm, whereas LR (left rear) may be used by another. **It's important to keep the quarters listed in this order though: LH;LF;RH;RF**

TIP: Add **QQ** to a protocol to prompt for the quarter entry. Also use QQ with a LAME event entry to record which foot was treated.

Description	SPECTRA 3-day
Event	29 MAST
Default Remark	SLC3QQ
Prompt for remark Y/N	Y
Destination Pen	33



Add QQ to protocols for quarter prompting

Menu Tab

This tab may be the most useful SETUP feature as it allows you to fully customize your drop-down menus. Add commonly used worklists, reports, entry options, etc. here to make tasks easier and well organized.

Found under the DairyComp Reference Guide, follow this link to review the Menu Customization Guide: [Menu Customization](#)

IMPORTANT: DairyComp Client computers may use their own customized menus that differ from the DairyComp Server. Enter SERVER\3 on the DairyComp Server command line to check the setting shown below. If the box is currently unchecked, the DairyComp Server will override any customization of DairyComp Client menu if it becomes checked.

☐ Send Server menu to clients
☐ Send custom CarCode+VEnter Keys to clients
☐ Optimize Multi-Client Refreshes

Option to send Server menus to clients

3.1.3.4. ALTER Options

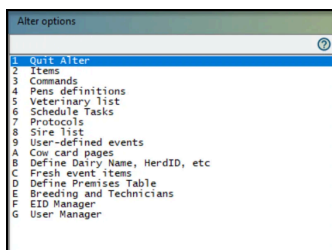
In this Guide, You Will Learn:

- What ALTER is and what it's used for
- Five commonly used ALTER options
- Where to learn more about each option

ALTER Overview

ALTER is a command verb used to display the menu shown below for accessing multiple options allowing you to customize DairyComp.

 Type ALTER on the DairyComp Server computer's Command Line to bring up the menu shown below.



ALTER menu

Found under the DairyComp Reference Guide, **ALTER Overview** is the perfect place to get started learning about ALTER before reviewing the five commonly used ALTER options. Follow this link to get started: [ALTER Overview](#)

Commonly Used ALTER Options

Found under the DairyComp Reference Guide, the links below were selected to help guide you through some of the most commonly used ALTER options.

ALTER	Description
ALTER2: Item Definitions	Learn how to view all items currently configured in DairyComp and perform essential item management tasks, including creating, modifying, deleting, and renaming items.
ALTER3: Command Abbreviations	Learn what command abbreviations are and how to create, modify, or delete them within DairyComp.
ALTER4: Pens	Learn how to manage DairyComp pens, view historical pen inventory, and perform key pen management tasks such as creating, deleting, renaming, and modifying pen settings.
ALTER7: Protocols	Learn about treatment protocol management, providing guidance on how to create, update, and maintain protocols within DairyComp.
ALTER9: Events	Learn about managing DairyComp events, including how to create, update, and delete events to support your herd management workflows.

 **TIP:** Want to learn more about other **ALTER** options? Navigate to the DairyComp Reference Guide or type **ALTER** in the Help-Doc search bar.

3.1.3.5. Analysis Tools

In This Guide, You Will Learn:

- What the GUIDE command is and why it's useful
- Eight key analysis tools available in DairyComp and PULSE

Overview

Now that you're comfortable navigating DairyComp and entering data, it's time to start using the tools that help you make sense of that data. DairyComp and PULSE offer a range of analysis tools for tracking reproduction, health, production, and more.

 **TIP:** This portion of the journey contains several important guides. Feel free to work at your own pace and pick out the guides that may be most relevant to your dairy. The key takeaway here is to know what options are available as you can always come back later to finish.

GUIDE

GUIDE is a command every new user should know. It lets you access reports and analysis tools through a menu-based interface — no command syntax required.

 Enter **GUIDE** on the command line to access the following topics.

GUIDE Topics	Analysis Topics
Data Checks	Current and historical data checks
Overview Reports	Demographics by lactation groups Adult reproduction, transition, mastitis and production Replacement reproduction, and diseases
Reproduction	Animals in potential need of attention Insemination activity Other reproductive Event patterns Reproductive data analytical reports
Transition	Diseases and conditions Calving and calf status First test day milk, fat, protein and SCC Dry off SCC and change over the dry period
Mastitis	Historical analysis Somatic cell counts (SCC) changes Fresh cow SCC Clinical mastitis Culling for mastitis
Production	Test day milk production Test day ME milk production Test day fats and protein analysis
Lameness	Prevention/ trimming by calendar date and DIM Incidence reporting
Parlor	Parlor summary reporting Historical parlor performance Daily individual total production and deviations Weekly average distributions by DIM, lactation number and pen number
Replacements	General data checks Replacement inventory Sales and deaths Diseases (scours, pneumonia, navel, misc.) Reproduction

 **TIP:** Follow this link to being learning more about GUIDE: [Use the GUIDE Commands!](#)

Eight Key Analysis Tools

The following guides expose user to key analysis tools. Each link also references the guide's location in the Help-Docs, allowing you to become more familiar with where information is stored.

Reproduction

[BREDSUM](#) (DairyComp Reference Guide): Analyze breeding performance (conception rates, technician comparisons, sires, trends etc.)

[Reproduction Insights](#) (Dairy - Insights): Track cow and heifer reproduction in PULSE

Visualization

[EGRAPH](#) (DairyComp FAQs): Visualize event distribution

[GRAPH](#) (DairyComp FAQs): Visualize item distribution

[EPLOT](#) (DairyComp FAQs): Visualize historical measurements over time

[PLOT](#) (DairyComp FAQs): Visualize test day performance trends

Other

[EVENTS Command](#) (DairyComp Reference Guide): View and analyze event history

[ECON\IR](#) (PULSE - Manage Your Herd): Projected herd inventory and production

3.1.3.6. Mobile Solutions

In This Guide, You Will Learn:

- An introduction to the two types of mobile solutions
- Recommended hardware
- Guided journeys for Pocket CowCard and DC on Mobile

Mobile solutions let you access worklists and enter data cow-side. Common uses include:

- Vet Check list
- Hospital list
- Vaccine list
- Cow movements
- Genomic sampling
- Batch entries (PCC only)

Types of Mobile Solutions

1. Pocket CowCard (PCC):

- The original mobile device solution.
- Communicates with a DairyComp Server or DairyComp Client (wi-fi required).
- Available only with Android devices.
- Pairs with an RFID reader (wand) for scanning cows.
- Allows for Expert Batch entries (all cows get the same entry).

2. DC on Mobile:

- Communicates with VAS PULSE Platform.
- Available with Android and iOS devices.
- VAS PULSE Platform is required.
- Pairs with an RFID reader (wand) for scanning cows.

Recommended Hardware

Current recommended devices change over time as new Android and iOS updates are released, and as older versions are no longer supported. Before buying a new device, it's important to reference the current recommended specifications.

 Follow this link to view current device specifications on VAS's website: <https://vas.com/technology-specifications/>

Guided Journeys for Using Mobile Solutions

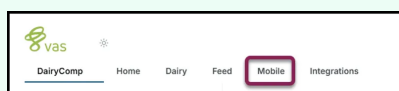
The following guides were selected to provide new users with an overview of each mobile solution and to become more familiar key features and tasks.

 **TIP:** This portion of the journey contains several important guides. Feel free to work at your own pace and pick out the guides that may be most relevant to your dairy. The key take away here is to know what options are available as you can always come back later to finish.

Pocket CowCard Links	Descriptions
Pocket CowCard Overview	This guide covers nearly all aspects of Pocket CowCard, from setup and configuration to commands, worklists, and animal management. While most of the links below are included in this guide, they are listed separately for quick access.
Connect a Scanner to PCC	Learn how to connect Allflex and Tru-Test scanners to Pocket CowCard.
Enable Item Entry in PCC	Learn how to enter item values directly from the Items tab in Pocket CowCard.
Create a New PCC Command in DC305	Learn how to create mobile worklists in DairyComp for use with Pocket CowCard.
Merge Worklists in PCC	Learn how to merge multiple worklists, such as a vet list with a to-do list, to complete several tasks at once.
Move All Animals to a New Pen in PCC	Learn how to use a feature allowing all animals to be moved to the same pen.
Using the PCC Enhanced Vet Form	Learn how to use the enhanced vet form for faster workflow with vet checks.
Create Shortcuts for PCC Hospital Form Entry	Learn how to create customizable shortcut options so you can quickly add events or expert batch commands when using hospital forms.
Breeding Entry using PCC	Learn how to enter single and batch breeding entries into Pocket CowCard.

DC on Mobile Links	Descriptions
DC on Mobile Overview	This guide covers nearly all aspects of DC on Mobile. While most of the links below are included in this guide, they are listed separately for quick access.
Get Started with DC on Mobile	This guide will introduce DC on Mobile to new users and how to navigate the mobile app.
RFID Scanners	Learn how to pair, use and troubleshoot Allflex and Tru-Test scanners.
Complete Tasks	Learn how to use and manage hospital, vet and to-do lists using DC on Mobile.
Breeding Entry using DC on Mobile	Learn how to enter single and multiple breeding entries into DC on Mobile.

 **TIP:** Search the **Mobile** tab located in the top right corner of the Help-Docs to view additional topics for each mobile solution.



3.1.3.7. VAS PULSE Platform

In This Guide, You Will Learn:

- What is VAS PULSE Platform and its key features
- Recommended guides to become more familiar with navigating and utilizing the key features available in VAS PULSE Platform

VAS PULSE Platform Overview

VAS PULSE Platform is the cloud-based counterpart to DairyComp designed to help dairy producers, veterinarians, nutritionists, and consultants access, analyze, and share herd performance data in one place.

Key features:

- **User permissions and levels** are controlled by a person with "owner" status.
- Dedicated tabs for DairyComp, ParlorBoss, FeedComp, and WeighComp customers allowing for easy setup and analysis.
- **Insights** is a dedicated tab for:
 - Animal inventory trends
 - **HealthVAL**: Provides visibility into the diseases affecting your herd and allows you to compare your herd health events to customized benchmarking categories.
 - **Reproduction Insights**: Tracks cow and heifer reproduction across your herd and allows you to evaluate the overall success of your dairy's breeding program.
 - **Income Over Feed Cost**: Displays the profit or loss per animal per day (\$/head/day).
 - **HerdSights**: provides KPI (Key Production Indexes) dashboards including custom views of herd data to provide insights to help monitor animal health, milk production, reproduction, and farm performance.
- **Integrations Gallery**: Presents all available PULSE integrations that allow you to connect data with our partners' systems.
- **DC on Mobile (mobile app)**, provides cow side access to herd information and management tools on Android and iOS devices.



NOTE: VAS PULSE Platform should be installed during the onboarding process by your install technician.

VAS PULSE Platform guides

Follow these recommended guides to become more familiar with navigating and utilizing the key features available in VAS PULSE Platform.

Guide	Description
Log In to PULSE	How to login to PULSE and how to create an account if needed.
PULSE Overview	An overview of how PULSE is bringing together the three core pillars of the dairy (herd, feed, and production) into a single interface/platform.
PULSE Main Screen	This section describes how to find your way around the PULSE. Learn the layout and how understand the key features available.
Tips for Using PULSE	Tips on how to view animals, check Platform status, manage users and navigating PULSE.
PULSE Insights Overview	PULSE Insights offers analysis tools to help make herd management decisions related to animal health, reproduction success, and feeding efficiency.
HerdSights	HerdSights is a part of PULSE Insights designed to bring you actionable data to support your efforts to reduce feed costs and waste, keep your herd healthy, and improve milk production and quality.
PULSE Partner Integrations Overview	Learn about integrating your partner products with PULSE, allowing you to easily view your third-party product data directly in PULSE.

TIPS:

- To learn more about PULSE using the Help-Docs, search for PULSE, DC on Mobile, Insights, etc. under the Dairy tab or use the Search function.
- Use the help icons  scattered throughout VAS PULSE Platform for direct links associated with your current page .

3.1.4. End of Onboarding Phase

 **Congratulations!** You made it to the end of the onboarding phase. Before you move on, work with your install technician to confirm you're set up for success — then we'll point you toward what comes next.

Your Install Technician Will Confirm:

1. All integrations are connected and syncing.
2. Users are comfortable with their new workflows.
3. Users are aware of self-help and support resources.

Transition to New Customer Support Phase

Once you have completed the onboarding phase with your install technician, you will be transitioned to the **New Customer Support** phase.

What to expect

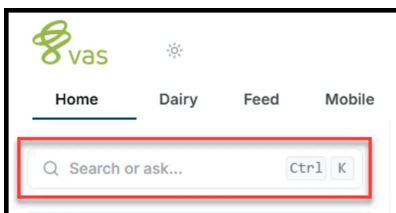
1. One month after Active Onboarding has finished, your install technician will reach out for a courtesy check-in.
2. Users will transition to receiving support through regular support channels.
3. An Install Feedback Survey will be sent out to allow new customers to provide us with valuable feedback about their onboarding journey.
4. Your local FPC or sales representative will reach out to schedule a six-month follow-up call or farm visit.

Support channels

 Click here for available support channels: [Contact Us](#)

How to Continue Your Learning Journey

1. **Guided Journeys** (located in the Help-Docs) help you explore specific topics by consolidating available resources into one easy-to-follow guide.
2. Use the **Search** feature located in the top left corner of the Help-Docs to search for topics of interest.



Search bar for the Help-Docs

3. Use the help icons  scattered throughout DairyComp for quick, easy access to the help guide linked to your current location within DairyComp.
4.  Visit **VAS.com/education** for online courses and recorded webinars.

3.2. Breeding User Journey

Welcome to the **Breeding User Journey** — a self-paced learning path for dairy professionals who manage or participate in the breeding workflow using DairyComp and its connected platforms.

Whether you're a breeding technician entering breedings in the barn, a herd manager overseeing reproductive performance, or someone who handles both — this journey will walk you through setting up your breeding program, recording breeding events, managing semen inventory, and analyzing your results.

What You'll Learn

By the end of this journey, you will be able to:

- **Configure** your breeding program — technicians, breeding codes, and sire matings.
- **Enter breeding events** across four platforms — DairyComp (desktop), Pocket CowCard (PCC), VAS PULSE Platform, and DC on Mobile
- **Read and interpret** breeding data and outcomes on the CowCard.
- **Manage semen inventory** and track straw usage with SEMINV.
- **Forecast your herd's future** using the ECON\IR projected inventory report.
- **Analyze reproductive performance** using BREDSUM and the GUIDE command.

Who This Is For

This journey is designed for:

- **Breeding technicians** entering daily breeding events from the barn, parlor, or office.
- **Herd managers** setting up breeding programs and reviewing reproductive performance.
- **Farm staff** transitioning to DairyComp from paper records or another system.

 **NOTE:** No prior experience with breeding workflows in DairyComp is required. However, even experienced DairyComp users may learn about features they did not know existed. This journey was created to guide you along!

Before You Begin

This journey assumes you have:

- **DairyComp installed and running** with an active cowfile.
- **Basic familiarity with DairyComp navigation** — you should know how to enter commands on the command line and navigate windows.
- **Access to the platforms your farm uses for data entry** — depending on your setup, this may include Pocket CowCard (PCC), VAS PULSE Platform, and/or DC on Mobile.

 **NOTE:** If you're completely new to DairyComp, begin with Getting Started with DairyComp first before beginning this journey: [Getting Started with DairyComp](#)

Your Learning Path

This journey is organized into three phases. Work through them in order — each guide builds on what came before.

Phase 1: Setup & Foundation

Before you start entering breedings, you need to configure the building blocks — the people, codes, and sire choices that DairyComp uses with every BRED event.

Guide	What You'll Do
Technicians and Breeding Codes	Add the technicians and breeding codes used in breeding entries
Matings	Set up sire choices (SIR1, SIR2, SIR3) and import mating files

Phase 2: Entering & Reading Breeding Data

Learn how to record breedings and understand what the data looks like in DairyComp. Four platforms are covered — **focus on the ones your farm uses**, but we recommend at least reviewing the DairyComp (desktop) guide since it covers core concepts that apply everywhere.

Guide	What You'll Do
Breeding Entry using DairyComp	Enter BRED events on the desktop application
Breeding Entry using PCC	Enter BRED events on Pocket CowCard — single and batch methods
Breeding Entry using VAS PULSE Platform	Enter BRED events through the web platform — single and bulk methods
Breeding Entry using DC on Mobile	Enter BRED events on the mobile app with scanner support
Understanding Breeding entries on the CowCard	Read breeding outcomes, technician numbers, and breeding codes on the CowCard

Phase 3: Inventory & Analysis

Now that breeding data is flowing into DairyComp, learn how to manage your semen inventory and measure your breeding program's effectiveness.

Guide	What You'll Do
Semen Inventory	Track semen straw counts with the SEMINV command
Future Inventory (ECON\IR)	Forecast herd size, milk production, and heifer inventory
Introduction to BREDSUM	Analyze conception rates, technician performance, and breeding trends

How to Use This Journey

- **Work at your own pace.** Each guide takes roughly 5–15 minutes to read through.
- **Follow the order.** The guides are sequenced so that each one builds on the previous. Complete Phase 1 setup before entering breeding events in Phase 2.
- **Phase 2 is flexible.** You only need to learn the entry methods for the platforms your farm actually uses. The field names vary slightly across platforms (for example, the breeding date may appear as "Breeding Date," "Date," or "EDAY"), but the required data is the same everywhere: cow ID, date, sire, technician, and breeding code.
- **Practice as you go.** Each guide includes steps you can follow in DairyComp. The best way to learn is to do it with real or test data.

🔗 Click here to get started with the first guide: [Technicians and Breeding Codes](#)

3.2.1. Technicians and Breeding Codes

In This Guide, You Will Learn:

- How to add a new technician.
- How to add a new breeding code.
- How to disable technicians.
- How to adjust the technician prompting order with the BRED event.

Technicians

Technicians are individuals who breed cows and DairyComp requires a technician entry with each **BRED** event. **BREDSUM** can then be used to evaluate each technician's conception rate, services per conception (SPC), etc.

 **NOTE:** Technicians can also be assigned to other teams, such as a hospital team or a maternity team to link the technician to a treatment or calving.

Add a New Technician

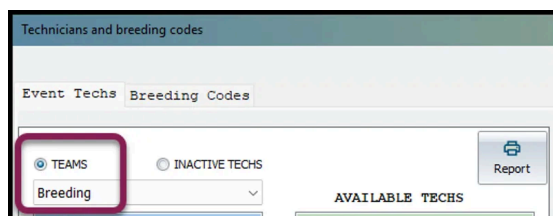
Follow these steps to add a new technician:

1. Enter **ALTER** on the command line to open the **Alter** window.
2. Select the **Breeding and Technicians** option to open the **Technicians and breeding codes** window.



Double-click Breeding and Technicians

3. Select the **[F8] Add Tech** tab (or use the [F8] function key) to enter the **Name** and **Tech Number**.
 - In the **Name** field, enter a unique name.
 - In the **Tech Number** field, enter a unique number.
4. Select **OK** to finish creating the new technician.
5. The new technician displays in the green **Available Techs** box. To make the new technician available for breeding entries:
 - Confirm the Breeding team is selected.



- Click on the new technician in the green **Available Techs** box.
- Click on the arrow pointing **left** to move the technician into the blue box.

TIPS: Adjust the **technician prompting order** associated with the BRED event entry by clicking on a technician name in the blue box and using the up or down arrows to reorganize the prompting order.

Disable a Technician

Disabling technicians no longer breeding cows helps keep data entry cleaner and easier.

Follow these steps to disable a technician:

- Confirm the Breeding team is selected as shown above.
- Click on the technician in the blue box.
- Use the **right** arrow key to move the technician back to the green **Available Techs** box.

Follow this link to learn more about [Assigning Technicians Teams to Events](#)

Breeding Codes

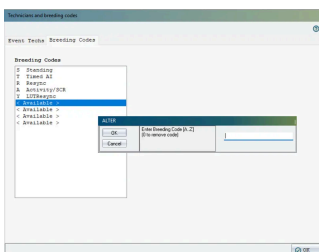
Breeding codes are used to record the different types of breeding "reasons" and a breeding code is required with the **BRED** event entry. Breeding codes are used with **BREDSUM** to help farms evaluate different breeding programs.

Breeding codes can also be customized for your dairy. Below are some common examples:

- S: Standing Heat
- A: Activity system
- D: Double Ovsynch
- R: Resync
- P: Presync/Ovsynch

Adding a New Breeding Code

1. Enter **ALTER** in the command line to open the **Alter** window.
2. Select the **Breeding and Technicians** option to open the **Technicians and breeding codes** window.
3. Select the **Breeding Codes** tab.
4. Double-click on **<available>** to add a new breeding code.
5. Add a unique, one digit letter A-Z, then click **OK** to continue.



Enter a 1 digit letter

6. Enter a **description** for the new breeding code. Click **OK** to add the new breeding code to DairyComp. The new breeding code is now available with the BRED event entry.
7. Click **OK** in the bottom right corner to exit when done.

Follow this link to learn more technicians and breeding codes for analysis: [BREDSUM Reports](#)

Video: Adding a New Technician

 **NOTE:** Use the Expand icon in the bottom right corner to see this video full screen.



Follow this link to continue with the next guide: [Matings](#)

3.2.2. Matings

In This Guide, You Will Learn:

- Why matings are important.
- How to setup and use sire choice items.
- How to import matings into DairyComp.

Matings are planned pairing of a specific sires (bull) with an individual cow, typically recommended by genetic companies using data such as production, health traits, and pedigree. The goal is to match each cow with a bull that complements her strengths and corrects her weaknesses, improving the genetic quality of the next generation

Why Matings are Important?

Effective matings help increase milk production, improve fertility and longevity, reduce genetic defects or inbreeding, and ultimately enhance herd profitability and sustainability over time.

- DairyComp tracks each animal's pedigree which is utilized by semen companies to create matings.
- Matings help keep the herd genetically diverse and healthy.
- Sire choices display with the BRED event entry.

 **NOTE:** VAS PULSE Platform can be integrated with **Alta Blue Link** and the **Genex DairySuite** to assist in genetic planning. Contact your local Alta or Genex representative or click on the links below for more information.

[Alta BlueLink Overview](#)

[GENEX DairySuite Overview](#)

Sire Choice Items

Before importing a mating, confirm sire choice items are in your DairyComp as these items are needed to store the sires in DairyComp. Typically, three items are used:

1. **SIR1:** The first sire choice.
2. **SIR2:** The second sire choice if SIR1 is not available.
3. **SIR3:** The third sire choice if SIR1 and SIR2 are not available.

 **NOTE:** Some farms may only use SIR1 while others may use four (SIR4). SIR1, SIR2 and SIR3 are most common and used as an example in this guide.

How to Confirm if These Items are in DairyComp

1. Enter **ALTER\2** on the command line.
2. Use the **Find [F9]** function key to search for SIR1, SIR2 and SIR3 individually.

Follow the next section **Add a sire choice item** if any of these items are missing.

Add a Sire Choice Item

1. Enter **ALTER\2** on the command line.
2. Select **ADD**.

3. Enter the **item name** (SIR1, SIR2 or SIR3).
4. Enter the **item type**: select #19 Bulls.
5. Enter an **item description**.
6. Select **Yes** to save.

Displaying Sire Choice Items

Once the sire choice items are setup and populated from a mating, make them visible to your team. Below are examples of where sire choice items are commonly added:

1. **Breeding list**: Adding sire choice items to the breeding list is highly recommended so breeders can easily see the sire choices.

Example: LIST ID PEN LACT DIM TBRD **SIR1 SIR2 SIR3** FOR

Follow this link to learn how to adjust a command: [ALTER3: Command Abbreviations](#)

2. **Item pages**: Adding sire choice items to the Events, Items1 or Items2 pages in DairyComp can make it easy to find the sire choices for a cow in natural heat and not on a breeding list.

Follow this link to learn how to [Customize Items in CowCards](#)

3. **Pocket CowCard (PCC)**: Add the sire choice items to Pocket CowCard so breeders can see the choices cow side. In Pocket CowCard, these items can be displayed on the Items page or in the Breeding Grid.

- **Items page**:

- Enter **SERVER\3** on the command line.
- Select the **PCC Items** tab.
- Under the **Items Page Items** box in the top left corner, double-click on **Available**, then select SIR1, SIR2 or SIR3 from the items menu.
- Left click and hold on an item to drag it up or down to a preferred location.

- **Breeding Grid**:

- Enter **SERVER\3** on the command line in DairyComp.
- Select the **PCC Entry** tab.
- Add items under **Items to display on Breeding Grid** (right center/top).
- Double-click on **Available**, then select SIR1, SIR2 or SIR3 from the items menu.

4. **VAS PULSE Platform**: Sire choice items can be added to VAS PULSE Platform for viewing the items from the Dashboard, or from **DC on Mobile**.

Follow this link to learn about managing item pages in VAS PULSE Platform: [Items](#)

Matings

Matings are files created by the semen company which contain the sire choices for each cow. These files are loaded into DairyComp using the **SIRES\M** command.

How to Import a Mating

1. Run the command **SAVE\F** first to create a backup.
2. Enter **SIRES\M** and the needed sire items on the command line.
3. Example command: **SIRES\M SIR1 SIR2 SIR3**

4. DairyComp will then prompt for the file location. Select the file and it will begin downloading into DairyComp.

 **IMPORTANT:** Running **SAVE\F** first allows Support to use a backup to restore the previous sire choices if the new mating sires look incorrect.

 **TIP:** Run **BREDSUM\S** to analyze conception rates by service sire.

 Follow this link to continue with the next guide: [Breeding Entry using DairyComp](#)

3.2.3. Breeding Entry using DairyComp

In This Guide, You Will Learn:

- What information is required with a breeding entry.
- How to enter a breeding in DairyComp.
- How to speed up entries using SIR5.

Required Information for Entry

Five key data points are required to enter a **BRED** event in DairyComp. These are important for future data analysis using **BREDSUM**.

1. **Cow number**
2. **Breeding Date**
3. **Service Sire**
4. **Technician**
5. **Breeding Code**

Entering the BRED Event in DairyComp

1. Enter **BRED** on the command line or select it from a dropdown menu.
2. Enter the cow **ID**.
3. Enter the **breeding date**.
4. Enter the **sire** of breeding or select the sire from the list that is displayed in the breeding entry box.
5. Enter the **technician** (person who bred the cow).
6. Enter the **breeding code**.
7. Enter the ID of the next cow and repeat the above steps.
8. When finished, click **OK** or enter zero to exit. DairyComp does not allow a cow ID of zero and will exit the entry when a zero is entered.

 **TIP:** If entering several cows bred with the same breeding date, sire, technician and breeding code use the * key to repeat the entry for the next ID. For example, a technician bred cows 606, 710 and 940 today to the same sire and breeding code:

1. Enter the BRED event for cow 606
2. Enter 710*
3. Enter 940*

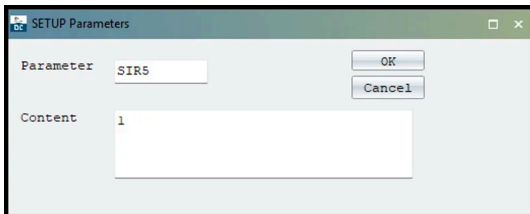
Speed Up Entries with SIR5 Setup

SIR5 setup can be used to display the last 5 sires used today for breeding entries. This helps streamline the sire choice entry.

4	Bull /Unknown	
5	Last Sire used Today	7H14382
6	Last Sire used Today	7SM84
7	Last Sire used Today	7H13302
8	Last Sire used Today	7H12948
9	Last Sire used Today	614H13666

Follow these steps:

1. Enter **SETUP** on the command line, then select the **Parameters** tab.
2. Select on **ADD**
3. Enter the Parameter: **SIR5**
4. In the Content box, enter: **1**
5. Select OK
6. Select OK (top right corner) to exit.



Follow this link to continue with the next guide: [Breeding Entry using PCC](#)

3.2.4. Breeding Entry using PCC

In This Guide, You Will Learn:

- How to enter a single BRED event.
- How to use the Breeding Grid Batch.
- How to use Quick Fill with batch entries.
- How to setup Quick Pick Sires.

Pocket CowCard (PCC) is the mobile companion to DairyComp, commonly used by technicians entering breedings cow side. PCC offers two entry methods depending on whether you're breeding one cow or a group.

Single BRED Event Entry

1. In PocketCowCard (PCC), tap on the cow number being bred.
2. Tap on **New Event** at the bottom of the screen.
3. Tap on **BRED** (usually located in the middle row near the top).
4. Enter the **Date** (date of the breeding).
5. Enter the **Tech** (breeding technician).
6. Enter the **ServSire** (service sire)
7. Enter the **BredCod** (breeding code)
8. Tap "**Accept**" when finished.

Breeding Grid Batch

1. In Pocket CowCard (PCC) tap on the **Batch** tab located at the top of the home screen.
2. Tap on **Breeding Grid Batch**.
3. Tap on the white boxes to enter the cow **ID**, **SIRE**, **BC** (breeding code) and **TC** (technician).
4. Click on **Post** when finished entering the cows being bred, or when a grid is full. Post does not send changes to DairyComp.
5. From the Home screen, tap on **Send Changes to DC305**.

 **IMPORTANT:** Send changes to DC305 **daily** to keep data current in DairyComp.

TIP: Adjust Breeding Grid Rows up to 400!

- From the Home screen in Pocket CowCard, tap on the **settings icon** in the top right corner.
- Under the **Settings** tab, scroll down to **Rows in Breeding Grid** and select the number of rows from the dropdown menu.

Quick Fill with Batch Entry

While using the Breeding Grid batch entry, users can streamline data entry by using the Quick Fill function key.

1. Enter the cow's ID in the first column.
2. Enter the SIRE, BC and TC for the first cow.
3. Tap on **Fill** to enter the same SIRE, BC and/or TC for the remaining cows.
4. Adjust any individual values that differ.

 **TIP: Fill** works well when the cows added to the breeding grid were bred to the same sire, received the same breeding code or were bred by the same technician. Users can use the **Fill** function for only one column if needed.

For example, the cows entered on the breeding grid were all bred by the same technician, but different sires and breeding codes were used. The user would only tap on **Fill** after entering the technician for the first cow.

Setting Up Quick Pick Sires

Quick Pick Sires make it easier for breeders to select the correct sire when entering the BRED event.

Follow these steps to add Quick Pick Sires:

1. Enter **SERVER\3** on the command line.
2. Click on the **PCC Entry** tab.
3. In the bottom right corner under "**Pick From**", select one of the two options.
 - **Sires List**
 - **Semen Inv. List:** Semen Inventory setup is required first to use this option.
4. Click on the sire to add from the list. You should now see it in the Breeding Quick Pick Sire List.
 - If needed, right click on a sire to remove it from the Breeding Quick Pick List.
5. Refresh Pocket CowCard (PCC) to add the changes to your device.

 Follow this link to continue with the next guide: [Breeding Entry using VAS PULSE Platform](#)

3.2.5. Breeding Entry using VAS PULSE Platform

In This Guide, You Will Learn:

- How to enter a single breeding.
- How to enter breeding in bulk.
- How data entered is synced with DairyComp.

VAS PULSE Platform is the web-based interface for DairyComp. It allows breeding entries from any device with a browser and automatically syncs data with DairyComp.

 **IMPORTANT:** A user must have **Herd Write** permissions in VAS PULSE Platform for data entry. Click here for more information: [Edit Dairy User Permissions](#)

Enter a Single Bred Event

1. Login to VAS PULSE Platform.
2. Enter the cow **ID** in the search bar located at the top of the screen.
3. Click on  located in the top right corner.
4. Click on the search bar and click on **BRED**.
5. Click on each of the four boxes to enter:
 - **EDAY** (date of breeding)
 - **Breeding Code**
 - **Technician**
 - **LSIR** (the sire used for breeding)
6. Click on **SAVE** to send the BRED event to DairyComp.

 To learn more about the following topics, click [Events](#) then select "**Add Events**":

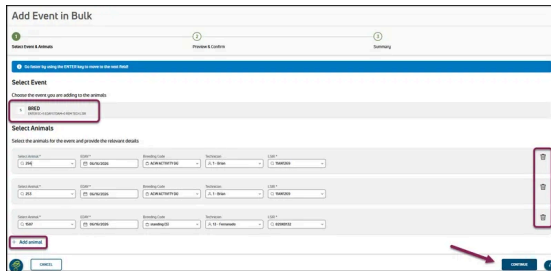
- Required user permissions
- Adding a single event
- Adding an event with unique details to multiple animals
- Adding an event with identical details to multiple animals

Add Events in Bulk

The BRED event can be added in "bulk" which greatly streamlines data entry.

1. Login to VAS PULSE Platform.
2. Select the **DairyComp** tab.
3. Select **Animals**.
4. Select **Add Event in Bulk**.
5. Under **Select Event**, select the **BRED** event.
6. Enter the first animals and the required breeding information.

7. Click on **Add animal**.
8. Enter the second animal and the previous entry data will automatically populate.
9. Adjust any breeding data if needed or click on the trash can to delete an entry.
10. When finished, click on **Continue** in the bottom right corner.
11. Review the data entered.
12. Unselect any that should not be sent to DairyComp.
13. When finished, click on **Add Event to # Animals** in the bottom right corner. This will send the BRED event to DairyComp.



TIP: To verify entries, go to the **Dairy** tab and select **Change Log**. This shows a history of all data changes, similar to the activity log in DairyComp.

Sending Entries to DairyComp

VAS PULSE Platform will automatically send any entries to DairyComp. The BRED event will display in VAS PULSE Platform after DairyComp receives the BRED event and sends new entries back to VAS PULSE Platform.

Follow this link to continue with the next guide: [Breeding Entry using DC on Mobile](#)

3.2.6. Breeding Entry using DC on Mobile

In This Guide, You Will Learn:

- How to enter a single breeding.
- How to enter multiple breedings.
- How data entered is synced with DairyComp.

DC on Mobile is the mobile app available with Android and iOS devices which syncs directly with VAS PULSE Platform. Like with Pocket CowCard, DC on Mobile can also be used for single and batch breeding entries, but the steps are different.

 **IMPORTANT:** A user must have **Herd Write** permissions set in VAS PULSE Platform for data entry. Click here for more information: [Edit Dairy User Permissions](#)

Enter a Single Bred Event

1. In DC on Mobile, tap on  tab at the bottom of the screen.
2. Select the cow **ID**.
3. Select **Add Events** located in the bottom right corner.
4. Select **BRED**.
5. Tap on each line to enter:
 - **Event Date** (date of breeding)
 - **Breeding Code**
 - **Technician**
 - **Service Sire** (the sire used for breeding)
 - If needed, tap on the red trash can located above the event date to remove the breeding.
6. Tap **SAVE**.

Enter Multiple Breedings

1. In DC on Mobile, tap on the **"Events"** tab located in the bottom right corner.
2. Tap on **BRED**.
3. Select **Add Animals** or pair a RFID scanner if scanning animals.
 - Follow this link to learn how to pair [RFID Scanners](#)
4. Scan the cow or enter the cow **ID**.
5. Tap on each line to enter:
 - **Event Date** (date of breeding)
 - **Breeding Code**
 - **Technician**
 - **Service Sire** (the sire used for breeding)
6. Scan or tap on **Add Animals** to enter the next breeding.
7. Confirm and adjust each entry as by default, the breeding entry (tech, sire, etc.) will be replicated for the next cow entered.
 - If needed, tap on the red trash can located above the event date to remove the breeding.

8. When finished, close out of the breeding entry screen by selecting the back arrow.
9. Tap on **Process All Changes** which will be displayed at the top of the screen. This will send the entries to VAS PULSE Platform.

• To learn more about Events using DC on Mobile:

- Click here: [Tips for Entering Events](#)
- Use the help function  located in the top right corner of DC on Mobile.

Sending Entries to DairyComp

DC on Mobile will automatically send the BRED event to VAS PULSE Platform, which will then automatically send the BRED event to DairyComp. The BRED event will display in VAS PULSE Platform after DairyComp receives the BRED event and sends new entries back to VAS PULSE Platform.

• Follow this link to continue with the next guide: [Understanding Breeding entries on the CowCard](#)

3.2.7. Understanding Breeding entries on the CowCard

In This Guide, You Will Learn:

- Identify breeding outcome codes.
- Identify the technician associated with a breeding.
- Identify the breeding code associated with a breeding.
- Use the hover feature to see detailed breeding information.

Breeding entries are displayed on CowCards and it's important to understand the information associated with each entry.

05/06/25 FRESH	Bull Live	10/16/25 BRED 7H17000 O 27 S	3
08/04/25 BRED 250H17420 A 26 T		11/03/25 BRED 7H17000 O 26 G	
09/11/25 PREG 38 DAYS		11/25/25 BRED 14H17392 P 28 G	
10/14/25 ABORT 71 DAYS		01/08/26 PREG 44 DAYS	
10/15/25 BRED 7H17000 R 27 S			

1 Breeding Outcomes

2 Technician Number

3 Breeding Code

1 Breeding Outcomes

P = The breeding resulted in a pregnancy.

O = The cow did not settle to the breeding and was found open or had a repeat breeding.

A = The cow settled to the breeding but later aborted.

R = A second BRED event was entered within 48 hours.

- The letter A is the outcome for the 8/4/25 breeding as an ABORT event was entered on 10/14/25.
- The letter R is the outcome for the 10/15/25 breeding as another BRED event was entered the next day.
- The letter O is the outcome for the 10/16/25 and 11/3/25 breedings as the cow was bred again.
- The letter P is the outcome for the 11/25/25 breeding as the cow was declared pregnant on 1/08/25.

2 Technician Number

The number 26 is the technician number entered with the BRED event on 8/4/25. This cow was later bred by:

- Technician 27 on 10/15/25 and 10/16/25
- Technician 26 on 11/3/25
- Technician 28 on 11/25/25

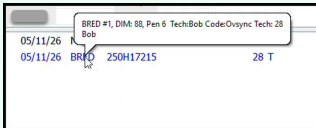
3 Breeding Code

The letters T, S and G displayed after the technician numbers are the breeding codes entered with the BRED event. For this example, the farm used these breeding codes:

- T = TAI (Ovsynch)
- S = Standing heat
- G = Activity System

 **TIP:** Hover the cursor over the **BRED** event to see:

- The breeding number.
- Days in milk (DIM) at breeding.
- Pen number (location) at the time of breeding.
- Technician name and number.
- The breeding code and description.



05/11/26	B				
05/11/26	BRED	250H17215		28	T

 Click here to continue with the next guide: [Semen Inventory](#)

3.2.8. Semen Inventory

In This Guide, You Will Learn:

- How to add or subtract semen straws.
- How to delete a bull.
- How to display/print the semen inventory report.
- Semen Inventory Setup.
- How to enter Bull Information and Update Sire File Links.
- How to assign a tank.
- How to use Semen Inventory with DC Clients.
- How to add sires from semen inventory to the Sires Quick Pick list.

 Enter **SEMINV** on the command line to begin. DairyComp will display a message stating **Semen Inventory File Initialized** the first time SEMINV is entered. Then follow this link to learn about setting up and using semen inventory: [Sires and Semen Inventory](#)

 **IMPORTANT:** Periodically conduct a **semen inventory audit** to verify the inventory count as straws may be damaged during prep etc. and will show as available unless manually adjusted.

Assigning a Tank

SemInv Setup helps you customize your SemInv report. In the example below we will add Tank to the report shown above. Tank is a popular report item with farms using multiple semen tanks.

1. From the **Semen Inventory** menu, select **option 6: SemInv Setup**
2. Double click an **[Available]** location on the left and you will be prompted for a semen table item to add.
3. Select **Tank**, then click **OK**.
 - **To remove an item:** Double-click on an item then hit [esc].
4. When finished, click **OK** to exit.

Bull	Straws	Tank	Type
1H17130	9	2	
11H17191	16	1	
76AN5027	18	1	B
151AN1959	12	1	B
551H5876	37	2	S
BULL1	10	2	
=====			
Total	6	102	2

 **NOTE:** Tank, or other items, will not be prompted for entry when adding a new sire. See **Enter Bull Info** below to learn how to add these item values.

SEMINV at DCClient Locations

SEMINV can be used with DC Client also which tracks inventory separately from the DC Server. This is valuable when monitoring semen inventory at different locations.

Call Support for assistance or follow the steps below to setup a DCClient with SEMINV.

1. Type **SERVER\M** on the DCClient command line.
2. Click on **Enable Client SEMINV**
 - This creates a local semen inventory file.
 - Select **Disable** to undo.

Breeding Quick Pick List

Add sires from your semen inventory to the Pocket CowCard (PCC) Breeding Quick Pick list to help streamline breeding entries.

1. Enter **SERVER\3** on the command line.
2. Select the **PCC Entry** tab.
3. In the bottom right corner under **Pick From**, click on **Semen Inv. List**.
4. Click on the sire to add it from the list. You should now see the sire added to the Breeding Quick Pick Sire List.
 - Right click on a sire to remove it from the Breeding Quick Pick Sire List.
5. **Refresh** Pocket CowCard to add the changes to your device.

Quick Pick sires are available when a user is prompted for the semen choice when:

- Entering an individual BRED event.
- When using the Breeding Grid Batch option.

🔗 Click here to continue with the next guide: [Future Inventory \(ECON\IR\)](#)

3.2.9. Future Inventory (ECON\IR)

In This Guide, You Will Learn:

- How to setup parameters for ECON\IR.
- How to understand the information displayed on the ECON\IR report.

ECON\IR is a command verb which displays the predicted future herd inventory for the next 7 months based on:

- Animals currently declared pregnant.
- Cull rates entered.
- The semen type for the sires of conception (SIRC) - conventional, sexed, beef.

 **NOTE:** Future inventory predications can assist in future semen selection.

Setup Parameters for ECON\IR:

Follow these steps to get started with ECON\IR and create your future inventory report.

1. Enter **ECON\IR** on the command line.
2. Enter the farm's **Replacement Rate for LACT>1** - Cull rate for 2nd lactation animals and up.
3. Enter the farm's **Replacement Rate for LACT=1** - Cull rate for 1st lactation animals.
4. Enter the **Live Female Percentage for Unsexed Dairy Semen** - % of calves born from conventional (unsexed) semen resulting in a live female calf being added to the cowfile.
5. Enter the **Live Female Percentage for Sexed Dairy Semen** - % of calves born from sexed semen resulting in a live female calf being added to the cowfile.

Understanding the ECON\IR Report

- 1 Count of Milking, Dry and LACT>0
- 2 %M (% milking)
- 3 NewIn (heifers freshening)
- 4 Left (culled cows)
- 5 Count of LACT>1, LACT=1, LACT=0
- 6 Total Animals (inventory)
- 7 Avg Milk (average milk production)
- 8 Total CWT (milk production in hundred weight)

1 **Milking, Dry, LACT>0:** Milking is the predicted number of milking cows, Dry is the predicted number of dry cows and LACT>0 is the total of both combined ($797+128 = 925$).

2 **%M** is the percent of cows milking ($797/925 \times 100 = 86\%$).

3 **NewIn** is the number of LACT=0 that freshened last month.

- **2- under LACT=0** is the reduction in heifer numbers due to freshening.
- **2 under LACT=1** is the number of Fresh heifers added to **LACT=1** (see Fresh on the left column).
- **2 under NewIn** for July is the number of fresh heifers added to the milking total from the previous month.

4 **Left** is the expected number of animals to leave the herd (sold or died) and is dependent upon the replacement rates entered. These values will affect the total milking for the next month:

- July milking (789) = June milking + fresh cows - cows dried off - culled cows ($797+42-34-16=789$).

5 **LACT>1, LACT=1, LACT=0:** Total number of cows based on lactation numbers.

6 **Total Animals:** The total herd size (inventory):

- $LACT>1 + LACT=1 + LACT=0$ ($740+185+413=1338$)

7 **Avg Milk:** The average milk production coming from test day milk or the page 6 lactation curve data.

8 **Total CWT:** The total milk production displayed in a hundred weight value:

- $Milk\ average \times total\ milking / 100 = total\ hundred\ weight$ ($84 \times 797 / 100 = 669$)

⚠ IMPORTANT:

- **ECON\IR** is not accurate if **heifers** are stored in a different cowfile.
- **Abort rate** is not calculated or considered by **ECON\IR**.
- **Replacement Rate** (cull rate) excludes pregnant cows.
- Confirm actual DCC at **dry off** matches the DUDRY item value - DUDRY may be given a different name such as DRYOF or DRY60.
- **ECON\IR** will look for **DUDRY** or another item using CDAT as the Op1 and an Op2 value > 170.

💡 **TIP:** Click here to learn how to add **ECON\IR** to your **VAS PULSE Platform** dashboard: [ECON\IR - Projected Herd Inventory/Production](#)

🔗 Click here to continue with the next guide: [Introduction to BREDSUM](#)

3.2.10. Introduction to BREDSUM

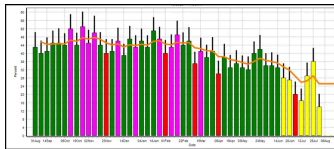
In This Guide, You Will Learn:

- How to run a BREDSUM report
- How to read a BREDSUM report.
- The common switches used with BREDSUM.
- BREDSUM command syntax.
- Cross-Table Analysis.

BREDSUM is a command verb and offers numerous options for analysis, such as:

- By Technician
- By SIRE
- By Stude Code
- By Breeding code

The graph below is an example graph for **BREDSUM by Week of Conception**



- **BREDSUM\R:** The R switch displays a graph of conception rates over time.
- **Green Bars:** Normal conception rates.
- **Red Bars:** Early warning of conception problems due to a higher percentage of cows being rebred at 21 days since last heat.
- **Yellow Bars:** >10% unknown outcomes:
 - Animals not yet bred again and not checked for a pregnancy.
 - Animals marked as sold or died before a pregnancy check or being rebred.
- **Purple Bars:** >10% of breedings occurred within in 2 days of prior breeding (repeat breedings).

 Click here to begin learning about: [BREDSUM Reports](#)

Cross Table Analysis

Cross table analysis is a power feature with BREDSUM that allows a user to compare two variables together in one report. The **X** switch is used with BREDSUM along with two other switches. Below are some common cross table BREDSUM commands.

- Stud Code by Service Number: **BREDSUM\XMB**
 - X is for cross table
 - M is for stud code
 - B is for service number
- Service Number by Sire: **BREDSUM\XBS**
 - B is for service number

- S is for sire
- Calendar Month by Technician: **BREDSUM\XCT**
 - C is for calendar Month
 - T is for technician
- Sire by Breeding Code: **BREDSUM\XSO**
 - S is for sire
 - O is for breeding code

🔗 Click here to continue with the next guide: [GUIDE for Reproduction](#)

3.2.11. GUIDE for Reproduction

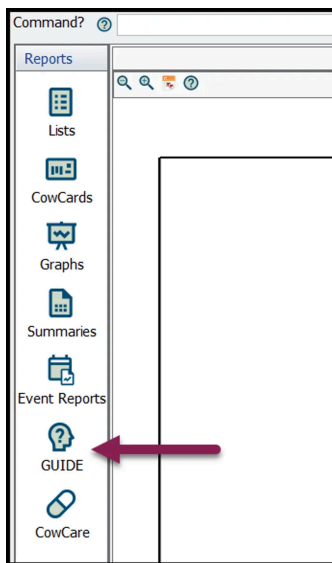
In This Guide, You Will Learn:

- How to find Reproduction reports in GUIDE.
- The types of reproductive reports available.

GUIDE is another valuable resource for reproduction analysis, especially for new users as it allows you to retrieve reports without using the usual command syntax. **GUIDE** uses written descriptions making it easier for new users to select reports.

Finding Guide

Enter **GUIDE** on the command line or click on the GUIDE icon located in the **Outlook Bar**. Then select the **Reproduction** tab, then double-click on any report.

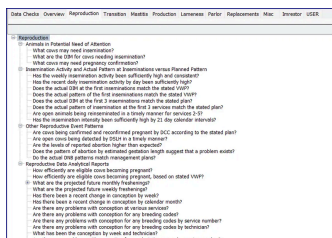


Types of Reproduction Reports

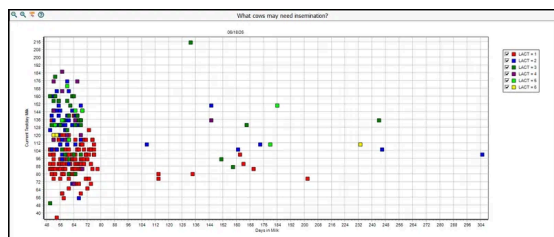
GUIDE offers four primary categories of reproduction reports.

1. Animals in Potential Need of Attention
2. Insemination Activity and Actual Pattern at Inseminations versus Planned Pattern
3. Other Reproductive Event Patterns
4. Reproductive Data Analytical Reports

Use the expand feature to see all reports under each category, then double click on any report to view it.



Example Report: **What cows may need insemination?**



TIP: When viewing the above report in DairyComp, double click on any square in the report to view the cow's CowCard.

Click here to learn more about guide: [Use the GUIDE Commands!](#)

Click here to continue with the next guide: [Repro Webinars](#)

3.2.12. Repro Webinars

In This Guide, You Will Learn:

- How to find webinars.
- What reproduction related webinars to look for.

How to find On-Demand Webinars

 Logon to www.VAS.com

1. Select the **Education** tab located in the top right corner
2. Scroll down to **Webinars**, then click on **View Webinars**
3. Scroll down to see the list of **On-Demand Webinars**

Look for these On-Demand Webinars

1. Breeding Better Outcomes: Why AI Timing Matters
2. Unlocking your Herd's Reproductive Potential with Reproduction Insights
3. How to Achieve High Fertility Cycles with Data
4. Knowledge is Power: Strategic Genetic Planning for Your Dairy with DairyComp and Alta Blue Link.
5. Own Your Future Success with Genex DairySuite Precision Genetics
6. Breeding for Your Dairy's Future

 **Congratulations! You have completed the Breeding User Journey.**

Be sure to check back as more journeys will be added over time.

4. Getting Started with DairyComp

Browse the topics below to get started with DairyComp:

- [Welcome to DairyComp!](#)
- [Main Display Area](#)
- [Find Help in DairyComp](#)
- [Navigate DairyComp Without a Mouse](#)
- [Browse Mode Features](#)
- [Printing](#)
- [Menus](#)
- [Viewing Graphs and Plots](#)
- [Use the GUIDE Commands!](#)
- [Contact Us](#)

4.1. Welcome to DairyComp!

▼ **IMPORTANT:** Have you completed your DairyComp Site Profile? If not, [click here to proceed!](#)

When you start leveraging the impressive suite of features found in DairyComp, such as its powerful report generator and command line, you'll see why DairyComp is the world's most trusted herd management program. Data entry hassles are a thing of the past: in DairyComp, submitting herd facts and figures is fast, simple, and, in many cases, automatic. The program's most significant selling point, however, is its incredible degree of customization; DairyComp is built to meet the needs of your herd, your way.

Information stored in DairyComp is comprehensive and easily accessible. In moments, you can determine whether an animal is fresh or dry, when they changed pens last, and if they're due for a check-up with a veterinarian.

How can your dairy benefit from using DairyComp?

Convenience

With our unrivaled fertility analysis tools, easy and convenient data entry through our mobile application, and fully customizable reporting, DairyComp has all the tools you'll need to create seamless health and reproductive protocols for your herd. For at-a-glance performance metrics and compatibility with hundreds of third-party services, you'll also have access to the PULSE online platform.

Data Management

In a time where managing your data is just as important as managing your herd, DairyComp offers comprehensive data privacy and ownership tools. You are always in control of your data through the use of an End User License Agreement (EULA), End User Service Agreement (EUSA), and permissions in the program that allow you to decide who you share your data with.

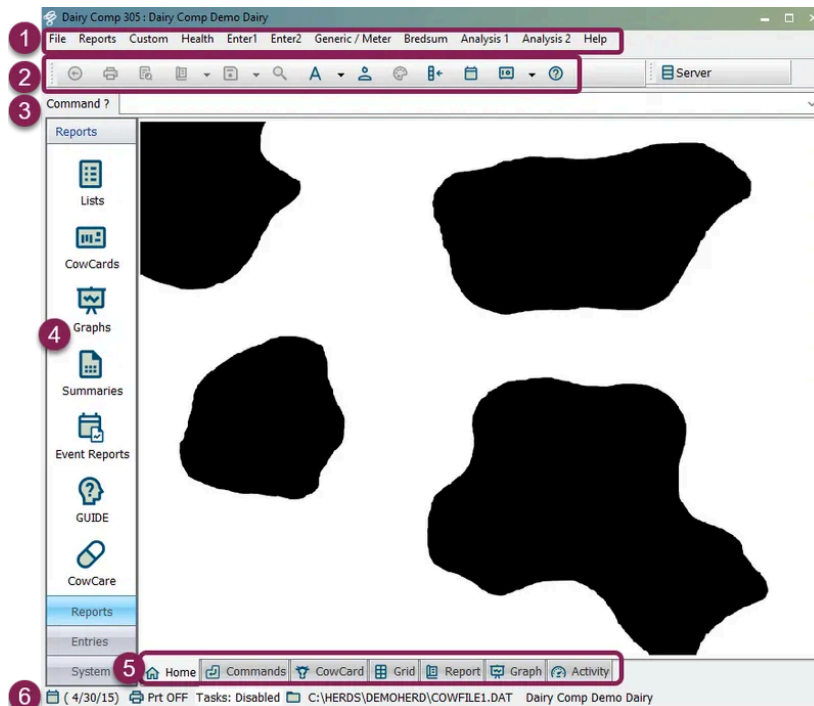
Help When You Need It

VAS provides a comprehensive support network to ensure you're getting the most out of DairyComp. When you have questions, you can reach our product support teams by text, email, phone call, or instant chat at no additional cost.

NOTE: Instant chat is available only through the PULSE Platform.

4.2. Main Display Area

DairyComp runs in a resizable window containing an assortment of features:

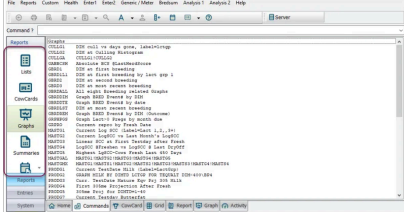
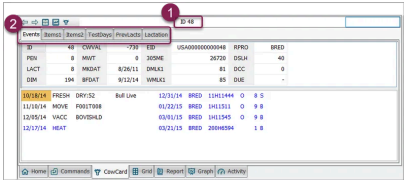
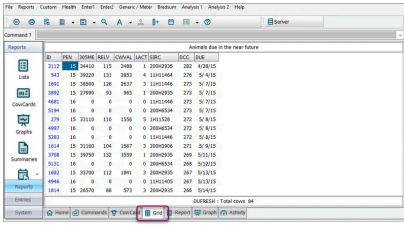
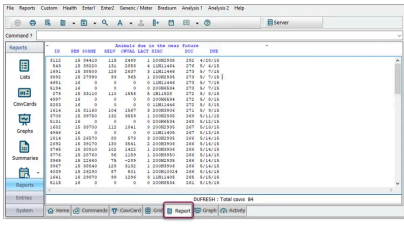
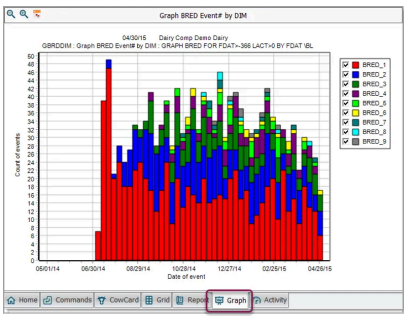


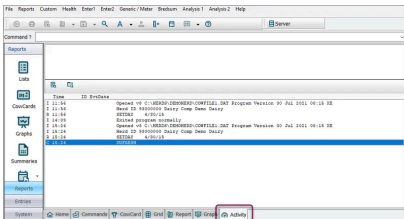
- 1 Pull-down menus
- 2 Interactive icons
- 3 Command line entry box
- 4 The left side of the window contains an Outlook style toolbar (simply called the "Outlook Bar") that supplies quick access to the program's major functions.
- 5 Use the tabs at the bottom of the window to quickly navigate to different DairyComp pages.
- 6 A status bar with the cowfile information and current date can be found at the bottom of the window.

Review the information below when navigating the DairyComp interface:

- The Home page, which includes a customizable picture background, opens automatically when you start DairyComp.
- The position and size of the main DairyComp window is saved and restored when you close and reopen the program.
- To open a new page in the main viewing area of the window, click an option in the Outlook Bar or one of the tabs at the bottom of the window, right above the status bar.
- In many cases, DairyComp automatically displays the page most relevant to the information created by the last command. When you run a report, for example, the Grid page displays. You can click any of the tabs at any time to change pages.

The most commonly used DairyComp pages are defined below:

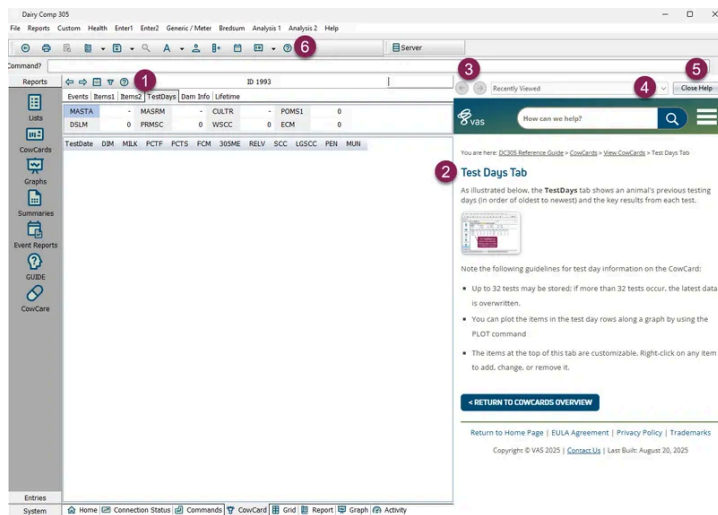
Page Name	Description
Command	Contains a list of commands for data entry, reports, and graphs. Click the Lists, Graphs, Summaries, Event Reports, or Events options in the Outlook Bar to filter the list of commands by their corresponding feature area. 
CowCard	Displays the herd CowCards, which contains a complete record of an animal's status and data: - Animal ID - View all animal details within these CowCard tabs 
Grid	Displays a generated report in the familiar cell-bordered ("grid") table style. You can click the column headers to sort the report accordingly, drag them to resize the column, or right-click the headers for more options. Your most recent report displays on the Grid page. 
Report	Displays a generated report in a borderless table. The Grid and Report pages present the same report details in different formats. Unlike the table in the Grid page, the Report page cannot be sorted or adjusted. 
Graph	Displays graphs and plots created with the GRAPH and PLOT commands. 

Page Name	Description
Activity	This page displays a log of all previous actions taken in DairyComp since the last log files were saved. This page also displays processing information when you use a command to perform calculations. 

4.3. Find Help in DairyComp

DairyComp includes a dynamic, integrated help system, giving you quick access to the information you need, right when you need it.

Click the Help  icon at the top right of the screen you're on to open its associated help topic. You can still use the main Help button at the top of DairyComp to open the help system as a whole, but the page-level icons provide a faster, more focused way to find answers.



- 1 Locate and click the Help  icon on the page or tab you are using.
- 2 A browser window opens, showing the help topic that explains the feature you are viewing. For example, if you are on the **Test Days** tab of the CowCard and click the Help  icon, the browser will open directly to the **Test Days** tab help topic.
- 3 Use the back and forward arrow buttons to move through the topics you have recently opened.
- 4 Use the **Recently Viewed** drop-down list to quickly return to a help topic you visited previously.
- 5 Click the **Close Help** button to close the help browser panel.
- 6 Use the main Help  icon in the top toolbar to open the help system as a whole. This is useful if you want to browse or search across all topics.

4.4. Navigate DairyComp Without a Mouse

DairyComp is designed to maintain the look and feel of a Windows program while still allowing for fast and convenient data entry and navigation. Though you can use a mouse to accomplish most tasks in DairyComp, you can also use the keyboard (most notably the numeric keypad) in many situations to enter commands and data. An ENTER command, for example, allows for full keyboard entry. The main pick lists (sub-menus of the major commands) allow you to select options either with the mouse or by using the numeric keypad, followed by pressing **Enter** on the keyboard.

Some dialog boxes, such as those found in the SETUP and ALTER windows, require a mouse to click check boxes or select entry fields. In most cases, however, you can:

- Move between fields either with **Enter** or **Tab**
- Select buttons with **Enter**
- Exit pop-up windows with **Escape**

If you find yourself unable to progress on a page in DairyComp, the **Esc** key is a good way to restart your navigation efforts.

4.5. Browse Mode Features

The Grid and Report pages of DairyComp make significant use of Browse Mode—a display style that presents the page contents in a scrollable, standardized format. On pages that use Browse Mode, you can use the arrow keys or the **PgUp**, **PgDn**, **Home**, and **End** keys to move up, down, left, or right, respectively. Pressing **Ctrl+End** goes to the end of the page, while **Ctrl+Home** brings you to the beginning.

Pressing the **Esc** key while a command is in progress aborts the command and returns you to Browse Mode. If you press the **Esc** key again, you return to a command prompt or menu.

When generating a report with the LIST command and printing is enabled, the report prints using the configured printer settings and then displays the Grid and Report pages in Browse Mode.

- ✓ **Print in Browse Mode**
- ✓ **Export contents in Browse Mode**
- ✓ **Perform a text search in Browse Mode**
- ✓ **Jump to the CowCard**
- ✓ **Edit items from Browse Mode**
- ✓ **Sort a report in Browse Mode**
- ✓ **When clicks don't work**

4.6. Printing

DairyComp gives you considerable printer control. You can decide whether to always print reports or pause before printing if you prefer to choose. If you do not have a printer available (such as a laptop in the field), you can configure DairyComp to display reports in [Browse Mode](#).

You can print the contents of most pages by clicking the **Print** button  on the toolbar or selecting **Print** from the File menu.

You can configure individual reports to print in multiple columns or in compressed print. You can also select default fonts for the normal and compressed reports.

Expand the sections below to learn about the various ways to printing in DairyComp:

- ✓ **Activate a New Printer**
- ✓ **Compressed Print**
- ✓ **Print the Item List**
- ✓ **Print from CowCard**

4.7. Menus

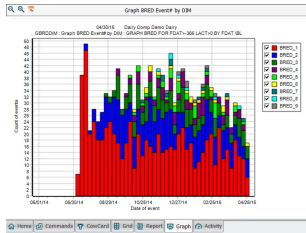
The pull-down menus in DairyComp are similar to the Windows style menus found in other programs. There are many ways you can [customize your menu](#) to best fit your dairy's needs. You can even add your most commonly used reports to the DairyComp menu!

See [Add a Command to the Menu](#) to learn more.

4.8. Viewing Graphs and Plots

Results from an executed GRAPH or PLOT command are compiled on the **Graph** page. From this page, you can:

- Print the results graph.
- Adjust the view zoom in and out.
- Slide the graph in any direction to shift the viewing area.



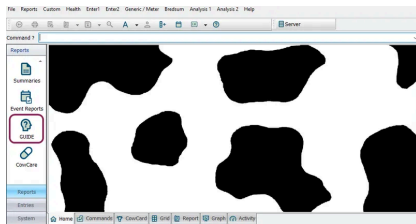
Expand the topics below to learn more about performing these various actions:

- ✓ **Print**
- ✓ **Zoom In/Out**
- ✓ **Drag Graphs and Plots**
- ✓ **Related Topics**

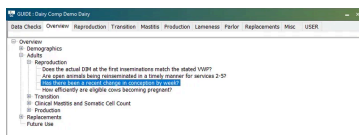
4.9. Use the GUIDE Commands!

While you familiarize yourself with the intricacies of DairyComp, the GUIDE commands is a great tool for retrieving the results you want without using the usual command syntax. When it comes to generating results with custom parameters, however, you will need to learn the associated command because GUIDE outputs cannot be altered. For more information about using the command line, see our [Command Line](#) topic.

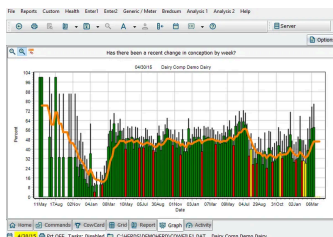
To access the GUIDE commands, click the **GUIDE** button in the Outlook Toolbar.



In the GUIDE window, you'll notice a series of tabs along the top and a list of expandable and collapsible topics. As you expand the topics, you will arrive at several options worded as questions.



Double-clicking the option displays the result in a modified view of DairyComp. You'll notice, for example, that the GUIDE version of DairyComp does not include a command line.



To return to the GUIDE window, press the **Escape** key. Pressing the **Escape** key again or clicking the **X** in the top-right corner of the window returns you to the normal DairyComp view.

4.10. Contact Us

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

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.

4.11. 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

- **OvSynch**

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 Platform 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 (SOLD/DIED). 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.).

5. DairyComp Reference Guide

VAS is updating the former DairyComp online help and publishing the new topics here as they become available.

✓ Don't see what you need here?

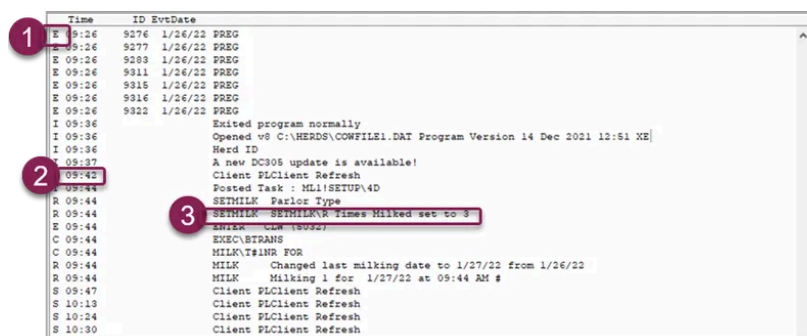
- [Activity Logs](#)
- [ALTER Overview](#)
- [Backup DairyComp Data](#)
- [Command Line](#)
- [Connection Status](#)
- [CowCards](#)
- [CowCare](#)
- [CowVal \(Cow Value\)](#)
- [Dairy Information](#)
- [Events](#)
- [Menu Customization](#)
- [Pens](#)
- [Reports](#)
- [Reproductive Codes](#)
- [SETUP Command](#)
- [Sires and Semen Inventory](#)
- [Veterinary Procedures](#)

5.1. Activity Logs

DairyComp tracks all data entry activity from your computer, PULSE, and mobile devices to keep tabs on the latest animal updates and changes made. You can choose to view the standard activity log, or enable enhanced logging for additional options and more information. Standard activity logs are the default in DairyComp. The standard activity log displays only the character tag, event time, ID, date, and activity information. The standard activity log does not include any enhanced configuration options. The enhanced activity log presents a cleaner and easier to read display of entries and activities generated by DairyComp. The enhanced activity log also uses [Categories](#) for activities that can optionally be used to limit or select which activity log data is displayed.

Both activity logs can be accessed from the **Activity** tab on the bottom of the DairyComp window. Examples of each activity log are displayed below.

Standard Activity Log



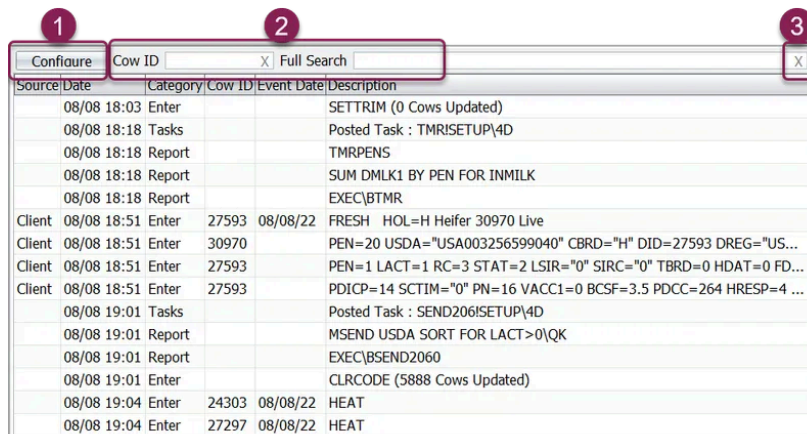
1 Character tag

2 Timestamp

3 Task command

Time	ID	Event	Date
E 09:26	9276	1/26/22	PREG
E 09:26	9277	1/26/22	PREG
E 09:26	9283	1/26/22	PREG
E 09:26	9311	1/26/22	PREG
E 09:26	9315	1/26/22	PREG
E 09:26	9316	1/26/22	PREG
E 09:26	9322	1/26/22	PREG
I 09:36			Exited program normally
I 09:36			Opened VS C:\HERDS\CONF\FILE1.DAT Program Version 14 Dec 2021 12:51 XE
I 09:36			Herd ID
I 09:37			A new DC905 update is available!
I 09:42			Client PLClient Refresh
I 09:44			Posted Task : MLI\SETUP\4D
R 09:44			SETHILK Parlor Type
R 09:44			SETHILK SETHILK times Milked set to 3
E 09:44			SETHILK CLM (10/22)
C 09:44			EXEC\BTRANS
C 09:44			MILK\TSINR FOR
R 09:44			MILK Changed last milking date to 1/27/22 from 1/26/22
R 09:44			MILK Milking 1 for 1/27/22 at 09:44 AM #
S 09:47			Client PLClient Refresh
S 10:13			Client PLClient Refresh
S 10:24			Client PLClient Refresh
S 10:30			Client PLClient Refresh

Enhanced Activity Log



1 Click to open log display options

2 Search by Cow ID or by keyword using Full Search

3 Click to clear the search and display the default logs

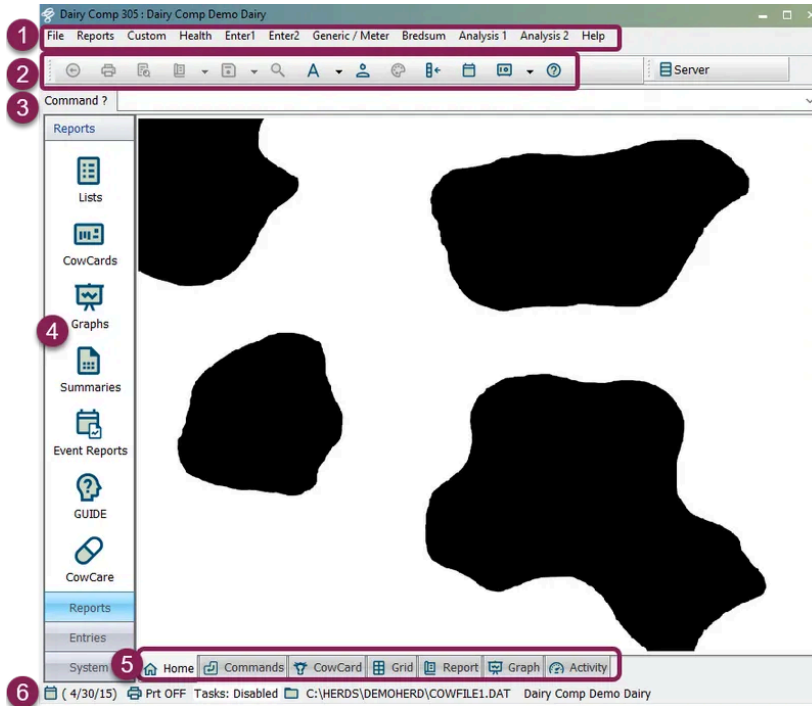
Source	Date	Category	Cow ID	Event Date	Description
	08/08 18:03	Enter			SETTRIM (0 Cows Updated)
	08/08 18:18	Tasks			Posted Task : TMR\SETUP\4D
	08/08 18:18	Report			TMRPENS
	08/08 18:18	Report			SUM DMLK1 BY PEN FOR INMILK
	08/08 18:18	Report			EXEC\BTMR
Client	08/08 18:51	Enter	27593	08/08/22	FRESH HOL=H Heifer 30970 Live
Client	08/08 18:51	Enter	30970		PEN=20 USDA="USA003256599040" CBRD="H" DID=27593 DREG="US...
Client	08/08 18:51	Enter	27593		PEN=1 LACT=1 RC=3 STAT=2 LSIR="0" SIRC="0" TBRD=0 HDAT=0 FD...
Client	08/08 18:51	Enter	27593		PDICP=14 SCTIM="0" PN=16 VACC1=0 BCSF=3.5 PDCC=264 HRESP=4 ...
	08/08 19:01	Tasks			Posted Task : SEND206\SETUP\4D
	08/08 19:01	Report			MSEND USDA SORT FOR LACT>0\QK
	08/08 19:01	Report			EXEC\BSEND2060
	08/08 19:01	Enter			CLRCODE (5888 Cows Updated)
	08/08 19:04	Enter	24303	08/08/22	HEAT
	08/08 19:04	Enter	27297	08/08/22	HEAT

Expand the topics below to learn more:

- Guidelines for Using Standard Activity Logs
- Guidelines for Using Enhanced Activity Logs

5.2. ALTER Overview

Much of the power in DairyComp comes from the ability to configure the program to meet the specific needs of your dairy. The ALTER command allows you to change most of the parameters that affect the way the program performs. ALTER is the key to the flexibility of DairyComp because it allows you to configure program performance to suit your individual management needs.



- 1 Pull-down menus
- 2 Interactive icons
- 3 Command line entry box
- 4 The left side of the window contains an Outlook style toolbar (simply called the "Outlook Bar") that supplies quick access to the program's major functions.
- 5 Use the tabs at the bottom of the window to quickly navigate to different DairyComp pages.
- 6 A status bar with the cowfile information and current date can be found at the bottom of the window.

✓ Show me how to access my ALTER configuration!

IMPORTANT:

- Changes made in ALTER affect the current cowfile only.
- Because there is such a great deal of flexibility, it is easy to make changes that may not be exactly what you had intended. Therefore, it is important to [backup your cowfile](#) before using any of the ALTER options. **Spending a few seconds backing up now could save hours of frustration later.**
- The [SETUP command](#) is another configuration option. You can use it to change program parameters that affect hardware such as printers and program functions that work across all cowfiles.

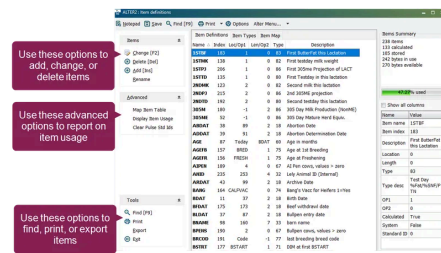
See the topics below to learn more about your ALTER configuration.

- [ALTER2: Item Definitions](#)
- [ALTER3: Command Abbreviations](#)
- [ALTER4: Pens](#)
- [ALTER5: VetList Options](#)
- [ALTER9: Events](#)

5.2.1. ALTER2: Item Definitions

In DairyComp, the ALTER2 : Item Definitions option allows you to view all the items currently configured for your DairyComp. You can then change, delete, or rename the items, or you can create new items.

To open the Item Definitions window, enter **ALTER** in the command line, then select **[2] Items** from the menu. Alternatively, you can enter **ALTER[2]** directly in the command line.



NOTE: See [Items Tabs](#) for more information about items in DairyComp.

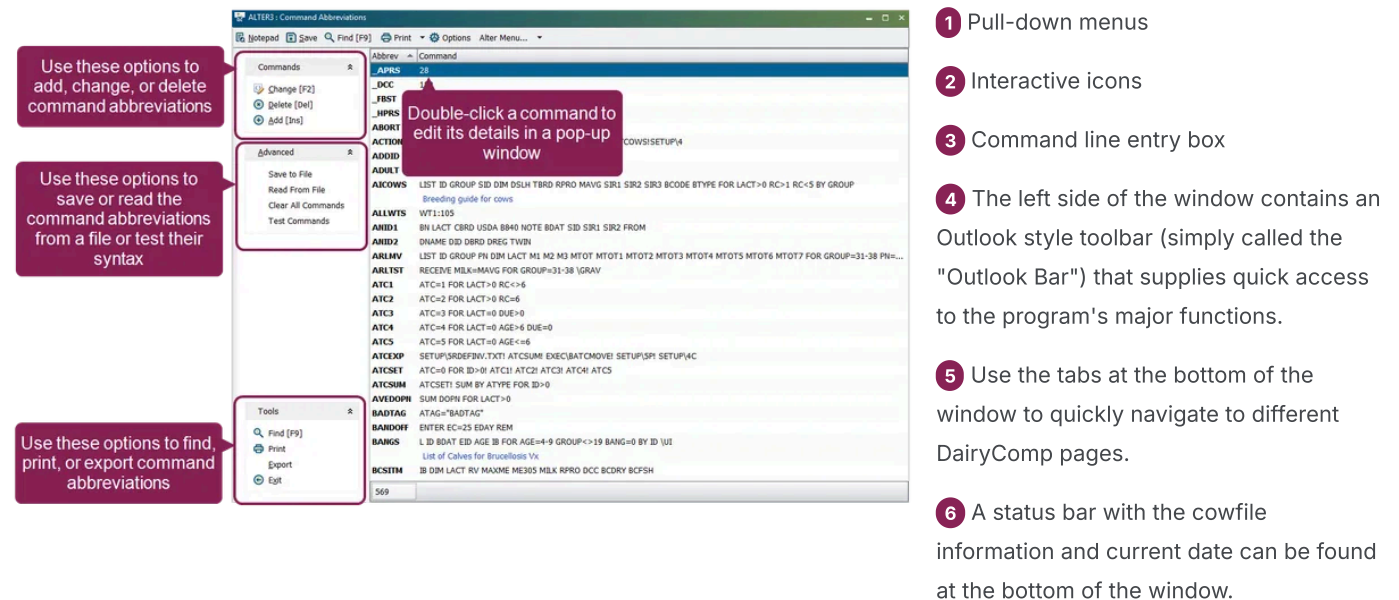
Expand the topics below to learn more about the options in the Item Definitions window:

- ✓ **Add an Item**
- ✓ **View or Change an Item**
- ✓ **Delete an Item**
- ✓ **Rename an Item**
- ✓ **Map Item Table**
- ✓ **Display Item Usage**
- ✓ **Find, Print, and Export Item Definitions**

5.2.2. ALTER3: Command Abbreviations

The ALTER\3 command in DairyComp lets you manage command abbreviations. Command abbreviations are shortcuts that represent longer, frequently used command strings. Command abbreviations save time, reduce errors, and help maintain consistency when running reports and performing routine data checks.

To open the Command Abbreviations window, enter **ALTER\3** or type **ALTER** and choose **[3] Commands** from the menu



The screenshot shows the ALTER3: Command Abbreviations window. It has a menu bar with options like File, Edit, Find, Print, Options, and Alter Menu. Below the menu bar are three tabs: Commands, Advanced, and Tools. The Commands tab is active, showing a list of command abbreviations. Callouts explain the following features:

- 1 Pull-down menus**: Located at the top of the window.
- 2 Interactive icons**: Located in the top-left corner, used to add, change, or delete command abbreviations.
- 3 Command line entry box**: A text box for entering command abbreviations.
- 4 The left side of the window contains an Outlook style toolbar (simply called the "Outlook Bar") that supplies quick access to the program's major functions.**
- 5 Use the tabs at the bottom of the window to quickly navigate to different DairyComp pages.**
- 6 A status bar with the cowfile information and current date can be found at the bottom of the window.**

Additional callouts include:

- Use these options to add, change, or delete command abbreviations (pointing to the top-left icons).
- Use these options to save or read the command abbreviations from a file or test their syntax (pointing to the Advanced tab).
- Use these options to find, print, or export command abbreviations (pointing to the Tools tab).
- Double-click a command to edit its details in a pop-up window (pointing to a command in the list).

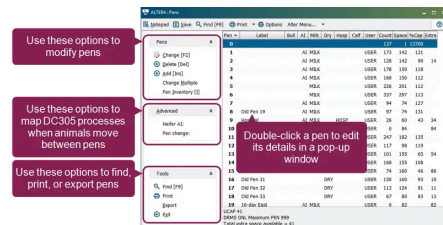
Expand the sections below to learn more:

- ✓ **Add a Command**
- ✓ **Change a Command**
- ✓ **Delete a Command**
- ✓ **Print or Export Commands**
- ✓ **Find Command Abbreviations**
- ✓ **Test Commands**
- ✓ **Save and Read Commands from a File**

5.2.3. ALTER4: Pens

The ALTER4: Pens option allows you to manage your DairyComp pens or to view a historical pen inventory. You can create new pens, and also delete, rename, or change (ALTER) them.

To open the Pens List window, enter ALTER in the command line, then select **[4] Pens** from the menu. Alternatively, you can enter **ALTER\4** directly in the command line.



When setting up your pens, DairyComp can automatically record the date when an animal enters a pen. This helps accurately reflect an animal's reproductive or health status. For example:

- **BULL Pens:** Recording the move-in date for a BULL pen helps you estimate conception dates. See [BULL Pen](#) and [Pen Change](#) to learn more.
- **AI Pens:** Many dairies only enroll animals in breeding or sync programs when they move into an active AI pen (AIPEN>0). Recording this move-in date is important because it allows you to:
 - Enter **BREDSUM AIDAT\Y** in the command line to quickly see your BREDSUM analysis and monitor key metrics like reproductive performance, conception rate, and pregnancy rate.
 - Enter **BREDSUM FOR AIPEN>0** in the command line to filter your BREDSUM analysis to include only animals that have moved into AI pens.
 - Create more flexible and future-proof command abbreviations using **ALTER\3**, because the **AIPEN>0** filter automatically includes all animals in any AI pen. This eliminates the need to manually update your abbreviations whenever a specific AI pen number changes or a new one is added.
 See [AI Pen](#) and [Heifer AI](#) to learn more.

Expand the sections below to learn more:

- ✓ **Guidelines for Working with Pens**
- ✓ **Learn about Pen Types**
- ✓ **Add a Pen**
- ✓ **View or Change a Pen**
- ✓ **Delete a Pen**
- ✓ **Modify Multiple Pens**
- ✓ **View Pen Inventory**
- ✓ **Set Up Pen Capacity**
- ✓ **Move an Entire Pen of Animals to a New Pen**
- ✓ **Advanced Pen Options**

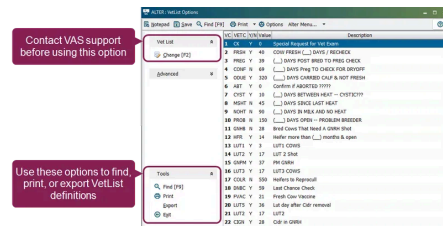
▼ **Find, Print, and Export Pen Definitions**

5.2.4. ALTER5: VetList Options

The ALTER5 : VetList Options option allows you to view or change the parameters used in your DairyComp vet checks.

IMPORTANT: In DairyComp, veterinary list items can only be changed; they cannot be added or removed. Before using the **Change [F2]** option, contact [VAS Support](#) for guidance.

To open the VetList Options window, enter ALTER in the command line, then select **[5] Veterinary list** from the menu. Alternatively, you can enter ALTER\5 directly in the command line.



✓ Find, Print, and Export VetList Definitions

✓ Related Topics

5.2.5. ALTER7: Protocols

The ALTER7: Protocols option in DairyComp allows you to manage treatment protocols. A protocol is a predefined set of instructions for a specific diagnosis (such as mastitis or metritis). Protocols ensure consistency across the dairy by automating drug dosages, calculating milk and meat withdrawal dates, and managing animal movement to hospital pens.

 **NOTE:** Many advanced features within DairyComp protocols (such as automatic withdrawal tracking and drug inventory) require CowCare. See [CowCare](#) for more information on integrating drug management with your protocols.

To open the **Protocols** window, enter **ALTER** in the command line, then select **[7] Protocols** from the menu. Alternatively, you can enter **ALTER\7** directly in the command line.

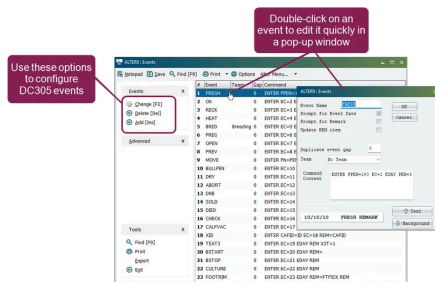
Expand the sections below to learn more:

- ✓ **Change a Protocol**
- ✓ **Add a New Protocol**
- ✓ **Advanced Options**
- ✓ **Managing Protocol Status**

5.2.6. ALTER9: Events

The ALTER9 : Events option allows you to manage your DairyComp events configuration. The changes you make here will impact the events that you can enter for your animals.

To manage your events configuration, simply enter **ALTER\9** in the command line, or enter **ALTER** in the command line and then choose option **9** for **User-defined events**. Either of these actions opens the ALTER9 : Events configuration window.



You can add new events or edit user-defined events in this list, but you cannot change any of the system events that come with the original program (events 1–18), except for their event name. Beyond the 18 system events, you can create up to 63 additional events.

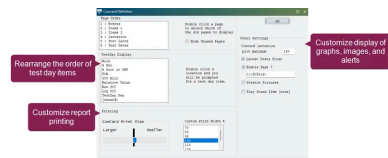
See the topics below when configuring your events in DairyComp:

- ✓ **Create New Event or Edit Settings for an Existing One**
- ✓ **Delete/Remove an Event from ALTER9 : Events**
- ✓ **Create a Combo Event**
- ✓ **Define a Gap for an Event**
- ✓ **Related Topics**

5.2.7. ALTER10: CowCard Definition

The ALTER10: CowCard Definition command in DairyComp lets you customize the layout of the CowCard. The CowCard is the heart of an animal's record in DairyComp, displaying vital details such as birth date, sire identification, and lactation history. Customizing the layout of the CowCard ensures the most important data for your dairy is always front and center.

To open the CowCard Definition window, enter **ALTER\10** in the command line or type **ALTER** and choose **[A] CowCard Pages** from the menu.



NOTE: While the **ALTER\10** function defines the page structure, you don't need to use this menu to change the specific items (like PEN or DIM) inside the tabs. You can change these items by right-clicking on them directly while viewing a CowCard. See [Edit CowCards](#) for more information.

- ✓ **Select Testday Display Format**
- ✓ **Configure Visuals and Alerts**
- ✓ **Configure Printing Options**

5.2.8. ALTER12: FRESH Event Items

The ALTER12: FRESH Event Items allows you to manage the DairyComp items that are affected when an animal freshens (i.e., starts a new lactation). The FRESH event is one of the most important events in DairyComp because it resets the animal's record, updates key items, and prompts for new information. ALTER12: FRESH Event Items allows you to customize these actions to fit your dairy's management practices.

FRESH event items are arranged in six separate tables. Each table controls a specific aspect of what happens during the FRESH event—such as zeroing out old data, moving values to previous fields, transferring dam details to the calf, prompting for new entries, or updating lifetime totals.

NOTE: DairyComp automatically handles the most critical updates: the FRESH Date (FDAT) is set to the event date and the Lactation (LACT) is increased by one. You do not need to add these to the manual tables.

To open the FRESH Event Definitions menu, enter **ALTER** in the command line, then select **[12] FRESH Event Items** from the menu. Alternatively, you can enter **ALTER12** in the command line. The menu lets you view all of the items currently configured to be affected by a FRESH event as well as options for changing them:

ALTER 12 options
manage changes to items
when animals freshen

FRESH Event Definitions	
1	QUIT Alter
2	BACK to Alter Menu
3	Display/Print FRESH Table
4	Items to be zeroed
5	Items to be moved to previous
6	Items to be moved dam to calf
7	Items prompted for the cow
8	Items prompted for each calf
9	Items to be added together

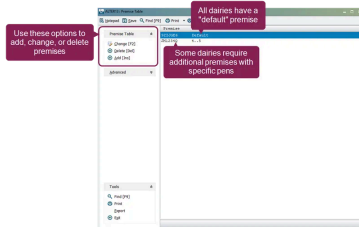
- ✓ Display or Print the FRESH Table
- ✓ Items to be Zeroed
- ✓ Items to be Moved to Previous
- ✓ Items to be Moved Dam to Calf
- ✓ Items Prompted for the Cow
- ✓ Items Prompted for the Calf
- ✓ Items to be Added Together

5.2.9. ALTER13: Premise Table

The ALTER13: Premise Table option in DairyComp allows you to manage physical location identifiers (premise IDs) for your dairy. This table is a critical component of national traceability programs, linking physical addresses to pens within your herd.

The primary purpose of this program is to maintain a database that allows for rapid traceback of animals in the event of a disease concern, such as bovine spongiform encephalopathy (BSE). By identifying where an animal is (and has been), the system ensures the safety of the food supply.

To open the Premise Table window, enter **ALTER\13** or type **ALTER** and choose **[D] Define Premises Table** from the menu.



Expand the sections below to learn more:

- ✓ **Understanding Premises and Pens**
- ✓ **Best Practices for Traceability**
- ✓ **Set Up or Change a Premise**
- ✓ **Delete a Premise**
- ✓ **Advanced Options**

5.3. Backup DairyComp Data

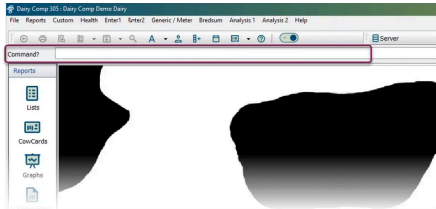
In DairyComp, you can customize whether your backups are saved automatically or manually, how often your backups are saved, and where your backups are sent—you can send your backups to the VAS Support website or you can send your backups to any folder on your local machine. Also, find out more about how you can create daily backups for your cowfiles!

Expand the topics below to learn more:

- ✓ **Back DairyComp Up to the Cloud**
- ✓ **Schedule Automatic Backups**
- ✓ **Create a Manual Backup**

5.4. Command Line

DairyComp allows you to look up data, enter information, and edit settings either through menu selections or through the command line. As shown in the example below, the command line is located toward the top of the window, below the menu and toolbar. You can press the Escape key (ESC) at any time to go straight to the command prompt, or you can click inside of the command line field and start typing a command.



The command line is commonly used to run reports, so we will use a report command to illustrate command structure. A DairyComp report command is made up of the 5 parts defined below.



Review the information below for help creating your report command:

- 1 ✓ **Command Word:** Start by typing a command word. [Click here to learn more!](#)
- 2 ✓ **Items:** Type the items you want to include in your report. Items define the columns of data you want to see in your report. [Click here to learn more!](#)
- 3 ✓ **Conditions: (Optional)** Type any conditions you want to include in your report. Conditions limit your report to specific data. [Click here to learn more!](#)
- 4 ✓ **Sort: (Optional)** Type any sort words (BY and DOWNBY) and criteria to sort how your report results are listed. [Click here to learn more!](#)
- 5 ✓ **Switches: (Optional)** Insert switches at the end of your command to define special tasks and shortcuts. Switches can do a lot for the "look" of reports and the data that is in them. [Click here to learn more!](#)

TIP: Are you new to running reports in the command line? See [Run a Report in the command line](#) for an illustrated tutorial that walks you through creating your first report!

NOTE: For help using the command line, try [Assist](#), a DairyComp enhancement to the command line that helps you find the command components you need, such as items, events, and more.

See the topics below to learn more:

- [Summary of Commands](#)

-
- [Tips for Using the Command Line](#)
 - [Assist](#)
 - [Advanced Syntax Options](#)

✓ **Related Topics**

5.4.1. Summary of Commands

✓ Where can I find a list of commands and switches in DairyComp?

See the information below to view a summary of commands available in DairyComp:

&#xNA N; ALTER	Configuration module or all customizations of items, commands, pens, events, and so on.
BREDS UM	Used to examine the effectiveness of a breeding program. Switches include the following:\T = By Technician\O = By Breeding Code\B = By Number of Times Bred\I = Interval Analysis\N = By Cycle Number\E = 21 Day Heat Trial\Y = Include Heifers\V# = Voluntary Waiting Period\U = Bullpen Preg Rates\UR = Bullpen by 21 Days\A = Assume All Breedings\D or \D# = Select Date Range\X = Cross Measure 2 Variables
&#xNA N; CHKFI LE	Utility to search for animal IDs, show available ID numbers, or fix corrupted animal records.
&#xNA N; COWV AL	Estimate an animal's value within the herd relative to an average fresh heifer. Also calculates the animal's pregnancy value.
&#xNA N; ECON	Utility used to calculate economic factors. Switches include the following:\E = Lists of animals with certain events within a certain time frame\I or \IR (\R with cull rate) = Calf summary table for last 365 days by month\ID = Table of all events for last 365 days by month\S = Table of all events for last 365 days by DIM
EGRA PH	Graph of data from events. Can be done by calendar date, DIM for animals, or AGE for heifers. Can also graph remarks of the event instead of count of events.
&#xNA N; EPLOTT	Used to graph body scores, height and weight measurements.
EVEN TS	Used to view a list or table of events for different time periods and parameters. Switches include the following:\2SI = Lists of animals with certain events within a certain time frame\3 = Calf summary table for last 365 days by month\5 = Table of all events for last 365 days by month\6 = Table of all events for last 365 days by DIM\7 = Table of all events for last 365 days by month of fresh
&#xNA N; FILEO UT	Used to export data items to CSV or TXT files.
GRAP H	Used to graph one item by itself (histogram) or multiple against each other (scatter graph).
LIST / SHOW	Used to create a listing of animals with certain items and conditions, within a specified sorting order.
&#xNA N; MONI TOR	Procedure that lets you define, calculate, and report a group of herd management statistics. Typically run at the beginning of the month.
&#xNA N; PCT	Percent command is used to calculate the number of animals in the first condition that meet the conditions for the second list.

&#xNA N; ALTER	Configuration module or all customizations of items, commands, pens, events, and so on.
&#xNA N; PLOT	Used to graph test day information by test date or by DIM.
SIRES	Used to look at or generate reports on the latest sire NAAB production and type proofs.
SUM	Used to get averages for certain items or number of animals within certain groups.

✓ Related Topics

5.4.2. Tips for Using the Command Line

Expand the topics below to learn more:

- ✓ **How Does the Command Parser Work?**
- ✓ **Upper/Lower Case**
- ✓ **Correct Command Errors**
- ✓ **Retrieve Previous Commands**
- ✓ **View a List of Command Switches**
- ✓ **Try Command Line Assist**
- ✓ **Download PDF Quick-Reference Guides for the DairyComp Command Line**
- ✓ **How Do I Fix a Command That Isn't Working?**
- ✓ **Related Topics**

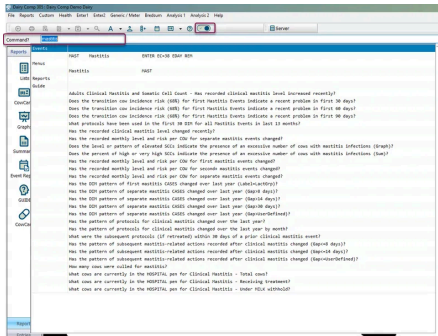
5.4.3. Assist

Assist is an enhancement to the DairyComp command line that helps you build a command without having to remember exact component names. As you type in the command line, Assist will show you a list of matching items, events, reports, menu options, and GUIDE questions.

This makes the command line easier to use by:

- Helping you find the correct command component when you only know part of the name or a common term (for example, typing `mastitis` instead of remembering the event name MAST).
- Bridging the gap between what you think of in plain terms (like *days in milk*) and the actual component names in DairyComp (like DIM).
- Allowing you to select from a list of suggestions using your mouse or arrow keys, instead of typing the entire command.

With Assist, you can still use the command line exactly as before. You can ignore the suggestions and type full commands if you prefer.



NOTE: If you are using a DairyComp cowfile translated into a language other than English, Assist will work in that language.

Enable Assist

You can enable or disable Assist at any time by clicking the Assist switch on the toolbar at the top of the screen.

-  **On** – the command line shows suggestions as you type.
-  **Off** – the command line works the same way it always has, without suggestions.

NOTE: Even when Assist is turned on, you can ignore the suggestions and type full commands exactly as before.

Use Assist in the Command Line

Once Assist is enabled, type a word in the command line that relates to what you want to do. A suggestion window opens below the command line containing options related to what you typed.

The suggestion window is divided into sections:

- **Events:** Shows matching event names.
- **Menus:** Shows matching menu options, including any that contain your search term in the title or description.
- **Reports:** Shows matching reports, including any that contain your search term in the description or item list.
- **Guide:** Shows GUIDE questions that contain your search term. See [Use the GUIDE Commands!](#) to learn more.

- ✓ **Build Commands with SHOW/LIST**
- ✓ **Find Events**
- ✓ **Find a Menu Item or Report**
- ✓ **Find a GUIDE question**
- ✓ **Related Topics**

5.4.4. Advanced Syntax Options

Expand the topics below to learn more:

- ✓ **Add Codes**
- ✓ **OR Conditions**
- ✓ **Ranges**
- ✓ **Date Formats**
- ✓ **Command Substitutions**
- ✓ **Related Topics**

5.4.5. Command Line Quick Reference Sheets

Download PDF Quick Reference Guides for the DairyComp Command Line:

DairyComp Command Syntax Quick Reference Guide

 [DC305-CommandLineQuickRef.pdf](#)



DairyComp Command Verbs and Switches

 [DC305-VerbsAndSwitches.pdf](#)



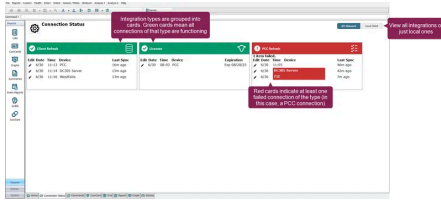
DairyComp Vocabulary

 [DC305 Vocabulary and Command Summ...](#)



5.5. Connection Status

Connection Status allows you to quickly see if your DairyComp integrations are communicating and properly transferring data with DairyComp. Connection Status runs in the background, essentially watching for connection failures and notifying you when they occur.



Integrations (such as ParlorBoss and Pocket CowCard) show as cards on the Connection Status dashboard. You can configure the dashboard to show only the cards (i.e., integrations) you want. Each card contains information about the connections for that integration. An integration can have one or multiple connections associated with it.

The following information is displayed for each connection:

- The date and time of the last connection check-in
- The name of the device (which is user-configurable)
- The number of days, hours, and minutes since the last connection check-in (i.e., the "Last Sync")
- For **Licenses**, the expiration date

When a card is **green**, all of the connections associated with that integration are connected properly with DairyComp. When a card is **red**, at least one connection for that integration has failed.

Types of Integrations

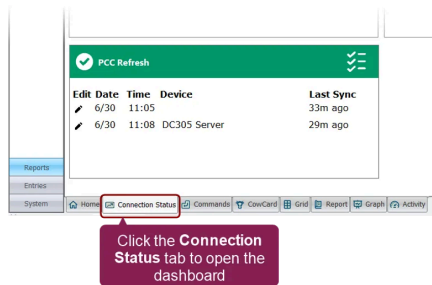
▼ Showing All or Local Connections

See the topics below to learn more:

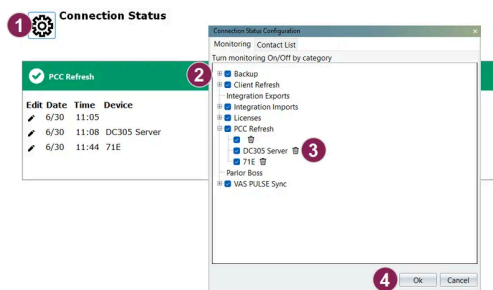
- View and Configure the Dashboard
- Configure Notification Settings

5.5.1. View and Configure the Dashboard

To view the Connection Status dashboard, select the Connection Status tab at the bottom of the screen.



To configure the types of integrations displayed on the Connection Status dashboard:



- 1 Click the Connection Status icon at the top left of the dashboard. The configuration window is displayed, listing all the types of integrations that can be displayed on the dashboard.
- 2 Select the **Monitoring** tab, then check the box for each type of integration to display. Click the plus sign to expand the checkboxes and select individual connections under the chosen integration type. Note that you can only select an integration type that is configured for your DairyComp.
- 3 To delete a connection, select the delete icon .
- 4 When finished, click the **Ok** button.

5.5.2. Configure Notification Settings

Receiving Connection Status notifications requires a two-step setup process:

- First, **create a contact list** of phone numbers and email addresses.
- Then, configure **notification settings for each connection**.

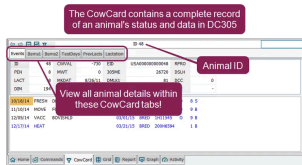
IMPORTANT: Email and text notifications are only available in English. No other languages are supported.

Expand the sections below to learn more:

- ✓ **Create a Contact List**
- ✓ **Set Notifications for Each Connection**

5.6. CowCards

The CowCard is an animal's record in DairyComp; it tells us a great deal about the animal's birth date, sire identification, breeding status, health, production, and more. CowCards are also the foundation from which all reports are made. One of the CowCard's greatest features, however, is the extent to which you can customize the information it displays and how it presents that information.



✓ How do I open a CowCard?

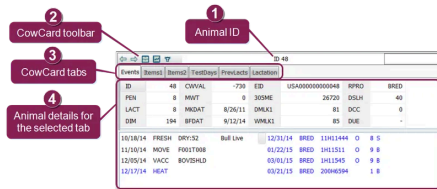
See the topics below to learn more:

- [View CowCards](#)
 - [Events Tab](#)
 - [Items Tabs](#)
 - [TestDays Tab](#)
 - [Previous Lactations Tab](#)
 - [Lactation Tab](#)
 - [Dam Info Tab](#)
 - [Lifetime Tab](#)
- [Actions from the CowCard Toolbar](#)
 - [View Historical Records](#)
 - [View Daily Milk Graphs](#)
- [Tips for Navigating and Locating CowCards](#)
- [Edit CowCards](#)
- [Print CowCards](#)

5.6.1. View CowCards

✓ How do I open a CowCard?

To make using CowCards much easier, there are four main features you should familiarize yourself with.



- 1. Animal ID:** The animal's ID is displayed at the top center of the CowCard.
- 2. CowCard Toolbar:** The toolbar at the top left of the CowCard allows you to perform several other CowCard-related functions. See [CowCard Toolbar](#) to learn more.
- 3. CowCard Tabs:** The tabs across the top of the CowCard are where you will find all details and current status for this animal ([Events](#), [Items](#), [TestDays](#), [PrevLacts](#), and [Lactation](#)).
- 4. Animal Data:** Each tab displays information that is relevant to the animal's current and historic status. The items displayed on a CowCard can be edited at any time. Note that not every tab has an items section (such as the Lactation tab).

See the topics below to learn more about viewing DairyComp CowCards!

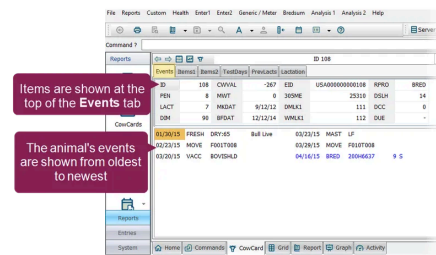
- [Events Tab](#)
- [Items Tabs](#)
- [TestDays Tab](#)
- [Previous Lactations Tab](#)
- [Lactation Tab](#)
- [Dam Info Tab](#)
- [Lifetime Tab](#)

5.6.1.1. Events Tab

Events are specific occurrences (a pregnancy or birth, for example) that happen to an animal, and they typically contain more information than an item. You can even create specific items, like the date of a breeding or the animal's age when they had pneumonia, based on an event.

As illustrated below, the **Events** tab on the CowCard is divided into two sections:

- The top section contains a list of 16 items that are relevant for the animal.
- The bottom section lists the animal's most recent events (up to 64 events) in descending order from oldest to newest.



Be aware of the guidelines below when viewing Events in the CowCard:

- The items at the top of this tab are customizable. Right-click on any item to add, change, or remove it.
- The events listed at the bottom of the CowCard represent the current lactation cycle and is thus considered the active lactation record for this animal.
- With the exception of the BRED event, you can add remarks to any event entered on the CowCard. The BRED event instead stores the sire, technician, breeding result, and breeding code information for the breeding.
- Every lactation record starts with the FRESH event. If a FRESH event is entered erroneously, see the [Fix a Fresh Event](#) FAQ.
- When a cow calves, the whole animal record is archived, and only selected information is carried forward to the next lactation record.

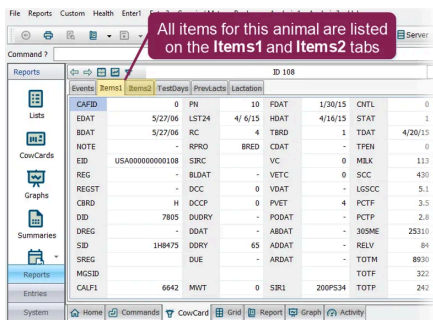
✓ Related Topics

5.6.1.2. Items Tabs

Items are specific facts or data points about the animal (like its breed or the somatic cell count of its milk) and are classified as either Stored or Calculated:

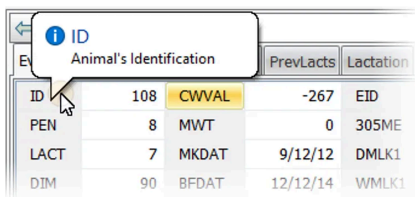
- **Stored items** are data points that don't rely on events or other items (like an animal's birth date) and can be manually entered or changed.
- **Calculated items** (like the somatic cell count) are automatically derived from events or items and require little-to-no user input.

In the CowCard, the **Items1** and **Items2** tabs each display up to 64 items. The default layout of each tab organizes the items into four columns of 16; however, you can edit the items that are displayed, as well as their order, in each tab:



Events	Items1	Items2	Testdays	PrevLacts	Lactation
CAFD	0	PN	10	FDAT	1/30/15
EDAT	5/27/06	LST24	4/ 6/15	HDAT	4/16/15
BDAT	5/27/06	RC	4	TBRD	1
NOTE	-	RPRO	BRED	CDAT	-
EB	USA0000000000108	SRC	VC	0	MLK
REG	-	BLDAT	-	VETC	0
REGST	-	DCC	0	VDAT	-
CBRD	H	DCCP	0	PVET	4
DD	7805	DUDRY	-	PODAT	-
DREG	-	DDAT	-	ABDAT	-
SID	1H8475	DORY	65	ADDAT	-
SREG	-	DUE	-	ARDAT	-
MGSD	CAUP1	6642	MNT	0	SRL1
					200PS34
					TOTF
					TOTF

Move your cursor over an item to view its description:

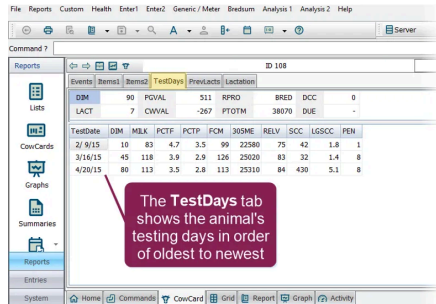


Events	Items1	Items2	Testdays	PrevLacts	Lactation
ID	108	CWVAL	-267	EID	
PEN	8	MWT	0	305ME	
LACT	7	MKDAT	9/12/12	DMLK1	
DIM	90	BFDAT	12/12/14	WMLK1	

✓ Common Items

5.6.1.3. TestDays Tab

As illustrated below, the **TestDays** tab shows an animal's previous testdays (in order of oldest to newest) and the key results from each test.

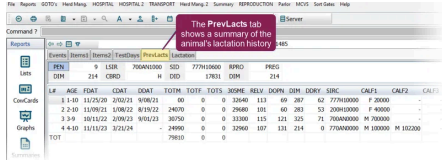


Note the following guidelines for test day information on the CowCard:

- Up to 32 tests may be stored; if more than 32 tests occur, the latest data is overwritten.
- You can plot the items in the test day rows along a graph by using the PLOT command
- The items at the top of this tab are customizable. Right-click on any item to add, change, or remove it.
- If your cowfile is connected to PULSE, the 305-Day Age Adjusted Milk (305AA) column is automatically added to this tab. This value is calculated from your test day data using the latest CDCB age-adjustment factors. See [What is 305AA and how does it differ from 305ME?](#) to learn more.

5.6.1.4. Previous Lactations Tab

If the animal has one or more lactations on record, the **PrevLacts** tab displays a record of the animal's previous lactations and some of the key measurements from each lactation.



L#	AGE	FDAT	CDAT	DDAT	TOTM	TOTF	305ME	RELV	DOPN	DDRY	SIRC	CALF1	CALF2	CALF3
1	2.50	11/25/20	3/23/21	8/18/21	90	0	0	0.0040	111	00	257	42	F 17100000	F 20000
2	2.50	11/09/21	3/09/22	8/19/22	24070	0	0	0.2940	101	40	283	53	200H10000	F 40000
3	3.50	10/11/22	3/09/23	9/01/23	30700	0	0	0.3380	115	121	325	71	700H00000	M 7000000
TOT					78810	0	0							

Each previous lactation row displays the following:

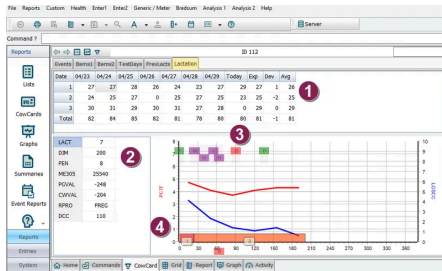
- **L#**: Lactation number
- **AGE**: The animal's age at the time of freshening
- **FDAT**: The fresh date
- **CDAT**: The conception date
- **DDAT**: The dry date
- **TOTM**: Total milk
- **TOTF**: Total fat
- **TOTP**: Total protein
- **305ME**: The final 305 day milk
- **RELV**: The final relative value
- **DOPN**: Days open
- **DIM**: The final days in milk
- **DDRY**: Days dry
- **SIRC**: Sire of the calves born
- **CALF1**: First calf's sex and ID. If stillborn, the value is **DOA**.
- **CALF2**: Second calf's sex and ID (if twins)
- **CALF3**: Third calf's sex and ID (if triplets)

5.6.1.5. Lactation Tab

The **Lactation** tab displays details on the animal's current lactation, including a graph of milk weights that can be compared against other test day data. The averages on this tab are adjusted curves, derived either from monthly test data loads in RECEIVE or through input of daily milk weights.

If the animal does not have a lactation on record, note that this tab is replaced with the [Lifetime Tab](#).

Follow these guidelines when viewing the data on the Lactation tab:



1. **Daily milk weights are displayed at the top of the tab:** If the cowfile is configured for daily milk weights, the last 7 days of individual weights, totals, and averages are displayed above the graph at the top of the tab. You can double-click on any of the daily weights to change them. However, for herds not using daily weights, be aware that this curve is recalculated each time test days are loaded with RECEIVE.
2. **Items Column:** These items provide more information about the animal whose data is being graphed. As with other tabs, you can change any of these items at any time by right-clicking it.
3. **Event tags:** Each marker at the top of the graph represents an event entered for the animal in DairyComp. If your herd uses our DairyComp protocols, the graph displays health events with yellow markers and all other events with purple markers. By hovering your cursor over a marker, you can see the event name, date, and what was typed in the **Remark** field when the event was created.
4. **Customize the graph display:** You can customize the data used by both axes by clicking **directly on** the left or right axis and selecting a different test day item. The default is **Milk** on the left axis and **Log SCC** on the right. For example, you could change the right axis to display percent fat instead. You could also display fat on one axis, protein on the other, and look for inversions.

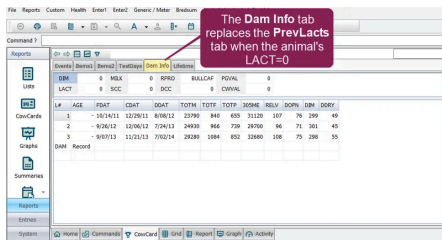
▼ **Show me how!**

5.6.1.6. Dam Info Tab

The **Dam Info** tab is only included on the CowCard when the animal has a LACT value of zero (LACT=0). Once the animal has a FRESH event and starts its first lactation cycle (i.e., receives a lactation value of LACT=1), the Dam Info tab converts to the [Previous Lactations Tab](#).

When the Dam Info tab is present on the CowCard, its purpose is to provide the animal's maternal parentage information.

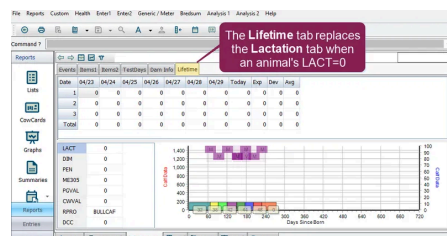
As illustrated below, the top of the tab displays eight items that are relevant to the dam, and the dam's previous lactations are displayed in the bottom half. The items at the top of this tab are customizable. Right-click on any item to add, change, or remove it.



5.6.1.7. Lifetime Tab

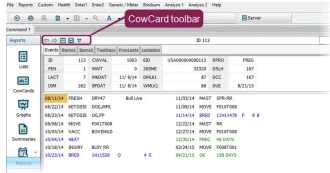
The **Lifetime** tab displays the same items and plot-graph details as the Lactations tab; see [Lactation Tab](#) for a detailed description of this tab. Since the animal has no lactations, however, this tab is mostly empty or contains zero-values by default.

This tab is only displayed when the animal has a LACT value of zero (which can be searched using the phrase LACT=0):



5.6.2. Actions from the CowCard Toolbar

The CowCard toolbar is located above the tabs in the upper-left corner of the CowCard. Using this toolbar, you can quickly navigate between other CowCards and view archived records, hidden animal details, or daily milk graphs:



✓ Tell me what each button does!

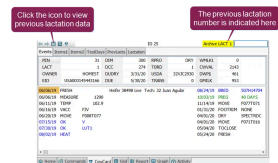
See the topics below to learn more about the actions you can perform from the CowCard toolbar:

- [View Historical Records](#)
- [View Daily Milk Graphs](#)

5.6.2.1. View Historical Records

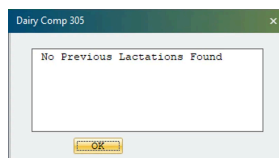
When you first open a CowCard, the information shown in the events and items reflects what has been gathered during the animal's current lactation. To have the CowCard show data from a previous lactation, click the **Previous Lactation** icon .

When you click the icon, the CowCard updates to display the data from the animal's previous lactation. When a previous lactation is being referenced, the yellow Archive LACT # tag appears next to the secondary command line of the CowCard.



You can click the previous lactation again to view data for even earlier lactations (if they're available). If you view data for lactation 0, you'll notice that the [Dam Info Tab](#) and the [Lifetime Tab](#) replace the PrevLacts and Lactation tabs.

To return to the current lactation record, either move to a different CowCard or select the Previous Lactation icon until the No Previous Lactations Found message is displayed.



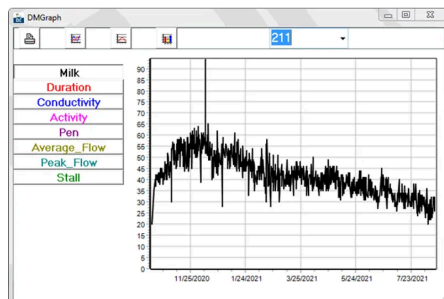
Click to download a video to see how the CowCard shows previous lactation data:

 [Historical Records Procedure_Edit.mp4](#)

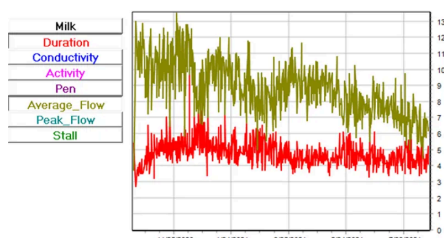


5.6.2.2. View Daily Milk Graphs

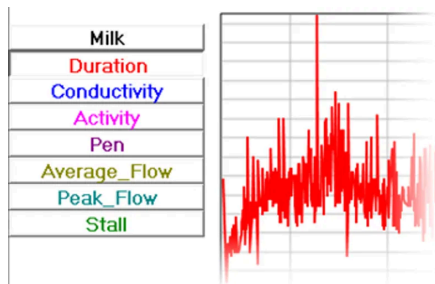
For herds with a meter configured for daily milk readings, clicking the **DMGraph** icon  displays the feature-loaded DMGraph window.



When the window opens, the Milk option is selected by default and represented by a black graph. If you simply select another option, you'll notice the two graphs display simultaneously along the same axes.



To change the data shown and only show one graph, click the current option to deselect it in the Daily Milk graph then click the new option to display.



Use the table below for a brief overview of what each of the options at the top of the window does:

DMGraph Icon	Icon Name	Description
	Print	Prints the displayed graph.
	Toggle Points/Line	Displays the graph as a line or as individual data points.
	Toggle Smooth/Raw	Displays the graph as a line of averages ("smooth") or point-by-point ("raw").
	Toggle Totals/Milking	Displays the animal's total milking amount within a 24-hour time frame or the individual milkings that comprise each total.
	CowCard Selection drop-down	Changes which animal displays on the Daily Milk graph.

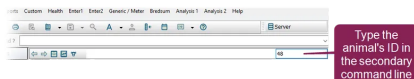
5.6.3. Tips for Navigating and Locating CowCards

Review the tips below when navigating and locating CowCards:

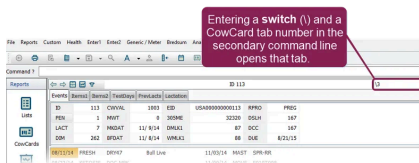
- There are 3 simple ways to open a CowCard. Click below to learn more:

✓ How do I open a CowCard?

- To quickly navigate to a different CowCard, type the second animal's ID number in the secondary command line near the top-right of the window. For example, if you're on the Events tab for an animal with an ID of 3, typing **48** into the secondary command line displays the Events tab for the animal whose ID is 48.



- For a less refined search, you can use the **plus (+)** and **minus (-)** keys on your keyboard to move forward and backward through the current list of animals.
- To move backward or forward through the tabs, enter **B** or **F** in the secondary command line.
- Enter the **switch character (\)** plus a tab number in the secondary command line to go directly to that CowCard tab. For example, **\3** opens the Items2 tab.

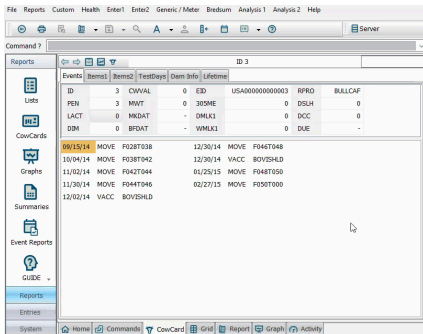


- You can even combine an animal ID with a switch and page number to go directly to that tab on an animal's CowCard. For example, **302\4** takes you to the CowCard for animal ID 302 and opens the TestDays tab.

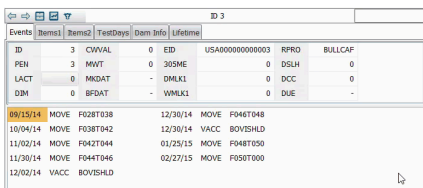
5.6.4. Edit CowCards

Review the tips below when editing CowCards:

- **Add Event:** To submit an event for the animal, enter the abbreviation for the event (such as MOVE or MAST) in the secondary command line. DairyComp then prompts you for the necessary event information.
- **Edit Item in Enter Window:** To change a stored item, enter the name of the item in the secondary command line. For example, enter **PEN** in the secondary command line to open a new ENTER window.



- **Edit Item Directly:** You can also combine the stored item name and the new value for the item in the secondary command line (for example, **PEN=2**) to update the item without using the ENTER window.



- **Alter CowCards:** Using the ALTER > CowCard pages option, you can adjust how the CowCard looks by changing the order of the CowCard tabs, changing what items display for each test date in the TestDays tab, or changing the maximum value for the milk weights plotted on the [Lactations tab](#).

5.6.5. Print CowCards

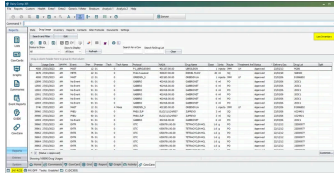
You can print CowCards by clicking the **Print** icon  in the main tool bar, typing **P** in the secondary command line, or by using the EXAM or LIST commands. Though the icon and secondary command line options are quicker, you'll find that using the EXAM and LIST commands offer much more robust printing options.

✓ **EXAM Command**

✓ **LIST Command**

5.7. CowCare

Welcome to VAS CowCare — your one-stop shop for managing drugs and treatment protocols!



CowCare is a dedicated veterinary module that requires the dairy owner to grant permissions to approved veterinary staff and partners to input information on treatments, proper dosage levels and intervals, withholding details for both milk and beef, and other factors critical to overall herd health. CowCare guides the actions of dairy staff as they care for animals throughout the day, including treatments and withhold details, which are pulled into DairyComp. It also makes protocols clear and accessible via the VAS Pocket CowCard and DC on Mobile app.

▼ Tell me more!

See the topics below to get started with CowCare:

- [Install CowCare](#)
- [Launch CowCare](#)
- [Edit Protocols](#)
- [Manage Drug Usage Transactions](#)
- [Manage Inventory](#)
- [View Reports](#)
- [CowCare Contacts](#)
- [CowCare Documents](#)
- [Edit CowCare Settings](#)

5.7.1. Install CowCare

IMPORTANT: Before using CowCare, you must edit your treatment protocols to ensure that they are set up properly in the system. After finishing the procedure below, please proceed to [Edit Protocols](#).

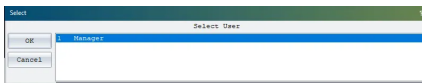
Follow these steps to enable and launch CowCare through DairyComp:

1. In the command line, type **COWCARE** and press **Enter**, or select the CowCare option from the Reports shortcuts on the left side of the screen.

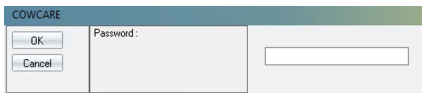
The system launches CowCare and prompts you to select a user account.

2. Upon initial login, use the default username and password shown below:

Default Username: Select **Manager** (with a capital "M") for the username.

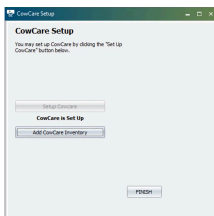


Default Password: Enter **manager** (with a lower-case "m") for the password.



NOTE: After you log in with the default credentials, you'll be able to add and edit CowCare user accounts.

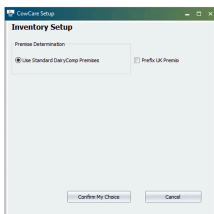
3. Once the password is accepted, you are prompted to set up CowCare for this cowfile.



4. Click **Setup CowCare** to continue the installation.

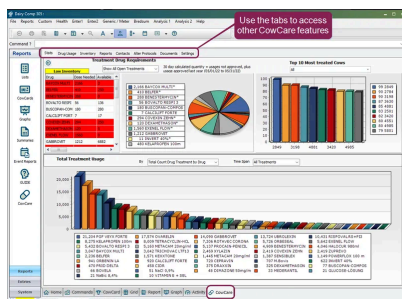
The system displays several status messages as it installs CowCare and creates the drug file.

5. Click the **Add CowCare Inventory** button to display the Inventory Setup screen:



6. Select the **Use Standard DairyComp Premises** option and click **Confirm My Choice** to continue the install.
7. When the installation is complete, click the **Finish** button in the setup window and CowCare automatically launches.

CowCare opens as a separate screen within DairyComp.



NOTE: This topic is based on the latest version of CowCare. Existing DairyComp customers can enable the new CowCare by going to **SETUP > Preferences** and clicking the **Turn on New CowCare** button.

5.7.2. Launch CowCare

Use one of the methods below to launch the DairyComp CowCare module:

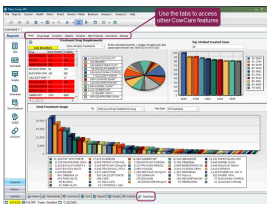
1. In the command line, type **COWCARE** and press **Enter**.

OR

2. Select the CowCare option from the Reports shortcuts on the left side of the screen.



CowCare opens as a separate screen within DairyComp.



With CowCare open, you can continue with other data entry or analysis tasks in DairyComp. Use the tabs at the top of the CowCare screen to access available CowCare features.

✓ Tell me about each CowCare Tab

NOTE: This topic is based on the latest version of CowCare. Existing DairyComp customers can enable the new CowCare by going to **SETUP > Preferences** and clicking the **Turn on New CowCare** button.

5.7.3. CowCare Statistics

CowCare automatically opens to the **Stats** screen, which includes three main sections to help you manage your drug inventory, track drug usage, and evaluate animals that have been on the highest number of treatment protocols.

NOTE: This topic is based on the latest version of CowCare. Existing DairyComp customers can enable the new CowCare by going to **SETUP > Preferences** and clicking the **Turn on New CowCare** button.

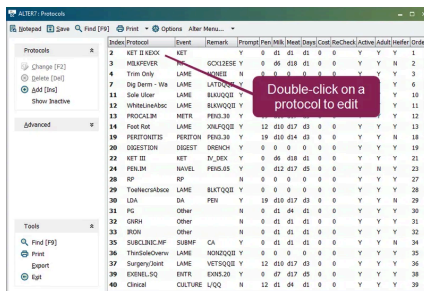
Expand the topics below to learn more about using the Stats screen:

- ✓ **Treatment Drug Requirements**
- ✓ **Top 10 Most Treated Cows**
- ✓ **Total Treatment Usage**

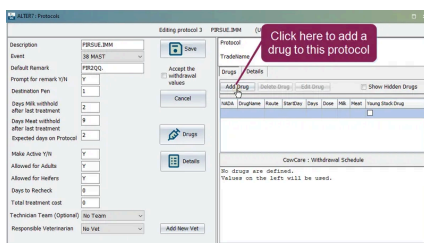
5.7.4. Edit Protocols

After you [install and launch CowCare](#), you need to add assigned drugs to your DairyComp treatment protocols. Follow the steps below to edit protocols:

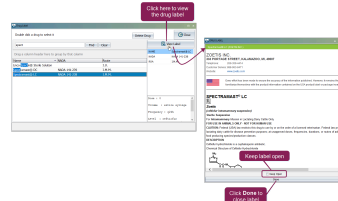
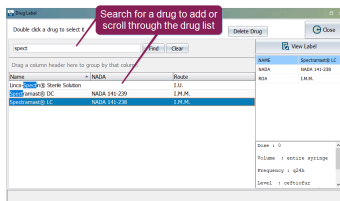
1. In CowCare, click the **ALTER Protocols** tab to open the **ALTER7: Protocols** window.
2. Double-click on any protocol to open it for editing.



3. Click the **Add Drug** button on the right side of the screen to add a drug to the protocol.

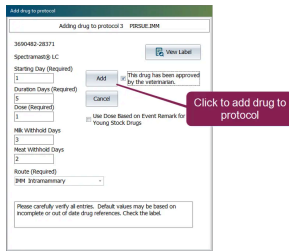


4. Use the search field or scroll through the list to find the drug you would like to add.



NOTE: You can click the **View Label** button on the right of the screen to view details about the selected drug. The label will remain open for 5 minutes so that you can refer to it when entering the drug in the next step. If you need to keep the label open longer, check the **Keep Open** box at the bottom of the screen. Click the **Done** button when you are ready to close the label.

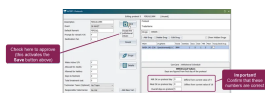
5. Double-click on the drug you want to add to open a form that allows you to add the drug to the protocol (see example in the next step).
6. Enter the following drug information and click the **Add** button to add it to the protocol.



- **Starting Day (Required):** The number of the day of the protocol that this drug is started.
- **Duration Days (Required):** The number of days the protocol is given in a row.
- **Dose (Required):** The amount of the drug that is given.
- **Milk Withhold Days:** The amount of days from the last treatment of that drug that the milk will be withheld for human consumption.
- **Meat Withhold Days:** The amount of days from the last treatment of that drug that cannot be harvested for meat.
- **Route (Required):** Route of drug entry (i.e., how the drug is administered).
- **Use Dose Based on Event Remark for Young Stock Drugs:** Check to substitute an alternate dosage for young stock, such as calves and heifers. When this is enabled, users will be prompted to enter the alternate dosage in a remark when they select this protocol for an animal in an event. When specifying an alternate dosage in the event's remark, users must enter a # symbol, followed by the dose that should be given. For example, a remark of **PENIM#3** would designate that 3 units of the drug (in this case ccs of Penicillin) were given to the calf.

IMPORTANT: Only drugs that are approved by the veterinarian can be added to a protocol. Therefore, the **This drug has been approved by the Veterinarian** box must be checked before you can add the drug.

- After drugs are added to the protocol, verify that the numbers at the bottom of the screen are correct. After you confirm that the information is correct, check the **Accept the withdrawal values** box. Checking this box activates the **Save** button.

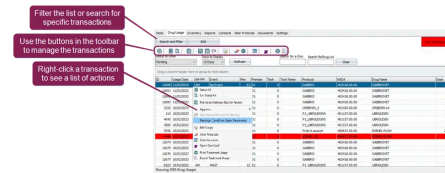


- Click **Save** to save the changes to the protocol, and then repeat the steps above to edit all other required protocols.
- When you are finished, close the **ALTER7 : Protocols** window to return to CowCare.

From here, you can proceed to the [Manage Drug Usage Transactions](#) to begin managing drug usage transactions.

5.7.5. Manage Drug Usage Transactions

Use the Drug Usage page in CowCare to review, edit, and approve drug usage transactions. Open **CowCare** and then click on the **Drug Usage** tab to open the Drug Usage page:

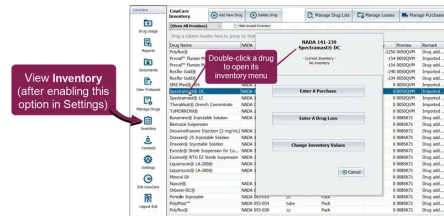


Expand the topics below to learn more:

- ✓ **Drug Usage Toolbar and Shortcuts**
- ✓ **Search and Filter Drug Usage Transactions**
- ✓ **Approve a Drug Usage Transaction**
- ✓ **Edit a Drug Usage Transaction**
- ✓ **Reassign or Delete Open Treatments for a Cow ID**

5.7.6. Manage Inventory

The CowCare Inventory page allows you to manage your drug inventory. Click the **Inventory** button in the left toolbar to open the Inventory page.



✓ The Inventory option is not displayed by default. If you don't see it in the left toolbar, click [here](#)!

- Use the buttons at the top of the page to add new drugs, delete drugs, manage your drug lots, manage your drug losses, and manage your drug purchases.
- Double-click on any drug to open the inventory menu shown in the example above. Only drugs that are assigned to a protocol are shown in this list.

IMPORTANT: If this is the first time you are using CowCareInventory, you should proceed with [Change Inventory Values](#) before entering purchases or losses.

Expand the topics below to learn more:

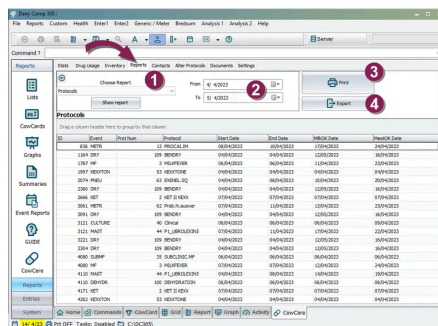
- ✓ **Enter a Purchase**
- ✓ **Enter a Drug Loss**
- ✓ **Change Inventory Values**
- ✓ **Reconcile Inventory Quantities**

5.7.7. View Reports

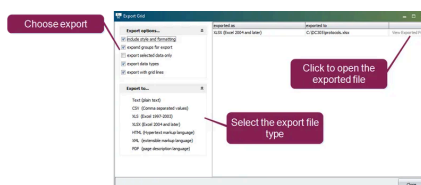
Multiple reports related to Protocols, Drug Usage, and Drug Inventory are available in CowCare. Click the **Reports** tab to open the Reports screen.

NOTE: This topic is based on the latest version of CowCare. Existing DairyComp customers can enable the new CowCare by going to **SETUP > Preferences** and clicking the **Turn on New CowCare** button.

See the information below to learn more about the Reports screen options.



1. **Choose Report:** Select a report from the **Choose Report** drop-down.
2. **Date Picker:** Use the date picker to set a start and end date for the selected report.
3. **Print:** Send the report to the standard [DairyComp printer](#).
4. **Export:** Export the report in variety of formats.

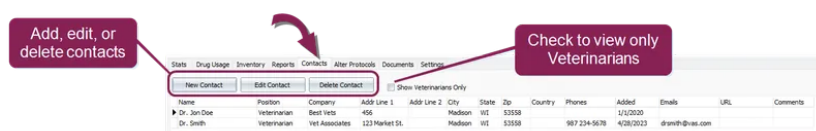


5.7.8. CowCare Contacts

The **Contacts** tab maintains contact information for personnel including veterinarians, VCPR vets, and support staff.

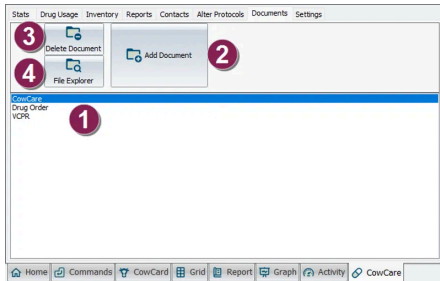
NOTE: This topic is based on the latest version of CowCare. Existing DairyComp customers can enable the new CowCare by going to **SETUP > Preferences** and clicking the **Turn on New CowCare** button.

You can use the Contacts tab to view, add, edit, or delete contacts from CowCare. You can also filter the list to view Veterinarians only.



5.7.9. CowCare Documents

The Documents screen allows you to store all your dairy's VCPR (Veterinarian Client-Patient Relationship) documentation in one location. You can also set a VCPR Expiration Date that will notify users when the documentation needs to be updated. Click the **Documents** tab to open the CowCare Documents screen.



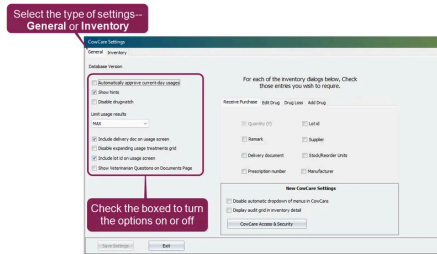
1. **Documents list:** Double-click to open and view a document.
2. **Add Document:** Click to open a File Explorer window and select a document to upload to CowCare.
3. **Delete Document:** With a document selected from the Documents List, click **Delete Document** to remove the file from CowCare.
4. **File Explorer:** Click to open a File Explorer window that contains all of your CowCare documents. (X:\DairyComp\CowCare)

The Veterinarian Name, Email, and Phone fields are optional, but if the Email is included, then when any changes are made to protocols in ALTER\7, an automatic notification will be sent to the Vet, informing them what is occurring at the facility.

NOTE: This topic is based on the latest version of CowCare. Existing DairyComp customers can enable the new CowCare by going to **SETUP > Preferences** and clicking the **Turn on New CowCare** button.

5.7.10. Edit CowCare Settings

Click the **Settings** tab to manage how CowCare operates and enable some of its features.



Expand the topics below to learn more:

- ✓ **General Settings**
- ✓ **Inventory Settings**

NOTE: This topic is based on the latest version of CowCare. Existing DairyComp customers can enable the new CowCare by going to **SETUP > Preferences** and clicking the **Turn on New CowCare** button.

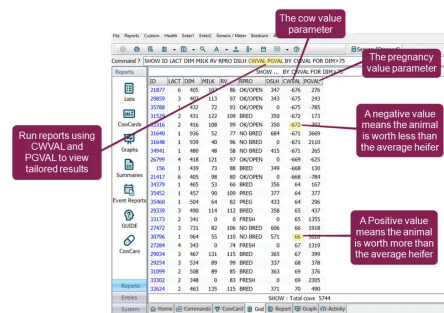
5.8. CowVal (Cow Value)

CowVal is a powerful tool for estimating the value of each adult animal in your herd. These estimates can help you decide when an animal should be replaced and sold, optimizing the value of your herd. CowVal also calculates the current value of a pregnancy for each adult animal, helping you determine whether an open animal should be bred.

CowVal calculations are relative to an average fresh heifer in your herd:

- A positive value from CowVal means that the animal is worth more than the average heifer in your herd.
- A negative value suggests that the animal is worth less than the average heifer.

In order to display these positive/negative values, CowVal introduces two new parameters to your DairyComp system—CWVAL (Cow Value) and PGVAL (Pregnancy Value). By running a report containing these parameters, you can see the value of individual animals, with results tailored to include just what you want to include (DIM, LACT, etc).



✓ Check out our webinar on how to use CowVal!

See the topics below to get started with your own CowVal evaluations!

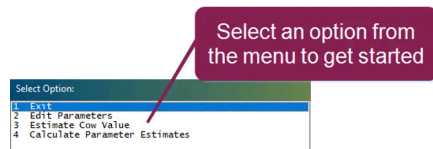
- [Launch CowVal](#)
- [Set CowVal Parameters](#)
- [Estimate Cow Value](#)

5.8.1. Launch CowVal

To launch the CowVal module, enter `COWVAL` in the command line.

Alternatively, you can enter `COWVAL\F` to launch a version of CowVal that uses protein and fat content when formulating Cow Value estimates. This allows Jersey, cross-breed, or mixed-breed herds to account for the value of milk components in addition to the volume of milk the animal will produce.

Once you launch CowVal (using either method), DairyComp displays the following menu.



See the topics below to continue:

- [Set CowVal Parameters](#)
- [Estimate Cow Value](#)

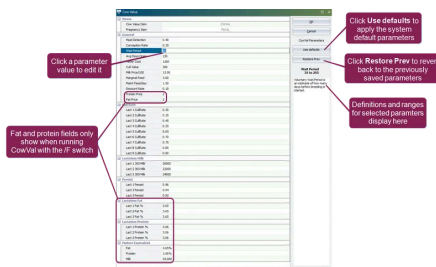
NOTE: You can also run CowVal in **unattended mode** by entering either `COWVAL\G` or `COWVAL\FG` in the command line (depending on whether or not you want to include fat and protein in your estimates). In this case, the CowVal menu will not display, but the system will automatically calculate Cow Value estimates, allowing you to skip directly to running DairyComp reports containing the CWVAL and PGVAL items.

5.8.2. Set CowVal Parameters

CowVal calculates the value of adult animals based on parameters for your herd. Think of parameters as the parts of an equation—when you change a parameter, the result of the equation changes too. The parameters CowVal uses need to be reasonably accurate in order to give you a useful estimate of an animal's value.

The first time you use CowVal, it's helpful to have the system calculate the parameter values for you. To do so, select **Calculate Parameter Estimates** from the CowVal menu.

This tool uses the animal data from your cowfile to estimate the pregnancy rate, heat detection rate, and the 305 day milk production averages. After the system calculates the parameters, it presents them in the Cow Value window. To accept these calculated parameters, click **OK**.



NOTE: The **Calculate Parameters Estimates** tool may not work if you have a new herd, since there may be a lack of historical cowfile data to use. See [Editing Parameters](#) for more on adding parameters for a new herd.

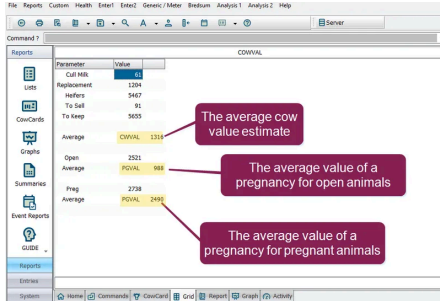
✓ Cow Value Parameter Definitions

✓ Editing Parameters

Once you have set up your parameters, you're ready to start estimating animal values! See [Estimate Cow Value](#) for more information.

5.8.3. Estimate Cow Value

To calculate your CowVal estimate, select **Estimate Cow Value** from the [CowVal menu](#). Once the calculation completes, the system displays a summary window containing its estimates.



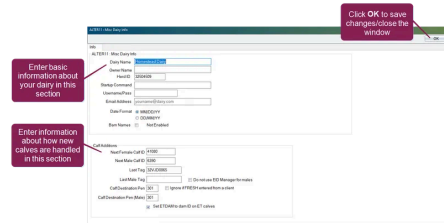
Parameter	Value
Cull MBL	1001
Replacement	1284
Refers	5487
To Sell	91
To Keep	3653
Average	CWVAL 1315
Open	2521
Average	PGVAL 988
Preg	2738
Average	PGVAL 2491

IMPORTANT: The first time you use the **Estimate Cow Value** option, the system prompts you to create the two new DairyComp items it uses to display animal values—CWVAL (to store the Cow Value estimate) and PGVAL (to store the value of a pregnancy). Agree to these changes when prompted.

- ✓ **How Does CowVal Estimate an Animal's Value?**
- ✓ **Summary Field Definitions**
- ✓ **Create DairyComp Reports to View Cow Values**
- ✓ **Interpreting CowVal Report Data**
- ✓ **Add CWVAL and PGVAL to Your Vet List**

5.9. Dairy Information

You can view and edit information about your dairy through the **Info** window. To open this window, simply enter `ALTER\11` in the command line.



The top portion of the window contains basic information about your dairy, such as its name, its Herd ID number, and the date format used by DairyComp.

The **Calf Additions** section of the window contains values for controlling how new calves are entered and displayed by DairyComp. For example, you can define the next ID numbers assigned to new female or male calves, or check the box that tells DairyComp not to use the EID Manager for male calves.

When a calf is born as a result of an embryo transfer breeding, the ETDAM item on the calf is automatically set to the donor ID. The **Set ETDAM to dam ID on ET calves** option allows you to control whether or not the ETDAM item is added for these calves.

When you're done making your changes, click the **OK** button to save them and close the window.

5.10. Events

Events are specific, chronological actions or occurrences related to an animal within DairyComp. They are the building blocks of an animal's history, from freshening and breeding to health treatments and sales. Events are stored in the order of their occurrence and drive all herd-level reports and analysis.

Events are distinct from items, which are specific facts or data points about an animal, such as its ID, lactation number, or pen. Events typically contain more information than an item. The key purpose of recording an event is to capture a diagnosis or a significant occurrence, not just a treatment protocol. For example, you should record a MAST (mastitis) event, rather than a drug treatment, because the event is what you want to analyze later.

See [Items Tabs](#) to learn more about items in DairyComp.

✓ **Viewing and Managing Events**

✓ **Entering Events**

✓ **Using FOR Conditional Statements**

See the topics below to learn more about Events.

-
- [Event Definitions](#)
 - [Events Command](#)

5.10.1. Event Definitions

See the descriptions below to learn more about the events available in DairyComp. You can view and manage all of your DairyComp event options using the ALTER9 : Events command. See [ALTER9 : Events](#) for more information.

- ✓ **FRESH**
- ✓ **OK**
- ✓ **RECK**
- ✓ **HEAT**
- ✓ **BRED**
- ✓ **PREG**
- ✓ **OPEN**
- ✓ **PREV**
- ✓ **MOVE**
- ✓ **BULLPEN**
- ✓ **DRY**
- ✓ **ABORT**
- ✓ **DNB**
- ✓ **SOLD**
- ✓ **DIED**
- ✓ **CHECK**
- ✓ **CALFVACC**
- ✓ **XID**
- ✓ **BCS**
- ✓ **CLOSEUP**
- ✓ **CULTURE**
- ✓ **TBTEST**
- ✓ **MEASURE**
- ✓ **WEAN**
- ✓ **DEHORN**
- ✓ **TEMP**
- ✓ **TEATX3**
- ✓ **MAST**

- ✓ PNEU
- ✓ LAME
- ✓ METR
- ✓ RP
- ✓ KETOSIS
- ✓ MF
- ✓ DA
- ✓ DIARRHEA
- ✓ PINKEYE
- ✓ CYSTIC
- ✓ OTHER
- ✓ TRIM
- ✓ BLSERUM
- ✓ VACC
- ✓ TRANSFER

5.10.2. Events Command

The EVENTS command is a powerful and versatile tool used to retrieve, summarize, and analyze historical event data for individual animals or the entire herd. It goes beyond the active cowfile by automatically accessing archived records, providing a complete historical overview.

There are two ways to use the EVENTS command:

- Event Options menu: Choose from a list of options for basic reports using default settings and no customization.
- Command Line mode: Enter the EVENTS command along with a string of parameters to customize your report, such as FOR statements and switches.

✓ **Events Options Menu**

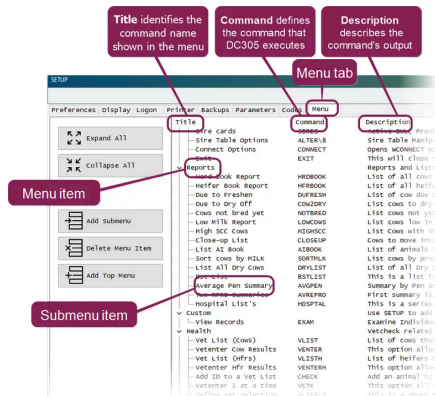
✓ **Command Line Mode**

✓ **Report Types**

5.11. Menu Customization

DairyComp has various menu customization tools so you can tailor DairyComp to best fit your dairy's needs. You can add commands to the menu or edit the details of any menu option, like the menu option name or the command that it executes. DairyComp menus are fully configurable by the user!

To start customizing your menu, enter SETUP in the command line to open the Setup Window, then click on the Menu tab. The Menu tab shows all the current main menu and submenu items configured for your DairyComp, as well as the commands that run when you click a sub-menu item.



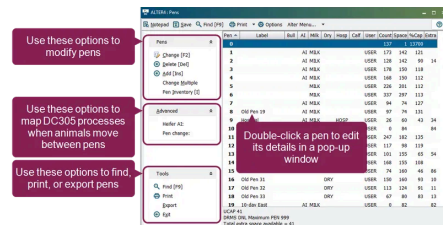
Expand the topics below to learn more:

- ✓ **Add a Command to the Menu**
- ✓ **Edit a Command**
- ✓ **Rearrange the Menu**

5.12. Pens

The ALTER4: Pens option allows you to manage your DairyComp pens or to view a historical pen inventory. You can create new pens, and also delete, rename, or change (ALTER) them.

To open the Pens List window, enter ALTER in the command line, then select **[4] Pens** from the menu. Alternatively, you can enter **ALTER\4** directly in the command line.



When setting up your pens, DairyComp can automatically record the date when an animal enters a pen. This helps accurately reflect an animal's reproductive or health status. For example:

- **BULL Pens:** Recording the move-in date for a BULL pen helps you estimate conception dates. See [BULL Pen](#) and [Pen Change](#) to learn more.
- **AI Pens:** Many dairies only enroll animals in breeding or sync programs when they move into an active AI pen (AIPEN>0). Recording this move-in date is important because it allows you to:
 - Enter **BREDSUM AIDAT\Y** in the command line to quickly see your BREDSUM analysis and monitor key metrics like reproductive performance, conception rate, and pregnancy rate.
 - Enter **BREDSUM FOR AIPEN>0** in the command line to filter your BREDSUM analysis to include only animals that have moved into AI pens.
 - Create more flexible and future-proof command abbreviations using **ALTER\3**, because the **AIPEN>0** filter automatically includes all animals in any AI pen. This eliminates the need to manually update your abbreviations whenever a specific AI pen number changes or a new one is added.
 See [AI Pen](#) and [Heifer AI](#) to learn more.

Expand the sections below to learn more:

- ✓ **Guidelines for Working with Pens**
- ✓ **Learn about Pen Types**
- ✓ **Add a Pen**
- ✓ **View or Change a Pen**
- ✓ **Delete a Pen**
- ✓ **Modify Multiple Pens**
- ✓ **View Pen Inventory**
- ✓ **Set Up Pen Capacity**
- ✓ **Move an Entire Pen of Animals to a New Pen**
- ✓ **Advanced Pen Options**

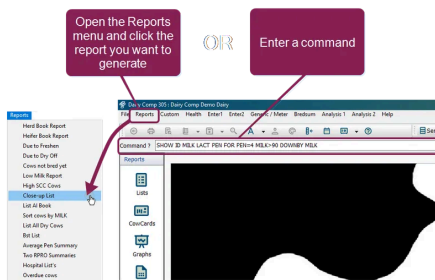
▼ **Find, Print, and Export Pen Definitions**

5.13. Reports

Reports are an important tool in DairyComp that can help you keep track of your dairy's activities. With a simple command or a few mouse clicks, you can generate an up-to-date report, compiled using your dairy's metrics, right at your fingertips.

In order to create and utilize reports effectively, you need to understand how DairyComp commands work. Generating reports are just one way of using commands, but it's important for you to understand their syntax and organization. (See [Command Line](#) to learn more).

To run a report, you can either enter a command string in the command line, or you can run an already existing command from the Reports menu:



See the topics below to learn more:

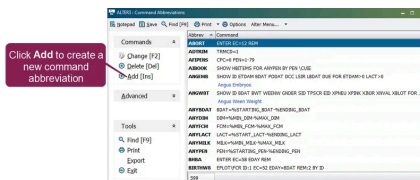
- [Create Custom Reports](#)
- [Run Multiple Reports](#)
- [Print Reports and Change Layout](#)
- [Common Reports](#)
 - [Animals Freshened by Date](#)
 - [Animals Sold/Died by Date](#)
 - [BREDSUM Reports](#)
 - [Cull/Beef Animals](#)
 - [Milk Production Over Time](#)
 - [Parlor Reports](#)

5.13.1. Create Custom Reports

Once you know how to [use the command line to enter command strings and run reports](#), you can save these command strings to run those reports at any time without having to enter them every time. Reports that you create and save are called "custom reports."

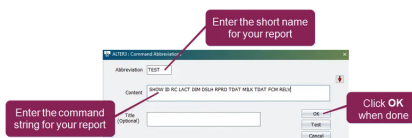
Follow these steps to create a custom report:

1. In the command line, enter `ALTER \3` to open the Command Abbreviations window.



This window allows you to view and change all of the command abbreviations for your DairyComp. You can also add new command abbreviations for things like custom reports!

2. Click **Add** (or press the **Insert** key on your keyboard) to open a window for creating new command abbreviations.
3. Enter an abbreviation and the content for your new custom report.



- The **Abbreviation** is the short, common name that you will enter when you want to run the command/report. This is also the name that will appear on the Reports menu (if you add it there).
 - The **Content** is the actual command string that the system will execute when the abbreviation is run.
 - The **Title** field is optional. Information entered here will display on-screen when the command is executed. If the command is printed, this information will appear at the top-center of the page.
4. When you're done, click **OK** to apply your changes and then **OK** again to save your new custom report.

Now when you enter its abbreviation in the command line, your custom report will run! You can also save it to the DairyComp menu. See [Add a Command to the Menu](#) to learn more.

5.13.2. Run Multiple Reports

You can run more than one report at a time by running reports in a "batch." To do so, enter the command strings for the reports in the command line, separated by an exclamation point (!). For example:

SUM MILK PEN PEN!LIST ID RPRO MILK FOR MILK>80

NOTE: Running reports in batches automatically sends them to your system's printer (if the printer is properly configured).

You can also run "named" commands/reports in batches using the same syntax. For example:

DRYLIST!CLOSEUP

In this case, the DRYLIST command runs first, followed by the CLOSEUP command. However, the second (and third, etc.) command will not run until you click in the command line field in DairyComp.

Note that you can create new command abbreviations through the `ALTER\3` command based on this batch report concept. For example, you could create a command called "MONTHLY" that would run your batch without having to enter the string in the command line:

MONTHLY=DRYLIST!CLOSEUP

5.13.3. Print Reports and Change Layout

There are three ways to print a report that is currently being displayed in the browser:

- Press the **P** key on your keyboard.
- Click the printer icon on the toolbar.
- Select **Print** from the File menu.

✓ **Activate a New Printer**

You can also change the way reports display on screen and in print using various switches and syntax. See the topics below to learn more:

✓ **Display Reports in Multiple Columns**

✓ **Specify Field Widths**

5.13.4. Common Reports

Check out the topics below for more information on common reports in DairyComp:

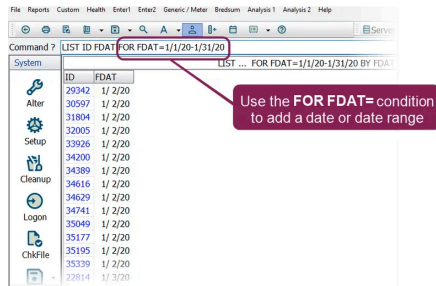
- [Animals Freshened by Date](#)
- [Animals Sold/Died by Date](#)
- [BREDSUM Reports](#)
- [Cull/Beef Animals](#)
- [Milk Production Over Time](#)
- [Parlor Reports](#)

5.13.4.1. Animals Freshened by Date

In the command line, enter a **LIST** or **SHOW** command to build a report with the items you want in the report, just as you normally would. But this time, add a **FOR FDAT=** condition that specifies the date (or date range) for the freshened animals. For example:

LIST ID FDAT FOR FDAT=1/1/20-1/31/20

In this simple example, we're requesting a report that shows the **ID** and freshened date (**FDAT**) of animals that freshened in January, 2020.



To view freshened animals for a single date, just use the applicable date instead of a range:

LIST ID FDAT FOR FDAT=1/15/20

5.13.4.2. Animals Sold/Died by Date

Animal records are not deleted once they are sold or have died. However, records for sold or died animals are archived after a certain period of time. This is important because it changes the command used to view a list of sold/died animals by date.

✓ **Want to learn more about how animal records move to the archive? Click here!**

To view a list of sold or died animals by date that have not yet been archived:

Pull the applicable animal records directly from the cowfile using the ARDAT item in the command. The ARDAT (Archive Date) item tells the system the date on which the animal was sold or died. So, to view a list of animals that were marked as sold on March 1, 2020 (and that have not yet been archived), your command would like this:

LIST ID FOR ARDAT=3/1/20 \D

You can also enter a date range instead of a single date, as in:

LIST ID FOR ARDAT=3/1/20-4/15/20 \D

The \D switch in the command tells the system to look for animals that have died.

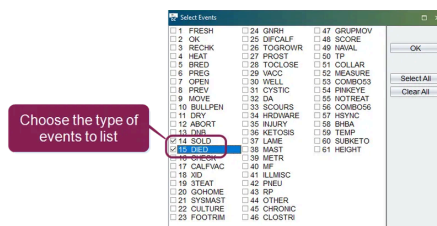
To view a list of sold or died animals by date that have been moved to the archive:

Use the EVENTS command to search for these animals in the DAT and ARC files (rather than the cowfile). In this case, you'll use switches to select the dates and the events to list. For example:

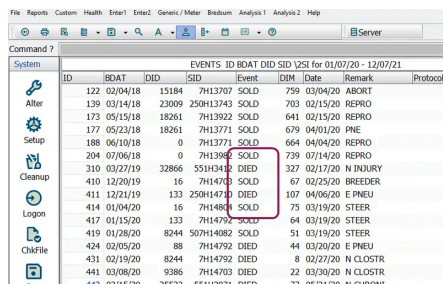
BDAT DID SID \2SI

Notice that the switch at the end of this command string has three parts:

- **\2** tells DairyComp to run option 2 for the EVENTS command, which creates a list of animals and events.
- **\S** tells DairyComp to prompt for a start and end date for the events. Here is where you'll provide the date(s) for which you want results.
- **\I** tells DairyComp to prompt for the type of event(s) to include in the list. For our purposes we would choose SOLD and/or DIED



Running this command generates a list of SOLD/DIED animals for the date(s) specified.

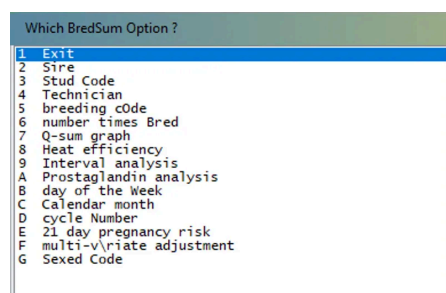


System	ID	BOAT	DID	SID	Event	DM	Date	Remark	Protocols
	122	02/04/18	15184	7H13707	SOLD	759	03/04/20	ABORT	
	139	03/14/18	23009	250H13743	SOLD	703	02/15/20	REPRO	
	173	05/15/18	18261	7H13922	SOLD	641	02/15/20	REPRO	
	177	05/23/18	18261	7H13771	SOLD	679	04/01/20	PNE	
	188	06/10/18	0	7H13771	SOLD	664	04/04/20	REPRO	
	204	07/06/18	0	7H13948	SOLD	739	07/14/20	REPRO	
	310	03/27/19	32866	551H3410	DIED	327	02/17/20	N INJURY	
	410	12/20/19	16	7H14703	SOLD	67	02/25/20	BREEDER	
	411	12/21/19	133	250H14703	DIED	107	04/06/20	E PNEU	
	414	01/04/20	16	7H14801	SOLD	75	03/19/20	STEER	
	417	01/15/20	133	7H14703	SOLD	64	03/19/20	STEER	
	419	01/28/20	8244	507H14082	SOLD	51	03/19/20	STEER	
	424	02/05/20	88	7H14792	DIED	44	03/20/20	E PNEU	
	431	02/19/20	8244	7H14792	DIED	8	02/27/20	N CLOSTR	
	441	03/08/20	9386	7H14703	DIED	22	03/30/20	N CLOSTR	
	443	03/15/20	55472	551H3071	DIED	77	05/21/20	N FHBRENT	

5.13.4.3. BREDSUM Reports

BREDSUM is the DairyComp command used to examine the effectiveness of a breeding program. BREDSUM has options to produce most of the traditionally used reproductive statistics and measures, including services per conception, conception rates, days to conception, and Q-Sum conception graphs. It also contains options to produce some other less familiar measures such as prostaglandin effectiveness, interval analysis, and Q-Sum for heat detection efficiency.

Most of the BREDSUM outputs create a table that groups individual breedings by categories and displays numbers of breedings and percentage totals in each category. There are some predefined options for grouping available (by sire, by stud code, by technician, by breeding code, etc.). You will be prompted to select your preferred grouping option when you run the BREDSUM command.



Further grouping can be done by use of FOR and BY statements, used in the standard manner of other commands within DairyComp. BREDSUM looks at all breedings for animals in the condition list. If no condition list is entered, the entire herd over the past 365 days, including dead cows, is used.

See the topics below to get started with BREDSUM reports:

- ✓ **Run a BREDSUM Report**
- ✓ **BREDSUM Report Example**
- ✓ **BREDSUM Switches**
- ✓ **BREDSUM Syntax**

5.13.4.4. Cull/Beef Animals

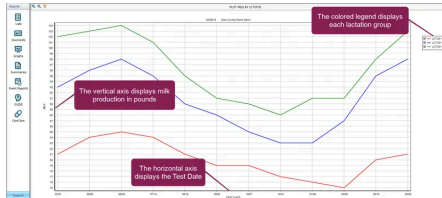
You can create a list of animals for potential culling and then send that list to your mobile device, rather than printing a paper copy of it. To do so, follow the steps below:

- ✓ **Step 1: Define your culling parameters**
- ✓ **Step 2: Set a custom item value for each animal on the list**
- ✓ **Step 3: Send the list to your mobile device**

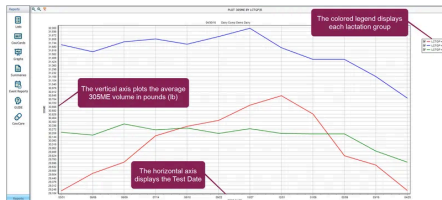
5.13.4.5. Milk Production Over Time

DairyComp offers various reports that display charts and graphs to help you better understand and visualize milk production over time. The commands along with examples of these reports are described below.

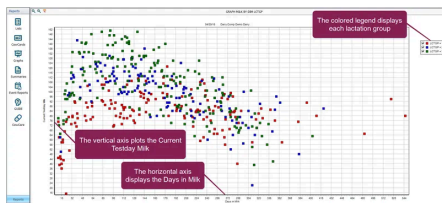
The **PLOTMILK BY LCTGPIR** command displays a chart that plots the average daily milk by lactation group.



The **PLOT 305ME BY LCTGPIR** command displays a chart that plots the average 305 day mature equivalent by lactation group.



The **GRAPH MILK BY DIM LCTGP** command displays a scatter graph of the current daily milk production and DIM for all cows currently in production.



5.13.4.6. Parlor Reports

You can use the `PARLOR` command to generate a report that summarizes your daily milk activity.

NOTE: You can only generate parlor reports for current milkings in DairyComp, not for previous ones.

Expand the topics below to learn more about Parlor reports.

- ✓ **Run a Parlor Report**
- ✓ **Parlor Report Breakdown**

5.14. Reproductive Codes

Reproductive codes (commonly referred to as "repro" codes) indicate an animal's reproductive status. The chart below lists all DairyComp repro codes, including:

- Their RC number (e.g., **RC=3**).
- Their RPRO status (e.g., **OK/OPEN**).

In CowCard and DairyComp lists, an animal's repro code is shown as RPRO status (e.g., **OK/OPEN**, **PREG**, **FRESH**, etc.) because it easily identifies the animal's reproductive status. However, knowing each RC number has great advantages as well. It is actually preferable to use the RC number in the **FOR** statement when creating lists or reports. For example, if you want a list of all first lactation cows that are inseminated you can type the following filter in the command line:

SHOW ID LACT RPRO FOR LACT=1 RC=4 Reproductive code = 4 (BRED). Used to identify animals that have been bred but not do not qualify for open or pregnant status.

Or if you want to know how many cows are marked as DNB, you can use the following filter:

SUM FOR LACT>0 RC=1. Score based on animal age and cost of events to date. The higher the index value, the more likely the animal should be sold.

See the chart below when working with DairyComp repro codes:

RC number	RPRO Status	Description
RC=0	Blank " "	Used for young calves and heifers that have not been bred.
RC=1	DNB	Do Not Breed (DNB) animals.
RC=2	FRESH	Animals that have recently given birth ("FRESH").
RC=3	OK/ OPEN	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	BRED	Inseminated animals that have not been diagnosed as PREG or OPEN.
RC=5	PREG	Animals that have been declared pregnant.
RC=6	DRY	Animals in their Dry period (not milking).
RC=7	SOLD/ DIED	Any animal that was sold or has died.
RC=8	BULLCA F	A male that was added to DairyComp.

✓ **Click here to find a list of Reproductive Codes in DairyComp.**

5.15. SETUP Command

The SETUP command has options for controlling DairyComp parameters and preferences, display and printer settings, and more. Settings contained in SETUP are independent of cowfiles. To change things like items, commands and cowfile specific parameters, use the [ALTER](#) command.

The items changed in SETUP are stored in either the file DCSETUP.TXT or DCSETUP.DAT (not the cowfile), so they affect all cowfiles equally.

Running SETUP in the command line without any switches opens a tabbed window with various options. However, you can also run it with switches to bypass the tabbed window and quickly run SETUP commands like the ones shown in the syntax examples below.

- ✓ **SETUP syntax**
- ✓ **SETUP switches**

5.16. Sires and Semen Inventory

In DairyComp, you can use the **SIRES** command to view individual sires. After each sire is processed, DairyComp creates and distributes the new DCSIRES.DAT file with the updated proofs.

By utilizing the **SEMINV** command, you can manage your semen inventory files, as well as create and enter new information or items.

See the topics below for more information on sires and semen inventory:

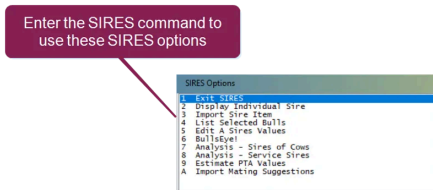
-
- [SIRES Command](#)
 - [Semen Inventory \(SEMINV\)](#)
 - [Using Sexed Sires](#)

5.16.1. SIRES Command

You can use the **SIRES** command to view information about individual sires in the DairyComp sire file. The sire file is automatically updated within DairyComp every January and July from USDA and breed association sire runs.

The sire file (DCSIRE.DAT) is a DairyComp data file that lists the information of about 800 sires. The file is compiled from USDA, NAAB, breed association, and type proofs. It is then distributed twice a year to registered DairyComp users.

When you enter the **SIRES** command, DairyComp displays a pop-up window with several options.



Expand the topics below to learn more:

- ✓ **Display Individual Sire**
- ✓ **List Selected Bulls**
- ✓ **Edit Sires Values**
- ✓ **Bullseye!**
- ✓ **Analysis (Sires of Cows)**
- ✓ **Analysis (Service Sires)**
- ✓ **Estimate PTA Values**
- ✓ **Import Mating Suggestions**

5.16.2. Semen Inventory (SEMINV)

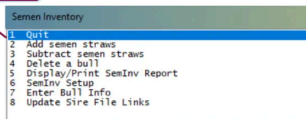
You can use the **SEMINV** command to manage your semen inventory. You can add or subtract straws, update or delete sire information, and define or print a semen inventory report. You can also use the command to import and update various files of semen prices and semen inventory.

The command is primarily used for updating the sire file during its creation. When you enter the **SEMINV** command, the system looks for the semen inventory file, which is stored in a separate file (usually named SEMFILE1.DAT). If you have a semen inventory file, the system will display a blank semen file when the **SEMINV** command is entered. If there are no semen files found, the system will create a new file when the **SEMINV** command is entered.

NOTE: Make sure your daily backup file (DB.BAT) includes your semen inventory file.

When you enter the **SEMINV** command, DairyComp displays a pop-up window with additional options.

Use this menu to select SEMINV options



Expand the topics below to learn more:

- ✓ **Add or Subtract Semen Straws**
- ✓ **Delete A Bull**
- ✓ **Display/Print Semen Inventory Report**
- ✓ **Semen Inventory Setup**
- ✓ **Enter Bull Info and Update Sire File Links**
- ✓ **Semen Inventory Results after a BRED Command**

5.16.3. Using Sexed Sires

Customers who do not use NAAB codes can use the enhanced Sexed Sire feature in DairyComp to designate a sire as sexed female, sexed male, and sexed and unsexed beef sires.

✓ How does this help me?

NOTE: This feature is mainly for non-US herds, where NAAB codes are not available. In the US, it is always, highly recommend that you use NAAB codes for sire entries. The short names, ISO tags, breed, etc. are still available, and the short name, breed, stud, and sexed code are automatically populated for any sire defined with a NAAB code. To help clarify the benefit of using NAAB codes, the ability to edit breed and stud codes from the sire edit screen in ALTER\8 has been removed.

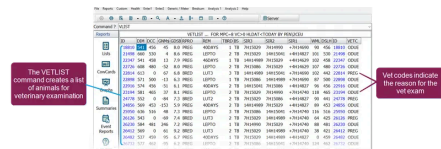
See the topics below to learn more about using sexed sires:

- ✓ **How to Designate a Sexed Sire**
- ✓ **Editing Sires in the ALTER8 Sires Configuration**
- ✓ **Displaying Sexed Codes as Items**
- ✓ **Sexed Sire Items**
- ✓ **Example Commands**
- ✓ **How Sexed Sires are Stored in the Sire Table**

5.17. Veterinary Procedures

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 or treated for a variety of reasons, including pregnancy checks, post-calving exams, vaccinations, or other wellness checks and treatments.

Vet lists allow you to 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 by DairyComp. Once a vet list is generated, the veterinarian can examine the listed animals and enter the results of these exams into DairyComp.



There are three main steps involved with using vet lists:

1. Set the parameters to tell DairyComp which animals to examine. This is done using vet codes.
2. Generate the vet list. This is done using a `VETLIST` command.
3. Enter the results of the veterinary exam. This is done using the `VENTER` command.

See the topics below to learn more:

- [Vet Codes](#)
- [Generate Vet Lists](#)
 - [Group Vet List Items](#)
 - [Hold Animals from Vet Lists](#)
 - [Create Multiple Vet Lists](#)
 - [Sort Vet Lists](#)
 - [Edit a Combo Event for a Vet List](#)
- [Enter Vet Exam Results](#)
 - [Enter Result Codes and Remarks](#)
 - [Enter Other Events](#)
 - [Set Up Function Keys](#)
- [Common Vet List Questions](#)

5.17.1. Vet Codes

DairyComp uses **vet codes** to establish which animals to add to a vet list. A vet code indicates the reason why an animal needs to be examined by the veterinarian. Vet codes are applied to an animal's record based on the animal's reproductive code and time factors related to that reproductive code. For example, a vet code of FRSH is set for all animals with a reproductive code of 2 (FRESH) and a DIM (days in milk) value greater than 25. Similarly, a vet code of PREG is set for animals with a reproductive code of BRED and a DSLH (days since last heat) value greater than 40.

NOTE: You can change the criteria of vet codes to control when they are applied to vet lists. See [Define Vet Codes](#) to learn more.

When you run a VETLIST command, the system searches through the cowfile for vet codes and creates a vet list based on those codes. Each animal in the list can then be examined by the vet according to the indicated vet code (e.g., pregnant (PREG), overdue (ODUE), etc.).

- ✓ **The "Lifecycle" of Vet Codes**
- ✓ **Define Vet Codes**
- ✓ **Standard DairyComp Vet Codes**

5.17.2. Generate Vet Lists

Vet lists are generated in DairyComp using the `VETLIST` command. You can enter the `VETLIST` command directly in the command line, though it's more likely that you'll run it through a menu shortcut.

If you run the `VETLIST` command in the command line, you'll need to enter the parameters for the command (i.e., tell DairyComp which animals to add to the list). If you run a `VETLIST` command from a menu shortcut, it will already include these parameters.

For example, a menu shortcut such as `VLIST` might run the following command:

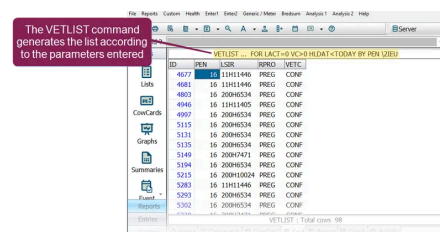
VETLIST ID PEN LSIR RPRO VETC FOR LACT=0 VC>0 BY PEN

This command string includes the following:

- The `VETLIST` command itself
- A list of DairyComp items to include in the list: `ID`, `PEN`, `RPRO`, and `VETC`
- The conditions animals must meet to be included in the list: `FOR LACT=0` and `VC>0`
- A method for sorting the animals in the list: `BY PEN`

NOTE: `VLIST` is a commonly used DairyComp menu command for generating vet lists. Your own DairyComp system may include variations of this command abbreviation such as `VLISTB`, `VLISTH`, and so on.

Once the `VETLIST` command is executed, the system searches through the cowfile for animals that match the command parameters and scans those animals for vet codes. The animals with vet codes that indicate an exam is needed are added to the vet list.



✓ Creating Multiple Vet Lists

✓ Sorting Vet Lists

5.17.2.1. Group Vet List Items

Vet list command abbreviations often include custom items that capture a set of specific data points relevant to the vet list. A command abbreviation for this custom item is `VITEM`. When the main vet list command is executed, the system sees the custom item within it and includes the defined items in the report.

An abbreviation for items embedded in a vet list command looks like this:

VETLIST VITEM VETC FOR VLCON BY PEN\2CEU

So, what's in the `VITEM` abbreviation? It depends on how it's defined. A command abbreviation for items—like all DairyComp commands—is defined using the `ALTER\3` command. In this case, our `VITEM` command might contain the following:

ID DIM DCC GDSB RPRO REM TBRD BS SIR3 SIR2

TIP: In the above example, all the items configured for this `VITEM` abbreviation will be part of our main vet list command if `VITEM` is included in it. Now we don't have to enter ID, DIM, DCC, and so forth as part of our vet list command!

Keep in mind that you can have more than one custom vet list abbreviation configured for your system. This is handy when you want different types of items quickly available to add to vet lists. You can even embed an item's abbreviation in another item's abbreviation, as in:

VITEM2=VITEM WMLK1 DSLH ID

5.17.2.2. Hold Animals from Vet Lists

You can keep particular animals from being added to vet lists using hold dates. Assigning a hold date will keep specific animals from being added to the next generated vet list for a specified number of days.

Hold dates are defined using the **HLDAT** item in a command. When using HLDAT, there are two basic parameters you need to specify:

- How long you want animals held off future vet lists
- Which animals you want held off future vet lists

The HLDAT is usually set after vet results are entered and is tagged in a command like SETOPEN as part of the SETVET command. However, once a cow's vet results are entered, her VC value is cleared and set to 0.

IMPORTANT: Because the VETLIST and ovsynch lists are so important to your dairy and sensitive to changes, please contact [VAS Support](#) to add the HLDAT to either of those commands.

To determine which animals to hold from future vet lists, you can use the animals' vet code or the remark from their most recent event. See the topics below to learn more:

- ✓ **Hold Animals using Previous Vet Codes**
- ✓ **Hold Animals using Event Remarks**
- ✓ **Adjust the Hold Date (HLDAT)**

5.17.2.3. Create Multiple Vet Lists

You can create multiple menu shortcuts for different types of vet lists, each with a different name. This is useful when different groups of animals are examined on different veterinary visits.

For example, let's say you want the veterinarian to examine all of the animals in the first five pens. To do this you can create a vet list to define the vet codes, the items to include on the vet list, and a condition statement for the pens (**FOR PEN=1-5**). Then, you can create a similar vet list for a subsequent veterinary visit to examine the animals in pens 6 through 8 (**FOR PEN=6-8**). Each vet list would have a different name/menu shortcut.

What if you wanted the vet to examine animals based on their reproductive status? Just as with the pens example above, you can create a vet list using the appropriate vet codes.

For instance, to put both fresh and no-heat animals on the vet list, you could specify **FOR VC=1-8 VC=5-3**. **The first set of vet codes includes animals with vet codes 1 through 8. But the second set of vet codes excludes animals with vet codes 3 to 5 (which all indicate possibly pregnancy).**

Alternatively, to include animals just for pregnancy exams, you can create a vet code parameter that includes the PREG and REPG codes, as in **FOR VC=3-4**.

See [Standard DC305 Vet Codes](#) for definitions of the various DairyComp vet codes.

5.17.2.4. Sort Vet Lists

Normally, vet lists are sorted by animal ID numbers. You can change this by adding a BY statement to the command. For example, to sort by pen: `BY PEN` .

IMPORTANT: Changing the sort order of a vet list will affect the order in which vet exam data is entered. See [Enter Result Codes and Remarks](#) to learn more.

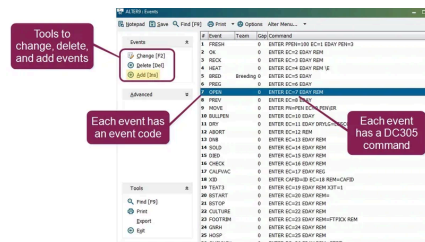
5.17.2.5. Edit a Combo Event for a Vet List

IMPORTANT: Only advanced DairyComp users should use the ALTER command to edit system settings. We highly recommend reviewing the cautions in [ALTER Overview](#) before proceeding.

Follow the steps below to edit the events to include in a combo event for a vet list:

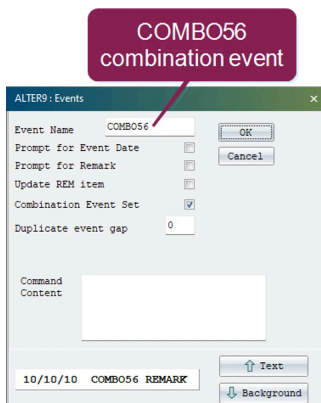
1. In the command line, enter `ALTER\9` to view your user-defined events.

The ALTER9 : Events window opens, showing all event types configured for DairyComp.



2. Open the vet check combination event.

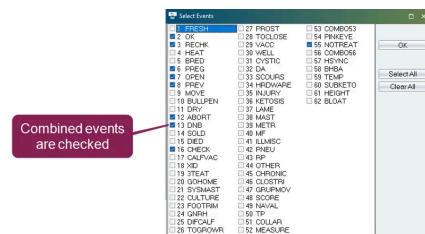
In the example below, the name of the vet check combination event is **COMBO56**.



NOTE: If your dairy does not already have a vet check combination event, see [Create a Combo Event](#).

3. Click **OK** to view the event types that can be combined for the vet check event.

The Select Events window opens, showing all the event types for the vet check.

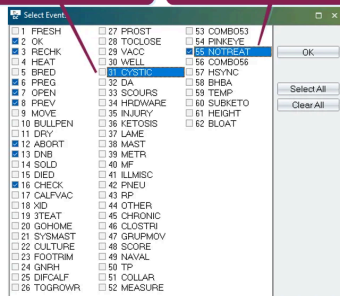


Event types currently combined for the vet list event are checked.

4. Select the events you want to add to your vet list.

Check a box to add an event type to the combination event

Uncheck a box to remove an event type from the combination event



Event Type	Selected
1 FRESH	☐
2 OK	☐
3 RECHK	☐
4 HEAT	☐
5 BRED	☐
6 PREG	☐
7 OPEN	☐
8 PREV	☐
9 MOVE	☐
10 BULLPEN	☐
11 DRY	☐
12 ABORT	☐
13 DNB	☐
14 SOLD	☐
15 DIED	☐
16 CHECK	☐
17 CALFVAC	☐
18 VSD	☐
19 3TEAT	☐
20 GONHOME	☐
21 SYSMAST	☐
22 CULTURE	☐
23 FOOTPRM	☐
24 GNRH	☐
25 DIFCALF	☐
26 TOGROWR	☐
27 PROST	☐
28 TOCLOSE	☐
29 VACC	☐
30 WELL	☐
31 CYSTIC	☐
32 DA	☐
33 SCOURS	☐
34 HRDWARE	☐
35 INJURY	☐
36 KETOSIS	☐
37 LAME	☐
38 MAST	☐
39 METR	☐
40 MF	☐
41 ILLMISC	☐
42 PNEU	☐
43 RP	☐
44 OTHER	☐
45 CHRONIC	☐
46 CLOSTR	☐
47 GRUPMOV	☐
48 SCORE	☐
49 NAVAL	☐
50 TP	☐
51 COLLAR	☐
52 MEASURE	☐
53 COMBO53	☐
54 PIN/EYE	☐
55 COMBO55	☐
56 COMBO56	☐
57 HSYNO	☐
58 BHBA	☐
59 TEMP	☐
60 SUBKETO	☐
61 HEIGHT	☐
62 BLOAT	☐

Check the box next to an event type to add it to the vet list. Uncheck the box next to an event type to remove it from the vet list.

5. Click **OK** to save.

Generate your vet list again to see the changes. See [Generate Vet Lists](#) for more information.

5.17.3. Enter Vet Exam Results

Once you've generated your vet list and the veterinarian has examined the animals on the list, it's time to start entering the results of the vet exam.

Results are entered into DairyComp using the VENTER command. The VENTER command is actually a command abbreviation that represents a string of instructions—just like the VLIST command discussed previously. A typical VENTER command string would look similar to this:

VENTER=SETDAY!VETENT FOR VLCON BY PEN!SETVET

NOTE: The command abbreviation for your DairyComp setup might be different, but we'll use VENTER for our examples since it's commonly used.

Let's take a closer look at the components of this string. Remember, the ! symbol between commands is used for running commands in batches.

- **VETENT:** This command is the most important part of the string, because it instructs DairyComp to start entering exam results.
- **SETDAY:** Used to set the system date for DairyComp. This command prompts the user to set the system date to "today," though a different date can be selected instead.
The SETDAY value is used in the calculation of dozens of items, including DIM, DCC, DSLH (days since last heat), and so on. The date set by SETDAY is automatically used as the event date for any events that are entered unless the EDAY (event date) prompt is used when entering events. So it's important to make sure SETDAY is set properly if the EDAY prompt is not used. Also, if you select a SETDAY other than today, remember to set it back properly before running any reports.
- **VLCON:** A custom item that can be used to define additional parameters in a command. In a VENTER type of command string, a group like this would define such things as lactation, vet codes, etc. It's common to use custom items to simplify commands and make running them more efficient. See [Group Vet List Items](#) to learn more about embedded commands.
- **SETVET:** Another embedded command, used to "set" important parameters (e.g., hold dates).

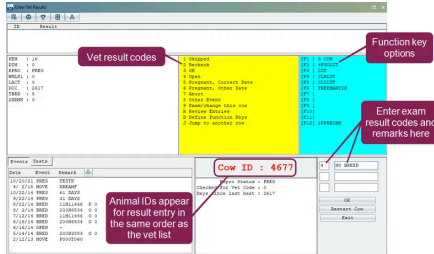
Again, remember that the commands used (including grouped/embedded commands) for your DairyComp system may differ from these examples.

Once you run your VENTER string, you'll be able to start entering the actual animal exam results. See the topics below to learn more:

- [Enter Result Codes and Remarks](#)
- [Enter Other Events](#)
- [Set Up Function Keys](#)

5.17.3.1. Enter Result Codes and Remarks

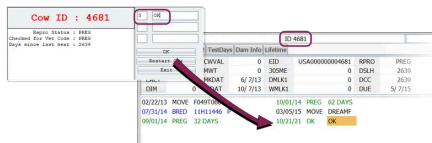
Vet exam results are entered in the Enter Vet Results window when you execute the VENTER command. From here you'll enter the result code for the exam, along with a brief remark.



Results are entered in this window for one animal at a time, in the order that the animals appear in the vet list. So, if the IDs for the first three animals on your vet list are ID numbers 45, 102, and 307, then the VENTER command will ask you to enter vet exam results for animals 45, 102, 307, and so on.

IMPORTANT: Be prepared to enter vet exam results promptly after the vet exam is completed. Delays in entering the results could cause the VENTER command to present the animals in a different order from that of the vet list. See [Why is the entry routine for animals in the wrong order?](#) for more information.

The yellow section of the window shows the code numbers for the different vet check results that can be entered. For example, enter a 3 for OK, 4 for OPEN, and so on. When you enter a result, that event is set in that animal's record.

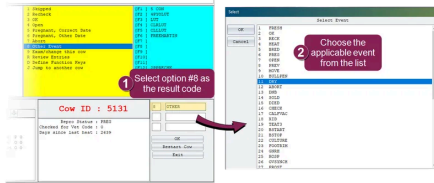


✓ Vet Entry Options

✓ Exam Remarks

5.17.3.2. Enter Other Events

To enter an event as an exam result rather than the main results discussed previously, enter option 8 in the Enter Vet Results window. This will open the Select Event window, where you can choose a specific event as the exam result.



Once you choose an event, the system will prompt you for any additional parameters for it. The event will then display on the Events tab of the animal's CowCard.

NOTE: Adding an event with this option only records the event code itself. It does not execute the command abbreviation for the event, which might be set to prompt for additional items (such as EDAY, PEN, etc.). In this case, EDAY (event date) will be the current date set in the cowfile.

If you want to bypass the Select Event window and you know the number of the event you want to enter, you can specify the event in the remark field of the Enter Vet Results window using the following format:

=##REMARK

So, if you wanted to enter a SOLD event (i.e., event code 14) with a remark of COWSOLD, you'd select option 8 in the Enter Vet Results window and then enter the following in the remark field:

=14COWSOLD

You can also define a function key to assign a particular event as an exam result. To do so, define your function as you did in the "sold" example above, and then press the assigned function key while in the results code field of the Enter Vet Results window (not the remark field). (For more information on using function keys to enter exam results, see [Set Up Function Keys.](#))

Alternatively, you can assign a function key to assign one of the main vet exam results (i.e., codes 1-7), and also add an event using an exclamation point (!). For example, to add an OK exam result (result code 3) with a note of CL and then a PROST event (event code 27) with a remark of LUT, you would assign the following string to the function key:

3CL!8=27LUT

Using this method, you can assign up to three events with a function key. For example:

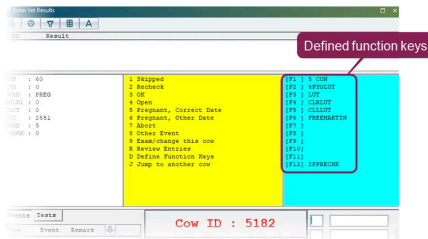
2PUS!8=38CL!8=25LT!

This command records the animal as a recheck (result code 2) with a remark of PUS, and also record event 38 with remark of CL, and also record event 25 with a remark of LT. These events will all be recorded automatically. The exclamation point at the end of the third remark moves the process to the next animal without needing to press the Enter key.

5.17.3.3. Set Up Function Keys

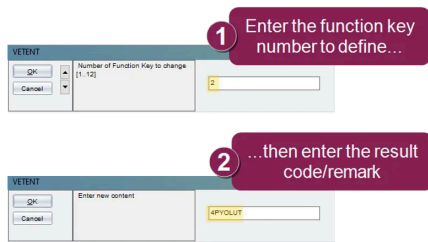
Oftentimes you'll need to enter the same vet exam results for multiple animals. Having a function key defined to automatically enter these results can be helpful.

On the right side of the Enter Vet Results window, you'll see the function keys currently configured for your DairyComp installation.



Function keys can be defined to enter exam result codes, remarks, or both. To use a function key, click inside either the results code field or the remark field (depending on the function's definition), then press the applicable function key. Alternatively, you can just double-click the function key definition on-screen.

To create or change a function key definition, enter **D** in the results code field. You'll then be asked which function key to define (1-7).



You can define function keys to enter up to three result code/remark combinations, including definitions for adding other events as exam results. See [Enter Other Events](#) to learn more.

5.17.4. Common Vet List Questions

Expand the topics below when working with vet lists for help with some common questions:

- ✓ **Why are too many animals on my vet list?**
- ✓ **Why aren't more animals on my vet list?**
- ✓ **Why is the entry routine for animals in the wrong order?**
- ✓ **How do I keep certain animals off my vet list?**
- ✓ **How do I keep FRESH animals off my vet list?**
- ✓ **How do I create a separate vet list for heifers?**
- ✓ **Why is my printed vet list not aligned?**
- ✓ **How do I adjust the HLDAT?**
- ✓ **Why are DNB cows on my vet list?**
- ✓ **How do I change or alter my vet list?**
- ✓ **How do I see my results from a vet check?**
- ✓ **How do I create a list based on a vet remark?**

6. Frequently Asked Questions (FAQs)

The questions listed below are the most common ones that the VAS Support team receives. We hope to save you a call by listing them here, but if you have questions or need further assistance, please don't hesitate to contact us at [VAS Support!](#)

- [System Configuration](#)
 - [Install DairyComp on a New Computer](#)
 - [Update DairyComp to the Latest Release](#)
 - [Fix Client/Server Communication Problems](#)
 - [Refresh a Client](#)
 - [Find your DairyComp IP Address](#)
 - [Find your DairyComp Account and Serial Numbers](#)
 - [Set Up a New Printer](#)
 - [Troubleshoot Start-Up Errors](#)
 - [Address Bad PLA Error](#)
- [Setup and Administration](#)
 - [Load Electronic IDs \(EIDs\)](#)
 - [Set Up and Manage Users](#)
 - [Add Commands to the Menu](#)
 - [Define Custom Events in DairyComp](#)
 - [Add Tasks to the Task Scheduler](#)
 - [Customize Items in CowCards](#)
 - [Change Font in Printed Reports](#)
 - [Toggle Auto Print](#)
 - [Find Unused Animal ID Numbers](#)
 - [Check the DairyComp and PULSE Connection](#)
- [Managing Data and Animal Records](#)
 - [Backup DairyComp Data](#)
 - [Transfer Animals from One Dairy to Another](#)
 - [Restore an Animal Record](#)
 - [Remove a Do Not Breed \(DNB\) Event](#)
 - [Add Test Day Data](#)
 - [Delete a Test Day](#)
 - [View Energy Corrected Milk \(ECM\) Values](#)
 - [View Lely Milk Day Production](#)
 - [Set Animal Breed \(CBRD\)](#)
 - [Analyze Dam Relative Value](#)

- [Assign Technician Teams to Events](#)
- [Using DairyComp](#)
 - [Common Terms and Commands](#)
 - [Troubleshoot the Command Line](#)
 - [Sign Up for DC305 Training Classes](#)
 - [Working with Pens](#)
 - [Working with Reports](#)
 - [Run Report from Command Line](#)
 - [Run Report from Menu](#)
 - [Manage Disposal Codes](#)
 - [Fix a FRESH Event](#)
 - [Resolve HELD Commands](#)
 - [Visualize Item Distribution with GRAPH](#)
 - [Visualize Event Distribution with EGRAPH](#)
 - [Visualize Historical Measurements with EPLOT](#)
 - [Visualize Test Day Performance Trends with PLOT](#)
 - [Automate Billing Reports using INVOICE](#)
 - [Clear Check \(CHCK\) Status from an Animal](#)
 - [Edit Sire Info](#)
 - [What is PULSE?](#)
 - [Determine an Animal's Value with CowVal](#)
 - [Add a Treatment Protocol](#)
 - [Change CAR Codes](#)
- [VAS Webinars](#)

6.1. System Configuration

- [Install DairyComp on a New Computer](#)
- [Update DairyComp to the Latest Release](#)
- [Fix Client/Server Communication Problems](#)
- [Refresh a Client](#)
- [Find your DairyComp IP Address](#)
- [Find your DairyComp Account and Serial Numbers](#)
- [Set Up a New Printer](#)
- [Troubleshoot Start-Up Errors](#)
- [Address Bad PLA Error](#)

6.1.1. Install DairyComp on a New Computer

Question: I have a new computer and need to install DairyComp on it. What do I need to do?

Answer: First, determine if you can install it on your own (see guidelines below). If so, proceed with the instructions provided below.

IMPORTANT: Before you start: Identify whether you can do this on your own or need help from [VAS Support](#).

You can do this on your own if either of the following is true:

1. You have a DairyComp Consultant version.
2. You have a stand-alone DairyComp on-farm version.

You need help from VAS Support if one or more of the following is true:

1. You are using the VAS PULSE Platform.
2. You have a daily milk meter interface running.
3. You have a heat detection interface running.
4. You are using Pocket CowCard on either a Psion or an Android device.
5. You have a DairyComp Server/Client network version of DairyComp. |

If you have the correct version to complete the move on your own, then let's get started!

- ✓ **Step 1: Obtain your Account (Customer ID)/Serial Number**
- ✓ **Step 2 (OPTIONAL): Transfer DairyComp to a new computer**
- ✓ **Step 3: Install DairyComp on the new computer**
- ✓ **Step 4: Launch DairyComp on the new computer and run the DairyComp Updater**

6.1.2. Update DairyComp to the Latest Release

Question: There's a new version of DairyComp available. How do I update to that release?

Answer: You can use the DairyComp Web Updater to update to the latest release. Expand the topics below for more information on updating DairyComp to the latest release:

- ✓ **I've installed updates on DairyComp before. Remind me how!**
- ✓ **I've never updated DairyComp. Show me how!**
- ✓ **I get an error message when I try to update. What do I do?**

6.1.3. Fix Client/Server Communication Problems

Question: I'm getting a communication error when trying to connect my DairyComp client or Pocket CowCard to the DairyComp server. How can I fix this problem?

Answer: If you get a communication error when attempting to connect your DairyComp client or Pocket CowCard to the DairyComp server, try the simple steps below:

- Ensure that both the client computer/Pocket CowCard and the server computer are connected to the internet.
- Ensure that the server is installed on the main computer and that it's started.
 - ▼ **How do I check if my server is installed and running?**
- Ensure that the IP address to which the client/Pocket CowCard system is trying to connect matches the IP address that the server computer is currently using. See [Find your DairyComp IP Address](#) for more information about checking DairyComp IP addresses.
- Reboot both the client computer/Pocket CowCard device and the server computer and try again to establish communication between them.

If none of the steps above solve your communication issues, contact [VAS Support](#) for help.

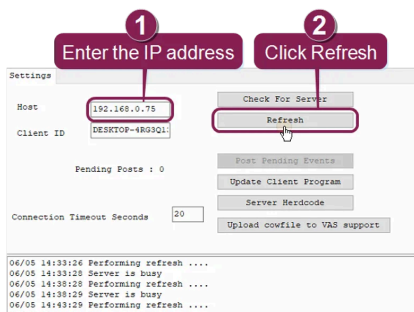
- ▼ **Click here for a video tutorial on this feature!**

6.1.4. Refresh a Client

Question: My DairyComp client is not communicating with the DairyComp server. How do I re-establish a connection?

Answer: You can refresh your DairyComp client to re-establish its connection with the server. Follow these steps to continue:

1. Locate your DairyComp server IP address, and write it down or copy and paste it. If you do not have your IP address, follow the steps in [Find your DairyComp IP Address](#) to obtain it.
2. Open your DairyComp client.
3. Enter **SERVER** in the command line and press **Enter** to view the Settings window (see example in the next step).
4. In the Host field, type in or paste the IP address.



5. Click **Refresh**.

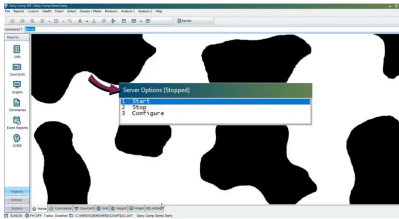
If your DairyComp server does not connect to DairyComp, check your firewall or anti-virus program to ensure that DairyComp servers are not being blocked.

6.1.5. Find your DairyComp IP Address

Question: How do I find my DairyComp IP address?

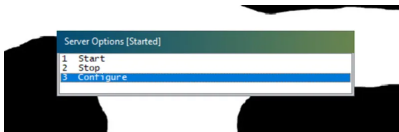
Answer: Typing `SERVER` in the command line is an easy way to check your DairyComp IP address. The `SERVER` command allows data transmission with DC clients, DC Shadows, Pocket CowCard, and the PULSE Platform.

1. Enter the `SERVER` command to open the **Server Options** pop-up window. It includes the following three options: **Start**, **Stop**, and **Configure**.

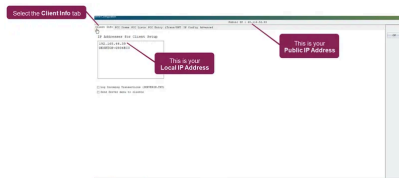


NOTE: In the title bar of this pop-up window, to the right of the words **Server Options**, you can see whether the server is started or stopped. If the server is stopped, you can select **Start** to start it back up.

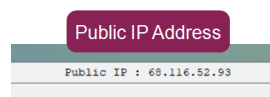
2. Select **Configure** to open the **Server Configuration** window, which will lead you to your IP address.



3. To find your IP address, make sure you are on the **Client Info** tab.



- The IP address in the box on the left is your **local IP address**.
- The IP Address at the center top is your **public IP address**.



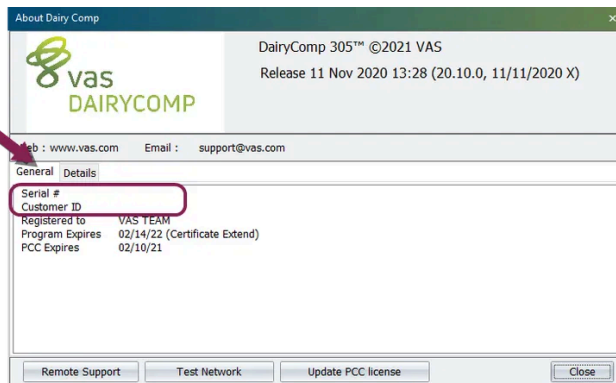
NOTE: For most applications, you will be using the local IP address.

✓ Enable or Disable Remote Entry from the Server Options Menu

6.1.6. Find your DairyComp Account and Serial Numbers

Question: How do I find my DairyComp account number and serial number?

Answer: You can locate your account number (also called your Customer ID) and DairyComp serial number in the **About** DairyComp window. To open the About DairyComp window, select **Help > About** from the DairyComp menu. Your Customer ID and Serial Number are displayed in the **General** tab of this window:



6.1.7. Set Up a New Printer

Question: I have installed a new printer, but DairyComp is not printing. How do I set up my new printer?

Answer: For detailed instructions on how to activate your new printer, see [Printing](#).

6.1.8. Troubleshoot Start-Up Errors

Question: I'm having trouble opening/starting DairyComp. What should I do?

Answer: Expand the topics below for more information on the start-up issue you're experiencing:

- ✓ **My DairyComp application is frozen.**
- ✓ **The DairyComp application icon is missing from my desktop.**
- ✓ **An error message says to contact support.**
- ✓ **I need to register my computer with DairyComp.**

6.1.9. Address Bad PLA Error

Question: What does a Bad PLA error mean? How can I fix it?

Answer: 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 DairyComp 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.

6.2. Setup and Administration

- [Load Electronic IDs \(EIDs\)](#)
- [Set Up and Manage Users](#)
- [Add Commands to the Menu](#)
- [Define Custom Events in DairyComp](#)
- [Add Tasks to the Task Scheduler](#)
- [Customize Items in CowCards](#)
- [Change Font in Printed Reports](#)
- [Toggle Auto Print](#)
- [Find Unused Animal ID Numbers](#)
- [Check the DairyComp and PULSE Connection](#)

6.2.1. Load Electronic IDs (EIDs)

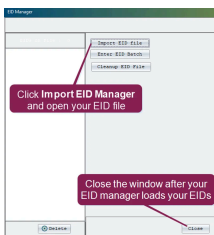
Question: I already have [EIDs](#) for my animals. How do I load my EIDs into the EID Manager?

Answer: Use the `ALTER` command in DairyComp to save your EIDs to your EID Manager, so you can link your EIDs to other animal identifiers that are shorter and easier to use, like a cowNumber:

1. In the command line, enter `ALTER` to open the Alter options window.



2. From the list of options, select **F - EID Manager**.
3. Click the **Import EID file** and select the file where your EIDs are saved.
4. After you see your EIDs populate in the EID Manager, click **Close**.



5. Add `ALTER\15c` to your Scheduled Tasks to run daily. This automatically cleans up the EID inventory in EID Manager and assigns any unmatched EIDs to live animal records from the imported file.

You can now use alternative identifiers other than the 15-digit-long EID to record and access your animal's information.

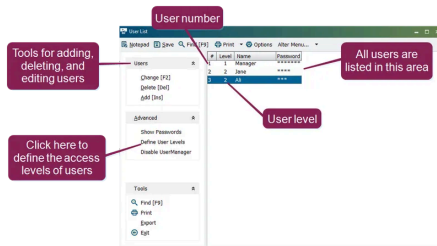
✓ If you don't have a saved EID file, [click here to find out how to download one!](#)

6.2.2. Set Up and Manage Users

Question: How can I add and delete users from DairyComp and control their access to the system?

Answer: You can easily [add and delete users](#) from DairyComp through the User Manager feature. This feature also allows you to [define the level of access](#) each user has to the system.

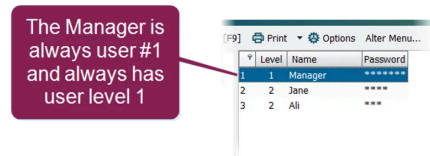
In the command line, enter `ALTER` and then choose option **G - User Manager** to open the User List window.



This window lists all of the users configured for your DairyComp. It also contains tools for creating and managing users and controlling the level of system access for each user level.

As illustrated above, each user has a number and a level. The user number is simply a numeric identifier for the user. The user level indicates how much access the user has to the system. No two users can have the same user number, but multiple users can have the same user level.

The very first time this window is opened for your system, only one user will be listed—*Manager*. The Manager user is always user #1 and is also always user level 1, meaning that this user has full control over DairyComp.



Remember the following guidelines when using the Manager level:

- The Manager user account cannot be deleted; there must always be a Manager.
- Only someone with Manager level access can use the `ALTER` command to access user management settings.
- The name of the Manager can be changed, but the Manager will always be user #1 and will always be user level 1. You can, however, have multiple users with manager level access.
- The password for the Manager level is initially set to *manager*. It is highly recommended that you change this password.

Expand the topics below to learn more:

- ✓ **Add, Change, and Delete Users**
- ✓ **Define User Levels**
- ✓ **LOGIN and LOGOUT**

6.2.3. Add Commands to the Menu

Question: How can I add new commands the DairyComp menu?

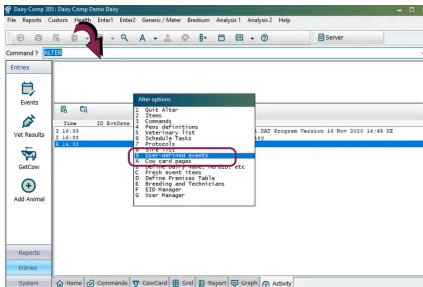
Answer: There are many ways you can [customize your menu](#) to best fit your dairy's needs. You can even add your most commonly used reports to the DairyComp menu! See [Add a Command to the Menu](#) to learn more.

6.2.4. Define Custom Events in DairyComp

Question: How do I add a new type of event to my DairyComp system?

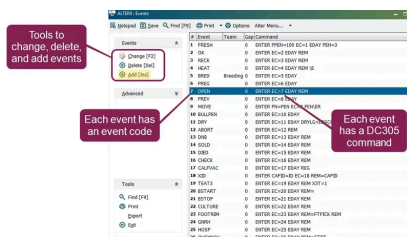
Answer: DairyComp allows you to add additional, user-defined event types to the system via the **ALTER** command. Events that you create yourself are called custom events. To learn how to add them to your system, follow the steps below:

1. In the command line, enter **ALTER** to open the Alter options window, and then select option 9, *user-defined events*.



TIP: Alternatively, you can select **FILE > Alter options** from the DairyComp menu to open the Alter options window.

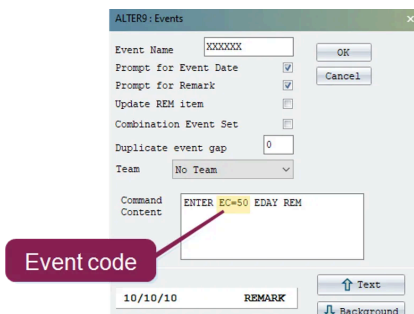
The ALTER9 : Events window opens, showing all event types configured for DairyComp.



Each event has a number (called an event code) and a DairyComp command associated with it. You can change or delete existing events or add new events from the Events window.

2. Click **Add [Ins]** to add a new event, and then enter the details for the event in the pop-up window.

The system automatically assigns the next available event code to your new event. In the example below, you can see that the event code is 50.



NOTE: DairyComp event numbers 1-18 cannot be reassigned since they are reserved as "sacred" event types. If you have no remaining slots for new event types, contact [VAS Support](#).

Follow the guidelines below to learn more about adding event details:

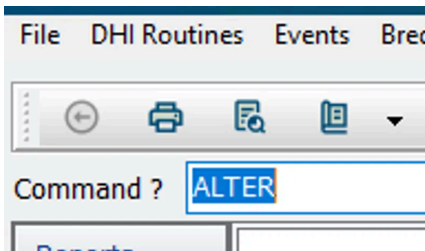
-
- **Prompt for Event Date:** Check this box to require a user to enter a date when adding the event to a CowCard.
 - **Prompt for Remark:** Check this box to require a user to enter a remark when adding the event to a CowCard.
 - **Combination Event Set:** Check this box to create an event that is a combination of existing event types. Once you confirm this selection, you'll be presented with a window of event types to combine.
 - **Command Content:** Shows the text for the command associated with the event, including its event code. Note that checking the various boxes in this window alters the command text. See [Command Line](#) to learn more.
3. Once you've entered the information for the event, click **OK** to save it.
- Your new event is ready to use! The system will now display it in the Event window.

6.2.5. Add Tasks to the Task Scheduler

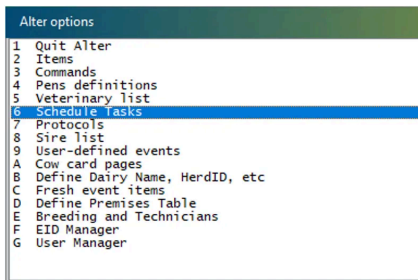
Question: How do I schedule a new task in DairyComp?

Answer: You can add the new task to DairyComp's Task Scheduler. Follow the instructions below:

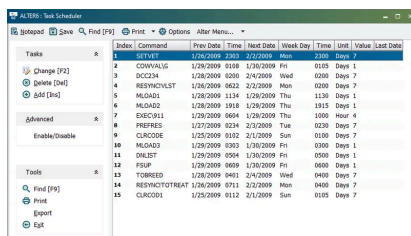
1. Open DairyComp.
2. Type `ALTER` in the command line and press `ENTER`.



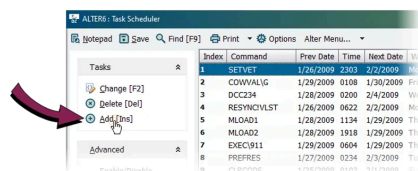
3. Choose Option 6 - `Schedule Tasks`.



This opens the Task Scheduler window, which displays a list of all current tasks.

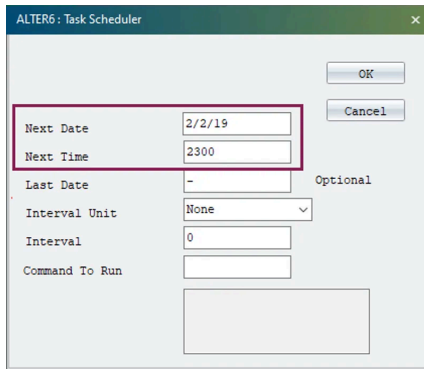


4. In the upper left corner, click **Add [Ins]**.

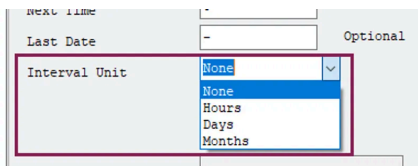


This opens a pop-up window where you will define details for the new task (see example in the next step).

5. Enter the **Next Date** and **Next Time** that you would like the task to run. The time must be in 24-hour military format.



6. Choose an **Interval Unit** to define how often you want the task to run.



7. In the **Interval** field, enter a value for the frequency above.

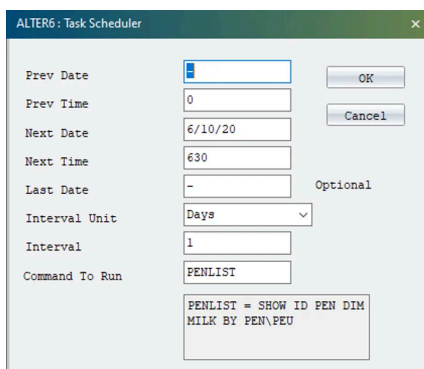
For instance, if you want the task to run once every day, you will select **Days** for the **Interval Unit** and enter a **1** for the **Interval** field, indicating that the task will run every 1 day.

8. In the **Command To Run** field, type the command you would like to run.

9. Click **OK** in the upper right corner when you are finished.

This saves the new task and schedules it to run on the Next Date and Next Time that you specified above. The system returns you to the list of commands in Task Scheduler at this point.

10. To double-check your work, double-click on the command you just added. You should see the command populated in the box below. Click **Cancel** once you are done checking the task.



11. Click **Exit** in the bottom left corner of the Task Scheduler window to close it.

6.2.6. Customize Items in CowCards

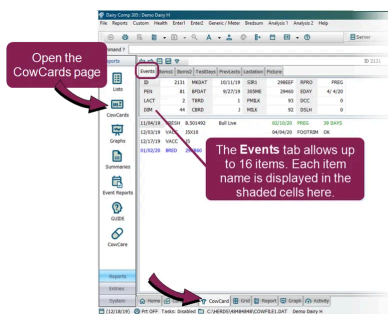
Question: How do I add a new item on a DairyComp CowCard?

Answer: Follow the steps below to add a new item on a DairyComp CowCard:

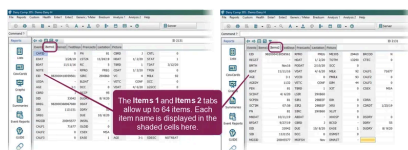
1. Navigate to the CowCards page.

From this page, you can make changes on the **Events**, **Items 1**, and **Items 2** tabs. Typically, these pages contain information grouped by category (for example, identification, reproduction, production, and genomics); therefore, they are customizable by the user.

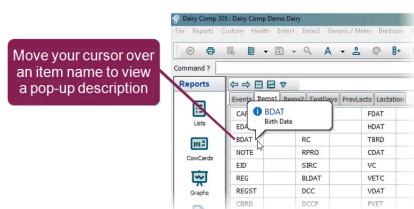
The **Events** tab allows 16 items to be displayed.



The **Items 1** and **Items 2** tabs can display up to 64 different items each.

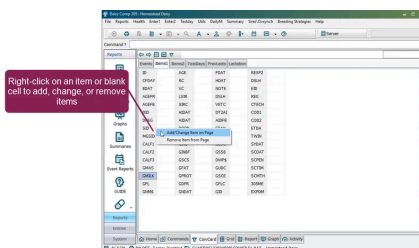


2. If you move your cursor directly over an item, a pop-up description is displayed.



3. To add, change, or remove an item, right-click on an item name or a blank cell and select one of the following options:

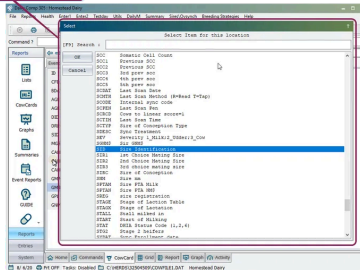
- **Add/Change Item on Page**
- **Remove Item from Page**



IMPORTANT: If you right-click on an item name, the new item you select will **replace** the one you right-clicked on. If you want to **add** rather than replace an item, be sure to click on a blank cell before you right-click.

4. Type in an item name or scroll down the list to find the item you want to add or change.

Use this pop-up window to add or change items



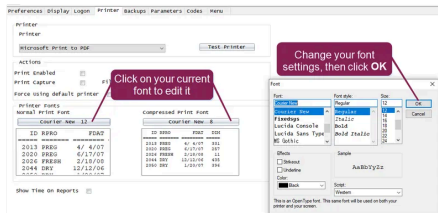
5. Click on the item and then click **OK** to add or change it in the list.

6.2.7. Change Font in Printed Reports

Question: How do I change the font size on my printed reports?

Answer: You can customize your font settings in the **Printer** tab of your **SETUP** window:

In the command line, enter **SETUP** to open the SETUP window, then select the Printer tab. Click on your current font to change your settings, then click **OK** to save your changes.



You can customize your font, font size, and font style. You can even set a different font for normal reports (which fits about 80 characters across a page) and compressed reports (which fits about 120 characters across a page).

TIP: Before you print a full report with your new settings, we recommend that you view Print Preview or print a test page to ensure that your reports aren't cut off or your font is too small to read.

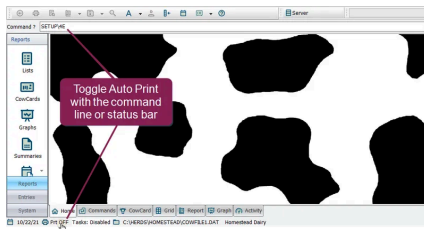
✓ How do I print a compressed report?

6.2.8. Toggle Auto Print

Question: How do I toggle the Auto Print feature on or off in DairyComp?

Answer: There are two quick methods for adjusting the Auto Print feature in DairyComp, both of which are explained below:

- In the command line, type `SETUP\4E` to turn Auto Print ON or `SETUP\4D` to turn Auto Print OFF.
- OR
- In the status bar at the bottom of the window, click the **Prt** option to toggle between **Prt ON** and **Prt OFF**.

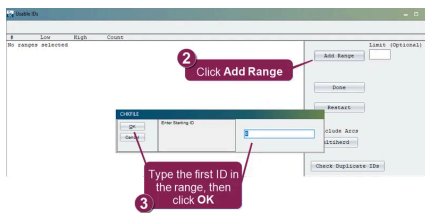


6.2.9. Find Unused Animal ID Numbers

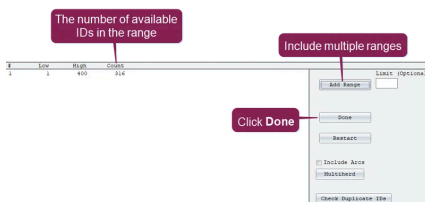
Question: How do I find which ID numbers I haven't used yet in DairyComp?

Answer: The Usable IDs feature allows you to search for available (i.e., unassigned) animal ID numbers. Follow the steps below to learn how to use the Usable IDs feature:

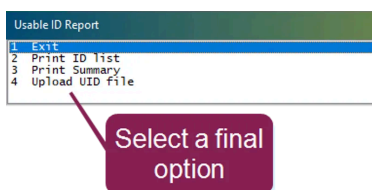
1. In the command line, enter `CHKFILE\1` to open the Usable IDs window.
2. Click the **Add Range** button in the top-right of the window.
3. In the new CHKFILE window, type the ID number you want to serve as the start of your search, then click **OK**.



4. In the updated CHKFILE window, type the final ID number in the search range, then click **OK**.
The Usable IDs window updates with the number of available IDs in the Counts column.
5. Repeat the steps above to include additional ranges as needed.
6. Click **Done**.



7. In the Usable ID Report window, select a print option, the upload option, or exit.

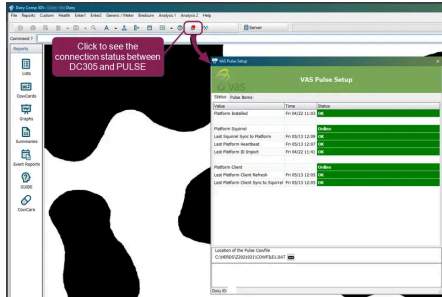


NOTE: You can print the ID list as a notepad, excel, csv, or pdf file.

6.2.10. Check the DairyComp and PULSE Connection

Question: How do I check the connection status between DairyComp and VAS PULSE Platform in DairyComp?

Answer: In DairyComp, click the Alert button to check the connection status between DairyComp and PULSE.



NOTE: DairyComp only displays the Alert button when the system has new information for you. If the Alert button isn't visible in DairyComp, your connection status has not changed and DairyComp and PULSE are still communicating.

Expand the guidelines below to learn more about troubleshooting connection errors between DairyComp and PULSE in DairyComp:

▼ Troubleshoot Connection Errors

NOTE: To troubleshoot connection errors using PULSE, see [Integration Status](#) in the VAS PULSE Platform online help.

6.3. Managing Data and Animal Records

- [Backup DairyComp Data](#)
- [Transfer Animals from One Dairy to Another](#)
- [Restore an Animal Record](#)
- [Remove a Do Not Breed \(DNB\) Event](#)
- [Add Test Day Data](#)
- [Delete a Test Day](#)
- [View Energy Corrected Milk \(ECM\) Values](#)
- [View Lely Milk Day Production](#)
- [Set Animal Breed \(CBRD\)](#)
- [Analyze Dam Relative Value](#)
- [Assign Technician Teams to Events](#)

6.3.1. Backup DairyComp Data

Question: VAS Support receives numerous questions about working with backups:

- How do I make sure that my DairyComp system is being backed up regularly?
- Does the system create backup files automatically or do I have to create them myself?
- How do I manually save a backup?
- How do I know if DairyComp is being backed up to the cloud?

Answer: The [Backup DC305 Data](#) reference topic should answer most of your questions about DairyComp backups! Click any of the questions below to find your solution:

- [How do know that DC305 is being backed up to the cloud?](#)
- [How do I create automatic daily backups?](#)
- [How do I manually save a DC305 backup?](#)

6.3.2. Transfer Animals from One Dairy to Another

Question: How can I transfer an animal (or a group of animals) from one dairy to another?

Answer: You can transfer animal records from one DairyComp system to another by creating a DNC file that contains all the stored information for the animals you want to transfer, and then importing that DNC file into the other DairyComp system.

You can also transfer animals in PULSE if both the sender and receiver dairies have PULSE enabled. See [Transfer Animals](#) to learn more.

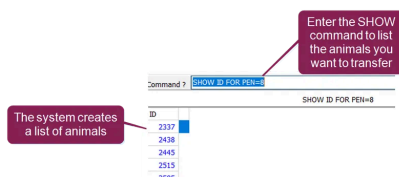
The DairyComp process involves two steps, explained below:

Step 1: Create the DNC File Containing the Animals to Transfer

1. On the DairyComp system that contains the animals you want to transfer, locate the animals using the **SHOW** command with a **FOR** statement, as in these examples:

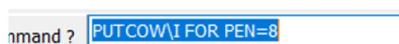
- **SHOW ID FOR PEN=8**
- **SHOW ID FOR COD1=5**
- **SHOW ID FOR NOTE=SELL**

The system will display a list of the animals to transfer.



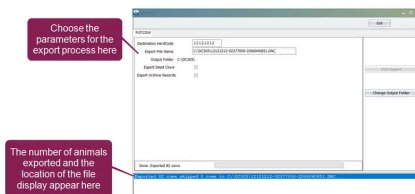
2. Once you have your list, remove **SHOW ID** and replace it with **PUTCOW\I**, as in these examples:

- **PUTCOW\I FOR PEN=8**
- **PUTCOW\I FOR COD1=5**
- **PUTCOW\I FOR NOTE=SELL**



The system opens the **Transport** window, where you can enter details for the transfer (see example in the next step).

3. In the Transport window, enter parameters for transferring the animals per the guidelines below, then click **Start Export**.

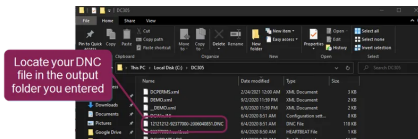


- **Destination HerdCode:** The Herdcode for the dairy you're moving the animal into. If you don't know the Herdcode, enter a random 8-digit number.
- **Export File Name:** Leave the default value for this field.
- **Output Folder:** The directory location for the exported DNC file. By default, the DNC file will be saved in C:\DairyComp.

- **Export Dead Cows:** Select to include records for dead animals.
- **Export Archive Records:** Select to include previous lactation records (if available).

Once the exported file is created, you'll see a confirmation message at the bottom of the Transport window, showing how many animals were included and the location where the DNC file was saved (see example above). (If you chose to export archive records, the number of animals exported will be higher.)

- Go to the folder where the DNC file was saved. You can now copy the DNC file to a USB memory stick or email it to the dairy where the animals are moving.



TIP: Sort files by *Date Modified* to easily find the latest DNC file.

Step 2: Import the DNC File into the Other DairyComp Dairy

IMPORTANT: Before importing the DNC file, you should create a backup of the existing DairyComp system you're importing into. If you're not sure how to make a backup, you can find instructions in [Step 2 of the FAQ for moving DC305 to a new computer](#).

- Copy the DNC file that was created in [Step 1: Create the DNC File Containing the Animals to Transfer](#) into the C:\DairyComp folder for the DairyComp system you're importing the animals into.
- In the command line, enter **GETCOWI** to display a list of available DNC files.

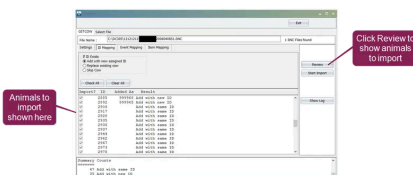


If you created the DNC file with the Herdcode for the dairy you're importing into, it will automatically appear in the list.

If you don't see your DNC file in the list, check the **Show ALL DNC Files** box on the right side of the Transport window to display all the DNC files in the DairyComp folder that exist with a different Herdcode. In this case, click **OK** to accept the message that cautions you about importing DNC files without your herdcode.

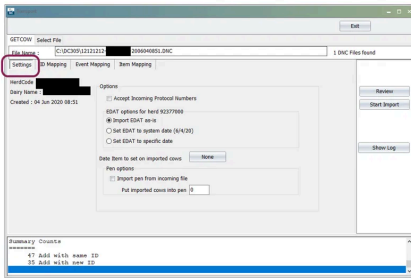
If you saved the DNC file somewhere else, click **Change Folder** and select the appropriate location.

- Select the DNC file to import, then click **Select this File** to open the file in the Transport window.
- In the Transport window, click **Review** to display the list of animals to be imported.



- Under the **If ID Exists** area, choose an option for handling animals that share the same IDs as animals already at the dairy. You can choose to add a new assigned ID, replace the existing animal, or skip them all together. If you choose to add a new assigned ID, then any duplicate animal IDs will be given a new number and displayed in the **Added As** column.

2. To exclude any animals from being imported, uncheck their boxes in the **Import?** column.
5. Click the **Settings** tab and set the following parameters.



- **Accept Incoming Protocol Numbers:** Leave this unchecked.
 - **EDAT options for herd:** Choose an option for the EDAT you want to assign the new animals.
 - **Date Item:** Leave the default value of None.
 - **Pen options:** Check the **Import pen from incoming file** box, or enter the number for the pen you want the animals to go into.
6. Click **Start Import**.

When the import process completes, the system displays a message indicating the number of animals imported.



Now you can display a list of the imported animals using the EDAT and PEN values you assigned them, as in this example:

SHOW ID FOR EDAT=yourselectedddate PEN=yourselectedpen

6.3.3. Restore an Animal Record

Question: I have mistakenly marked an animal as SOLD or DIED. How can I bring the animal back to its previous status?

Answer: An animal that has previously been marked as SOLD or DIED can be returned to its previous status in DairyComp by restoring its animal record.

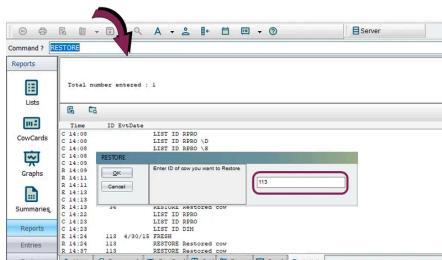
NOTE: For information about removing a mistakenly added FRESH event, see [Fix a Fresh Event](#).

You need the animal's ID number to proceed, so if you need to look it up, enter a LIST ID command with an appropriate switch to find it. For example, use `LIST ID RPRO \D` in the command line to view a list of sold and dead animals. See [Command Line](#) to learn more.

TIP: Still can't find the animal you're looking for? It may have been moved to the archive file.

✓ [Click here for instructions on locating archived animals.](#)

Once you have the animal's ID, you can restore its animal record. To do so, enter `RESTORE` in the command line, and then enter the ID of the animal record you want restored.



If the system locates the animal and can restore its record, the recent SOLD or DIED event will no longer appear on the animal's CowCard.

- ✓ **What if DairyComp doesn't find an archive record for the animal?**
- ✓ **Erasing an Event from a CowCard**

6.3.4. Remove a Do Not Breed (DNB) Event

Question: How can I remove a Do Not Breed (DNB) event from an animal's CowCard?

Answer: The procedure for removing a DNB event from a CowCard is the same as for any other event. See [Erasing an Event from a CowCard](#) to learn more.

6.3.5. Add Test Day Data

Question: How do I add test day data (such as milk weight) into DairyComp?

Answer: Test day data is information that is collected about milk samples from your dairy on a specific date. The most common way to add test day data to DairyComp is to use the `RECEIVE` command, which allows you to load your data from either a [DHI](#) based file from the VAS iLoop or from a specific, formatted test day file.

Expand the topics below to learn more about each option:

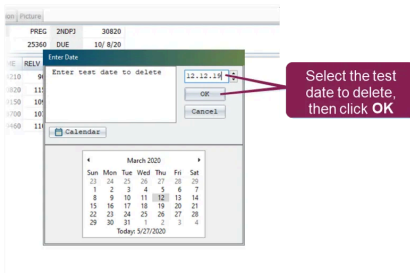
- ✓ **Loading Test Day Data from a DHI-Based File from VAS iLoop**
- ✓ **Loading Test Day Data from a DNL File not on VAS iLoop**
- ✓ **Loading Test Day Data from a CSV File**
- ✓ **Check your DHI Configuration**
- ✓ **View your Test Day Data in DairyComp**

6.3.6. Delete a Test Day

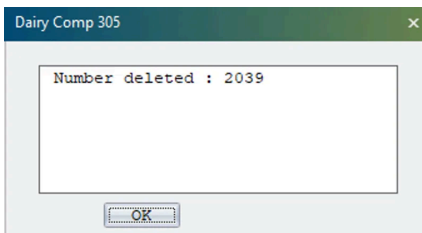
Question: How can I delete a specific test day from animal records?

Answer: You can easily delete a test day from all of the animal records it appears on by following the procedure below:

1. As a precaution, enter `SAVE\F` in the command line to create a backup file of your DairyComp installation.
2. In the command line, enter `CHKFILE\10` to display an Enter Date window (see example in next step).
3. Enter the test date to delete, then click **OK**:



The system confirms the total number of animal records from which the test date was deleted.



TIP: For a test date that is missing (e.g., it did not upload correctly to DairyComp), it may be necessary to first remove the most recent test day, then load the missing test day and reload the test day you removed. In this case, contact [VAS Support](#) for assistance.

6.3.7. View Energy Corrected Milk (ECM) Values

Question: What is Energy Corrected Milk and how can I view it in DairyComp?

Answer: Energy Corrected Milk (ECM) is a calculation that factors in three different variables—pounds of milk, fat, and protein—allowing producers to better evaluate their herd's productivity and efficiency. By adding an ECM item to DairyComp, you can view this calculation in lists and reports.

ECM is calculated based on test day information, which is loaded into DairyComp through the `RECEIVE` command (see [Add Test Day Data](#) to learn more). ECM combines the three variables mentioned above and then uses a formula to account for a 3.5% fat basis and a 3.2% protein basis.

To include this calculation in your reports, you'll need to add the ECM item to your DairyComp installation. You can then use the ECM item in your DairyComp reports. See the topics below to learn more:

- ✓ **Create the ECM Item in DairyComp**
- ✓ **View ECM in Reports**

NOTE: For additional information about ECM and how it works, [click here](#) to view an on-demand webinar on the subject!

6.3.8. View Lely Milk Day Production

Question: What is Lely milk day production and how can I view it in DairyComp?

Answer: Lely milk day production is an **adjusted total milk yield** value calculated by the Lely Horizon system. It factors in milking visit dates, times, and animal physiological factors to provide a more refined daily milk production figure for each cow. This value differs from the raw milk weight totals traditionally displayed in DairyComp.

To allow producers to monitor this specific Lely-calculated performance metric, DairyComp now imports and stores Lely milk day production values. Once your DairyComp is updated to the relevant build [and configured for the Lely milk interface](#), this feature will automatically appear on the **Lacations** tab of CowCards; no additional end-user action is required except to [create the additional Lely milk items](#).

- ✓ **Benefits of Lely Milk Data**
- ✓ **View Lely Milk Data**
- ✓ **Create Additional Lely Milk Data Items**
- ✓ **Run Reports Containing Lely Milk Day Production Data**

6.3.9. Set Animal Breed (CBRD)

Question: How do I set the breed for an animal? Is there a way to set a default breed for the system? What about new calves?

Answer: In DairyComp, the breed of an animal is indicated by the CBRD (Cattle Breed) item. You can set the default CBRD for the system, or you can change the CBRD item for individual animals. You can also configure the system to prompt for a new calf's CBRD when a FRESH event is entered.

Expand the topics below to learn more about each option:

- ✓ **Set the Default CBRD**
- ✓ **Change the CBRD for an individual animal**
- ✓ **Prompt for CBRD for New Calves**

6.3.10. Analyze Dam Relative Value

Question: What does the Dam's Relative Value (DRELV) item do? How can I set it up and benefit from it?

Answer: The Dam's Relative Value (DRELV) item in DairyComp allows you to evaluate your youngstock more precisely by incorporating the performance of their dams. While genomic testing offers genetic insights and parent averages consider pedigree, DRELV provides a direct measure of the dam's actual performance within your specific herd environment.

The dam contributes half of her offspring's genetics. As a cow progresses through her productive life, she establishes a "relative value" (RELV) which measures her performance compared to the rest of your herd. DRELV transfers this real-world performance data directly to her offspring's records, even before the young animal has its own production data.

Knowing DRELV allows you to:

- **Leverage Proven Performance:** DRELV reflects the dam's actual success in your herd, giving you a tangible, performance-based metric for her offspring.
- **Improve Breeding Decisions:** Use DRELV to identify heifers from high-performing dams (e.g., a DRELV of 120 means the dam performed 20% above the herd average), making them strong candidates for your breeding program.
- **Optimize Sire Selection:** Combine DRELV with sire information to select sires that complement the strengths inherited from the dam, aiming for superior future generations.
- **Make Informed Early Culling:** Quickly identify and potentially cull young heifers whose dams consistently show low relative value (RELV), leading to more efficient and profitable management.

Expand the topics below to learn more:

- ✓ **Step 1: Create the DRELV Item**
- ✓ **Step 2: Add the DRELV item to CowCards and run reports**
- ✓ **Step 3: Set up an Automated Update Schedule**

6.3.11. Assign Technician Teams to Events

Question: How do I assign technicians to specific events in DairyComp?

Answer: To ensure specific technicians (or groups of technicians) are assigned to specific events, you'll need to first create a team. For example, you could make a Maternity team to enter all FRESH events into DairyComp.

Follow the steps below when assigning technician teams to events:

- ✓ **Create a Team and Assign Events**
- ✓ **Change Technician of an Event**
- ✓ **Advanced Technician Options**

6.4. Using DairyComp

- [Common Terms and Commands](#)
- [Troubleshoot the Command Line](#)
- [Sign Up for DC305 Training Classes](#)
- [Working with Pens](#)
- [Working with Reports](#)
- [Run Report from Command Line](#)
- [Run Report from Menu](#)
- [Manage Disposal Codes](#)
- [Fix a FRESH Event](#)
- [Resolve HELD Commands](#)
- [Visualize Item Distribution with GRAPH](#)
- [Visualize Event Distribution with EGRAPH](#)
- [Visualize Historical Measurements with EPLOT](#)
- [Visualize Test Day Performance Trends with PLOT](#)
- [Automate Billing Reports using INVOICE](#)
- [Clear Check \(CHCK\) Status from an Animal](#)
- [Edit Sire Info](#)
- [What is PULSE?](#)
- [Determine an Animal's Value with CowVal](#)
- [Add a Treatment Protocol](#)
- [Change CAR Codes](#)

6.4.1. Common Terms and Commands

Question: Do you have a summary of terms and commands that are commonly used in DairyComp?

Answer: Absolutely! Expand the topics below to learn more about the terms, commands, etc., that you will commonly use in DairyComp:

- ✓ **Common Terms**
- ✓ **Common Items**
- ✓ **Reproduction (Repro) Codes**
- ✓ **Summary of Commands**
- ✓ **Download PDF Quick Reference Guides**

6.4.2. Troubleshoot the Command Line

Question: VAS Support receives numerous questions about working with commands:

- Why doesn't my command work?
- Is there a list of commands?
- What are the parts of a command?
- Are there any advanced commands?

Answer: The [Command Line](#) and [Tips for Using the Command Line](#) reference topics should answer most of your questions about command use in DairyComp! Click any of the questions below to find your solution:

- [My command is not working. How do I fix it?](#)
- [Where can I find a list of commands?](#)
- [How do I interpret the different parts of a command?](#)
- [Are there any advanced command options?](#)

6.4.3. Sign Up for DC305 Training Classes

Question: Where can I sign up for training classes about DairyComp?

Answer: You can browse and sign up for training classes at <https://vas.com/training-courses/>! VAS offers several instructor-led and self-paced courses that cover everything from the DairyComp basics to classes about specific DairyComp strengths, like the power of its reproduction analysis tools.

6.4.4. Working with Pens

Question: VAS Support receives numerous questions about working with pens:

- How do I add a new pen to DairyComp?
- How do I set up my pen's capacity?
- How do I move an entire pen of cows to another pen?

Answer: The [Pens](#) reference topic should answer most of your questions about pen management in DairyComp! Click any of the questions below to find your solution:

- [How do I add a new pen to DC305?](#)
- [How do I set up my pen's capacity?](#)
- [How do I move an entire pen of cows to another pen?](#)

6.4.5. Working with Reports

Question: How do I run a report in the command line? Can I run a report without using the command line?

Answer: The [Reports](#) reference topic can answer many of your questions about running reports! Click on one of the questions below to find your solution:

- [How do I run a report in the command line?](#)
- [Can I run a report without using command line?](#)

6.4.6. Run Report from Command Line

The DairyComp command line allows you to enter simple commands (such as ALTER or BREDSUM) or saved, predefined command abbreviations (such as `COWSDUE` or `COW2DRY`) to launch tools. However, you can also enter command strings to run reports. In this case, the command line syntax is a bit more complex. It can be confusing if you don't recognize what the different parts of the command string represent.

For example, when you see the command below, would you know what each part represents and what you will see in the report after you run it?

SHOW ID MILK LACT PEN FOR PEN=4 MILK>90 DOWNBY MILK

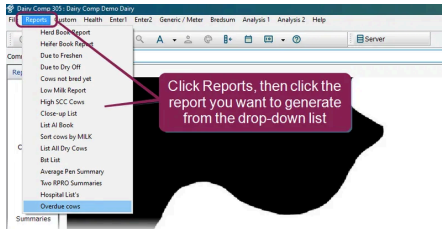
If you're not quite sure, then the tutorial below is for you! Once you begin to understand the basic command line syntax, you can craft reports that meet your exact needs.

▼ Tutorial: Create a report in the command line

If you want to delve deeper into other command line options, see [Command Line](#).

6.4.7. Run Report from Menu

The DairyComp **Reports** menu allows you to run common reports without using the command line. You can even customize the Reports list to include reports that you use the most (see [Add Commands to the Menu](#) for instructions). Then, you can generate any listed report directly from the menu by selecting it from the list.



6.4.8. Manage Disposal Codes

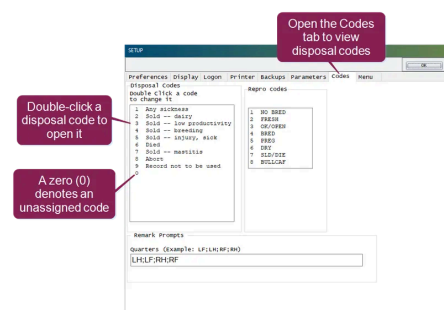
Question: How can I add a new disposal code to DairyComp or change an existing disposal code?

Answer: DairyComp disposal codes can easily be added or changed from the SETUP window. Follow the instructions below to learn how:

Whenever a SOLD event is entered for an animal, a disposal code is entered along with that event. Put simply, a disposal code tells the system why the animal was sold (i.e., culled from the herd). These disposal codes can then be used for later analysis.

NOTE: Users can only assign disposal codes to SOLD events. Users cannot assign a disposal code for a DIED event, since DIED events are automatically assigned disposal code #6.

To view and manage your disposal codes, enter SETUP in the command line to open the SETUP window, and then click the Codes tab.



All of the disposal codes currently configured for your DairyComp system are shown on the left side of the Codes tab. Each disposal code has a unique number. Note that entries numbered 0 (zero) are unassigned; these can be used to create additional disposal codes.

Expand the topics below to learn more:

- ✓ **Change a Disposal Code**
- ✓ **Add a Disposal Code**

6.4.9. Fix a FRESH Event

Question: I have mistakenly entered a FRESH event for an animal. How can I bring the animal back to its previous status?

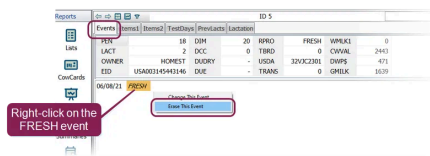
Answer: You can remove a FRESH event from an animal by erasing it directly from an animal's CowCard, provided that all events entered after the FRESH event are removed first.

The FRESH event is the main starting event for all lactation records above lactation 0. Therefore, in order to remove a FRESH event, all the events that were entered after the FRESH must be removed first. For example, if you enter a FRESH event for an animal and then enter a MOVE event for that same animal, you must first erase the MOVE event before the system will allow you to erase the FRESH event.

NOTE: You can change FRESH event details (such as its date or remark) at any time. You don't need to erase any events before modifying your event details. Note the following:

- Removing a FRESH event also removes any test day records associated with it, so those records will have to be entered back manually, if necessary.
- Any calf records created by the FRESH event will also be removed when the event is erased.
- When a FRESH event is removed, the animal will revert back to her previous lactation record if that record still exists in the cowfile.

To remove a FRESH event, go to the animal's CowCard, right-click on the event, and select **Erase this Event**.



Once you've removed the FRESH event, you can re-enter the FRESH event correctly, if need be, along with any other necessary information.

6.4.10. Resolve HELD Commands

Question: What are HELD commands and how do I resolve them in DairyComp?

Answer: HELD commands are transactions that could not be processed because of an error. Instead of being discarded, they are saved for review so you can correct them and keep your herd records accurate. HELD commands must have their errors resolved so they can be reposted and entered into the cowfile.

DairyComp processes many types of commands—typed in by you, sent from other systems, or generated automatically. When a command fails, for example because an animal ID does not exist, an event name is unknown, or a birth date does not match, it is stored as a HELD command. The command is saved together with an error message so you know what went wrong. This prevents incomplete data from being lost or silently corrupting your records.

- ✓ **Seeing a Large Number of HELD Commands at Once?**
- ✓ **Common Causes of HELD Commands**
- ✓ **How to know when there are HELD commands**
- ✓ **Review HELD Commands**
- ✓ **Editing HELD COMMANDS**
- ✓ **Reposting HELD commands**
- ✓ **Delay HELD Command Processing**
- ✓ **Resolve Common HELD Errors**

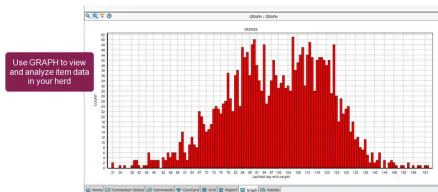
6.4.11. Visualize Item Distribution with GRAPH

Question: How can I analyze the frequency or correlation of numeric animal items (like Days in Milk or Milk Production) in DairyComp?

Answer: Use the GRAPH command to display the relationship between one or two numeric items (not events) on a graphical basis.

GRAPH provides two main types of visual analysis:

- A bar graph showing the **frequency or quantity of an item (such as milk values)**.
- A scatter plot showing the **correlation between two items**. This function uses any numeric item (for example, MILK, DIM, or DOPN).



IMPORTANT: Do not confuse the GRAPH command with EGRAPH. The EGRAPH command is used for plotting events (like MAST or FRESH). GRAPH is for plotting numeric items. Also, DairyComp automatically runs the EGRAPH command if you enter an event name after the GRAPH command (for example, GRAPH MAST).

You can run the GRAPH function using a selection window to choose your parameters (items, range, etc.) for analysis, or you can add your parameters to the GRAPH command directly in the command line.

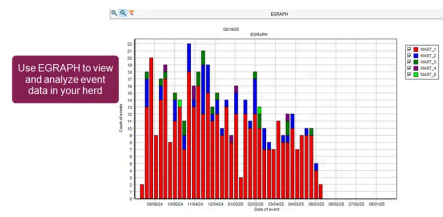
- ✓ **Using the GRAPH Item Selection Window**
- ✓ **Run GRAPH from the Command Line**
- ✓ **Print**
- ✓ **Zoom In/Out**
- ✓ **Drag Graphs and Plots**

6.4.12. Visualize Event Distribution with EGRAPH

Question: How can I use the EGRAPH command to analyze event distribution and trends in my herd records?

Answer: The EGRAPH command is a visual analysis tool that turns raw event data into interactive graphs that show the distribution of events (like MAST, BRED, or DRY) within your herd.

EGRAPH provides a clear, charted distribution of events, helping you quickly validate protocols, spot unusual event peaks, and identify high-risk periods. By converting records into visual data, it tells you when and where specific health and management events occurred within the herd.



You can run the EGRAPH function using the Options window to select your parameters. Alternatively, you can add parameters to the EGRAPH command directly in the command line.

- ✓ **Open the EGRAPH Options Window**
- ✓ **Understanding EGRAPH Output**
- ✓ **Investigate Events in the Bar Graph (Drill-down)**
- ✓ **View the EGRAPH Data as Text**
- ✓ **View a Scatter Plot of Events**
- ✓ **Understanding the Event Gap**
- ✓ **Run EGRAPH from the Command Line**
- ✓ **Print**
- ✓ **Zoom In/Out**
- ✓ **Drag Graphs and Plots**

6.4.13. Visualize Historical Measurements with EPlot

Question: How can I analyze the historical trend of measurements like Body Condition Score (BCS), Weight, or Height for individual animals or groups in DairyComp?

Answer: Use the EPlot command to display the historical progression of specific numeric measurements that have been recorded in the Remark field of events.

EPlot provides visual analysis for three types of animal measurements over time:

- Body Condition Score
- Weights
- Heights

The historical data for these plots is typically sourced from the [BCS \(Body Condition Score\) Event](#) and the [MEASURE event](#). The specific event codes used for each measurement are defined in the [EPlot Settings](#) (`EPlot\M`).

✓ Why Track Body Condition Score?

EPlot differs from standard graphing commands because it plots the numeric value found in the **Remark** field of a specified event (for example, the body condition score recorded in the BCS event). Don't confuse EPlot with the GRAPH or EGRAPH functions:

- [GRAPH](#) plots current numeric item values (for example, MILK).
- [EGRAPH](#) plots the frequency of events over time (for example, MAST count).
- **EPlot plots historical measurements saved in the Remark field over time.**

IMPORTANT: Because EPlot reads from the **Remark** field, that data must be correct. The numeric value entered into the Remark field for Body Condition Score, Weight, and Height is always processed as two decimal points (for example, 4.20 or 2.40). For Body Condition Score, a value of "1" is processed as 1.00 and a value of "4.2" is processed as 4.20.

✓ Configure EPlot Settings

✓ Run EPlot from the Selection Window

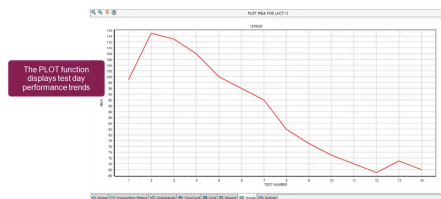
✓ Run EPlot from the Command Line

6.4.14. Visualize Test Day Performance Trends with PLOT

Question: How can I visualize and compare test day milk and component trends for individual animals or groups in DairyComp?

Answer: Use the PLOT command to visualize test day performance trends for individual animals or groups.

PLOT lets you display one or more numeric items (such as milk production or fat percentage) as curves on a graph or as raw data tables. You can also compare two groups on the same graph or break down results by categories like lactation group, cow breed, or test day pen. This function is helpful for analyzing production patterns, monitoring herd performance, and benchmarking different animal groups over time.



Unlike the [GRAPH](#) or [EGRAPH](#) functions, which focus on items or events, PLOT is specifically designed for historical test day data. It can show trends across multiple tests, helping you understand changes in performance over time.

You can run the PLOT function using selection windows to choose the item(s) you want displayed. Alternatively, you can add parameters to the PLOT command directly in the command line.

- ✓ **Run PLOT using the Selection Windows**
- ✓ **Understanding the PLOT Output**
- ✓ **Adjusting Plot Settings with the Options Button**
- ✓ **Plotting Groups and Advanced Options**
- ✓ **Data Grouping**
- ✓ **Common Command Line Switches**

6.4.15. Automate Billing Reports using INVOICE

Question: How can I automate and customize billing reports?

Answer: The INVOICE command is a reporting tool designed to generate customized, detailed bills.

The INVOICE function is mainly used for two specific types of operations:

- **Heifer ranches:** For calculating and billing daily charges based on animal inventory over a period of time.
- **Service providers (such as veterinarians and hoof trimmers):** For calculating and billing flat rates per event or procedure performed.

IMPORTANT: The INVOICE command cannot run without an invoice definition file. This file defines your charges, credits, and reporting structure by listing all the rules for billing. Assistance from technical support is often required to initially set up or update this file, as it requires specific formatting. See [Create or Manage the Invoice Definition File](#) to learn more.

- ✓ **Create or Manage the Invoice Definition File**
- ✓ **Run the INVOICE Command**
- ✓ **Add a Logo to Invoices**
- ✓ **Manually Confirm Data Prompts**

6.4.16. Clear Check (CHCK) Status from an Animal

Question: How do I clear the CHECK status from an animal so that it's removed from a vet list?

Answer: A CHECK (CHCK) status can be removed from an animal by changing its vet code status to OK, as explained below.

The **CHECK** status (vet code 1: CHCK) is assigned to an animal to ensure that it's added to the next vet list when it's generated. Usually, this is done by adding a CHECK event to an animal.

To clear the CHECK status, enter an OK event for the animal. This can be done by the vet when entering exam results (either in DairyComp directly or through the mobile app, Pocket CowCard, or PULSE Platform). The OK event clears the vet code item for the animal and sets it back to zero (0).

To clear a CHCK directly in DairyComp, enter the following in the command line:

```
ENTER VC=0
```

The system will then prompt you for the ID of the animal to change. This method is helpful after you've manually removed a CHECK event from an animal's CowCard but the animal remains on the vet list. (See [Erasing an Event from a CowCard](#) to learn more).

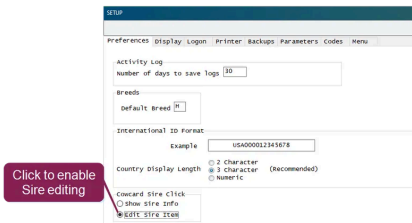
✓ **How can I make sure the CHECK status is enabled?**

6.4.17. Edit Sire Info

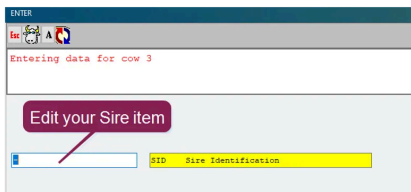
Question: When I click Sire items on my CowCard, I can only view my Sire item information. How can I edit the Sire items?

Answer: By default, editing Sire items is not enabled in DairyComp because sire information usually doesn't change. However, you can use the **SETUP** window to enable editing:

1. Enter **SETUP** in the command line and press **Enter** to view the **SETUP** window (see example in the next step).
2. Go to the **Preferences** tab, and in the **CowCard Sire Click** field, select **Edit Sire Item**.



3. Click **OK** in the upper right corner to save your changes.
- You should now be able to edit your Sire items in your CowCards.



6.4.18. What is PULSE?

Question: What is PULSE and how will it help me?

Answer: The VAS PULSE Platform sends your on-premise DairyComp data to the cloud, allowing you to view and manage your data anywhere on most WiFi- or data-connected web browsers and on any Android- or iOS-supported device. The DC on Mobile app is also the next generation of Pocket CowCard, so it can perform many of the same functions, including processing events and worklists and pairing with scanners/wands.

With our products, you can gather data that can span your animal's entire lifecycle from birth to milk insights to nutrient management. With the added power of PULSE Platform, you can access that stored data whether you're right beside your animal or you're miles away from your farm. You can stay connected and make informed decisions to strengthen your operation no matter where you are!

Here are a few things that you can do in PULSE Platform:

- Complete event entries from breedings, pen moves, and foot trims—just to name a few
- Log herd check results on your mobile device via PULSE Platform VetList
- Keep track of your animals' hospital treatments
- Monitor your partner integrations
- Record how many embryos are in your inventory and when embryos are implanted using Embryo Transfer Module
- And so much more!

Ultimately, the VAS PULSE Platform gives you the freedom to stay connected to your dairy's data even when you're away from the office or the farm, without sacrificing the many benefits that VAS products have to offer.

Click [here](#) to learn more about the VAS PULSE Platform!

6.4.19. Determine an Animal's Value with CowVal

Question: What is CowVal and how do I use it to determine the value of my animals?

Answer: CowVal is a tool for estimating the value of each adult animal in your herd. See [CowVal](#) to learn more!

6.4.20. Add a Treatment Protocol

Question: How do I add a treatment protocol to DairyComp?

Answer: Treatment protocols are managed through CowCare, which you can activate by following the procedure listed in the [Install CowCare](#) article. When CowCare is activated, see [Edit Protocols](#) for steps on how to set up your protocols!

6.4.21. Change CAR Codes

Question: What is a CAR code and how do I change it?

Answer: The **C**ondition **A**ffecting **R**ecord (CAR) code is a disposal code that the DHIA uses to determine why an animal record was disposed and should not be used for sire proofs. It's important to set these codes correctly because a disposal code tells the system why the animal was sold (i.e., culled from the herd) and can be utilized to analyze data on culling decisions.

When you create a SOLD event for an animal, you can manually select the CAR code or DairyComp automatically selects it. If you are interfaced with DHIA, DairyComp automatically sets the CAR code to **6** for a DIED event and **8** for a SOLD event. If you are not interfaced with DHIA, you can select **6** for a DIED event, **8** for a SOLD event, or any other disposal code.

Currently, you can only change CAR codes for SOLD events. Expand the sections below to learn more:

- ✓ **Change a CAR Code for One Sold Animal**
- ✓ **Add Additional CAR Codes**

6.7. VAS Webinars

Question: Do VAS product experts host webinars?

Answer: Yes! 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.