Dairy COMP 305 - Herd Monitoring commands

Here are 10 Dairy COMP 305 commands that can be typed on command line to generate a table or graph of the information. Included with each command is a brief description of the command content.

GRAPH FSTBF FOR LACT>0 FDAT>-365 BY FDAT LCTGP\B

Scatter graph of first test butterfat by fresh date for cows that freshened in the last year. The data points will be color coded by lactation group, with cows fresh recently on the right. The \B switch includes active cows and sold cows that have calved in the last year. This graph will show how first test butterfat %’s have changed over time.

The item FSTBF may need to be created prior to running this command. To create FSTBF, you need to open Alter, choose 2. Items, choose ADD an Item
Item name = FSTBF
Item Type = 83
Value = 1
Value = 0
Description – first test butterfat

SUM DIMTD MILK PCTF PCTP SCC FOR LACT>0 RC<6 BY LCTGP STAGE\F
(See the command TDSUM1)

A table of production information broken down by lactation group and stage of lactation. Also included on the bottom of the table is a herd summary of the data by stage of lactation. Click on the stage of lactation or lactation group of interest to get individual cow details.
GRAPH RAT1 FOR LACT>0 FDAT>-365 BY FDAT LCTGP

Scatter graph of first test protein to fat ratio by fresh date for cows that freshened in the last year. The data points will be color coded by lactation group, with cows fresh recently on the right. The ‘\B’ switch includes active cows and sold cows that have calved in the last year. This graph will show how first test ratios have changed over time.

The item RAT1 may need to be created prior to running this command. To create RAT1, you need to open Alter, choose 2. Items, choose ADD an Item
Item name = RAT1
Item Type = 85
Value 1 = 1
Value 2 = 21
Description – first test protein: fat ratio

GRAPH MILK BY DIMTD LCTGP FOR LACT>0 RC<6
(see the command MLKG)

Scatter graph of current milk production (kg/d) by stage of lactation (DIM) of all active cows in the herd. The data points will be color coded by lactation group, with cows fresh recently on the left.

MONITOR

The MONITOR report stores data for 13 ‘snapshots’ of herd monitoring measures that are defined by the user. The MONITOR report is calculated every time new herd data is downloaded from the LOOP.
The herd measures that MONITOR displays can be customized by the user. Any changes in the measures will take affect at that time and going forward. Historical data for new measure cannot be calculated.
Consider using MONITOR\C to display full date format and all 13 columns of data will be displayed.
Scatter graph of week 4 milk production (kg/d) by fresh date for cows that freshened in the last year. The data points will be color coded by lactation group, with cows fresh recently on the right. The ‘\B’ switch includes active cows and sold cows that have calved in the last year. This graph will show how early lactation milk production has changed over time. Week 4 milk production is a good measure of the success of the transition program since there will be little lag time.

The item W4MK may need to be created prior to running this command. To create W4MK, you need to open Alter, choose 2. Items, choose ADD an Item
Item name = W4MK
Item Type = 122
Value = 4
Description – milk production- week 4 in lactation

PLOT LS=4.0 BY LS FOR LACT>0\YTRZ

Summarizes udder health using linear score (LS) over the last thirteen months, using a LS=4.0 as the cutoff to calculate CHRONIC, NEW INFECTION, CURED, CLEAN, HI-FRESH and LO-FRESH. Each category will display a percentage of herd as well as the number of cows in each category for each test day displayed.

Chronic = cows with LS > 4.0 and PLS > 4.0
New Infection = cows with LS > 4.0 and PLS < 4.0
Cured = cows with LS < 4.0 and PLS > 4.0
Clean = cows with LS < 4.0 and PLS < 4.0
For percentages the denominator is number of cows with LS > 0 and PLS >0

HiFresh = cows with LS > 4.0 and below 35 DIM
LoFresh = cows with LS < 4.0 and below 35 DIM

Cure Risk = % of cows with LS < 4.0 that had a PLS > 4.0
New Risk = % of cows with LS > 4.0 that had a PLS < 4.0
**GRAPH BRED\S**

A scatter graph of all bred events entered for active cows as well as cows that left the herd in the last year. Each square represents a BRED event; therefore a cow bred multiple times will have multiple colored squares on the graph.

Consider adding ' \N#' where # = the times Bred number.

For example GRAPH BRED\SN1 will show all first inseminations only.

**EVENTS and EGRAPH**

The EVENTS command provides options to summarize animal events that occurred in the herd by date or DIM in a table. A FOR statement can be used to tabulate for a subset of animals like cows (EVENTS FOR LACT>0) or heifers (EVENTS FOR LACT=0).

The EGRAPH command opens a module to graphs events entered by many different time variables. The data can be viewed as a bar graph or scatter graph. The OPTIONS wizard at the end of the command line allows for easy customization of the events graph.

**GUIDE**

This command opens a module that lists common questions asked in several herd management areas. Clicking on the question will give an answer in the form of a table or graph.