Graph of first service protocol to review if and/or when changes have been made. You can double click on individual squares to look at each cow card.

or

Graph of first services by DIM for last year

Select options from task bar

To set VWP if not 50 DIM

Use V(#) if voluntary waiting period is not 50 DIM, look at lact=1 and lact>1 separately

(V if needed) Look at the three most recent months (lact=1 and lact>1, look at how well they are cycling for the first heat cycle, see if there are any other heat periods with issues)

Review heat interval 4-17 to see if they are over 10% total of breedings, also review interval 1-3 and compare the conception numbers for each date range

Look a specific period of time to show changes

CR by week

Constructs a “2-way” table of two of the choices listed below. The letters (capitals highlighted) are designated by the following key taken from nine of the BREDSUM Menu Options:

- Sire
- Stud code (Manufacturer)
- Technician
- Breeding code
- Number times (Bred)
- Interval analysis
- Day of the Week
- Calendar month
- Cycle Number

Technician by breeding code

Service number by breeding code

Service number by technician

Summary of conception rate (CR) by lactation group

Creates a cross table by lactation group and service number

Summary of the CR by reproductive code.

To determine the effect of high SCC on reproduction, chose PR or CR options.

Repro reports for lower SCC cows. Use to compare to the previous group of cows.

Reproduction section, click on reproduction tab for a variety of options.

Review either by month or DIM

Calf table for percent heifers and bulls

Calf table by stud code

*** must create item for PSTDC

Calf table by previous sire of conception

Calf table for sexed semen > 507

“Clear All” and then OK. Reviews the herd over the past 750 days for cattle inventories, etc.

List pen grouping

List pen grouping

Review percent pregnant

Review repro status by pen

List average DIM at first breeding, days open, and calving interval

Review the palpation rate of a vet check

List average heat interval. Divide this number into 21 to calculate the submission rate after 1st service (Example SUM HINT = 34; 21÷34 = 62%)
Dairy Comp Commands for Analysis - Heifers

**BREDSUM\** To review heifer breedings - select from options menu

**BREDSUM\YX** Use the codes above to create a two-sided summary

**BREDSUM\YXMO** Look at heifer breedings by stud code and breeding code

**GRAPH AGEFB FOR LACT=0** Graph to review heifer first breeding compliance

**GRAPH AGEFR FOR LACT=1** Graph of age at calving for 1st lactation cows

**BREDSUM\YER** Once entered select the Pregnancy Rate (E), then click on the graph option tab. This will provide a graph of pregnancy rate and insemination rate by heat interval based on the start of heifer A.I. Add the ‘V’ switch at the end of the command to set the VWP for heifers in days - such as: BREDSUM\YERV390.

**EGRAPH EC=5\YAINS1** Provides a scatter graph age at first service for each heifer during the last 12 months. This will provide information on the heifer first service compliance levels.

**GRAPH BRED BY AGE\YN1W1** Provides a histogram of the heifer age in days at first service.

**GRAPH BRED BY AGE\YN1W1** Provides a histogram of the heifer age for all services.

**GRAPH BRED\NSY** Provides a scatter graph on all heifer services by age in days.

**BREDSUM\XMNY** Provides a cross table of the CR by stud code and age in months.

**BREDSUM\RY** Provides CR by week.

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**SUM PEAKM MILK 305ME PCTF PCTP SCC DIM BY LCTGP FOR LACT>0 DDAT=0** To review cow numbers by lactation, milk production, component levels, somatic cell, average days in milk.

**SUM DIM MILK 305ME BY LCTGP** To summarize production by lactation groups.

**SUM DIMFB DOPN CINT BY LCTGP FOR LACT>0 RC>1** To review average days to first breeding, average days open, average calving interval by lactation group.

**SUM BY SIRC FOR RC=5-6** Gives you percent A.I. and natural service.

**EGRAPH OPTIONS:**

**EGRAPH** Graph to plot events, option of calendar month or DIM.

**EGRAPH ABORT\** Graph of when abortions occur plotted by number of occurrences and days carried calf.

**EGRAPH SOLD DIED\** Graphs number of sold and dead cows by month.

**BREDSUM\** Provides a cross table of the CR by stud code and age in months.

**GRAPH AGEFB FOR LACT=0** Graph to review heifer first breeding compliance

**GRAPH AGEFR FOR LACT=1** Graph of age at calving for 1st lactation cows

**BREDSUM\YER** Once entered select the Pregnancy Rate (E), then click on the graph option tab. This will provide a graph of pregnancy rate and insemination rate by heat interval based on the start of heifer A.I. Add the ‘V’ switch at the end of the command to set the VWP for heifers in days - such as: BREDSUM\YERV390.

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**GRAPH BRED\NSY** Provides a scatter graph on all heifer services by age in days.

**BREDSUM\XMNY** Provides a cross table of the CR by stud code and age in months.

**BREDSUM\RY** Provides CR by week.

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**BREDSUM\RY** Provides CR by week.

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The following sequence of commands will determine how well the herd abides by the VWP and if they are getting cows bred by 100 DIM.

**PCT DIMFB>0 DIMFB<(enter VWP) FOR LACT>0 BY LCTGP**

**PCT DIMFB>(enter VWP-1) DIMFB<101 FOR LACT>0 BY LCTGP**

**PCT DIMFB>100 FOR LACT>0 BY LCTGP**

**PCT DOPN<150 DCC>0 FOR LACT>0** The percentage of all cows in the herd that conceived at less than 150 DIM.

**PCT DCC=0 DIM>300 FOR LACT>0** The percentage of cows in the herd that are >300 DIM and still open.

**MONITOR** Overall herd analysis tool provided the operation enters the required data.
**Dairy Comp 305 Commands**

**PCT SCC>0 SCC<300 BY LCTGP FOR LACT>0** Percentage of cows in the herd that are below 300,000 SCC by lactation group.

**LIST ID CWVAL DIM MILK RC TBRD FOR TBRD>4 RC=3-4 BY DIM\CUP** List of cows in the herd with more than four breedings, not confirmed pregnant yet by DIM.

**LIST ID CWVAL DIM RC TBRD FOR CWVAL<0 BY CWVAL\CUP** List of cows in the herd with minus cow value, with the DIM, repro code and times bred.

**SETUP\S** Shows synchronization protocol set-up for hormone injections.

**PRODUCTION:**

**PLOT MILK BY LCTGP\R** A chart plotting the average daily milk production by lactation group.

**PLOT 305ME BY LCTGP\R** A chart plotting the average 305 day mature equivalent by lactation group.

**GRAPH MILK BY DIM LCTGP** A scatter graph of the current daily milk production and DIM for all cows currently in production.

**udder health:**

**SUM LGSCC PRVLG LOG1 DRYLG MAXLG BY LCTGP** Average of the various log SCC levels by lactation group.

**SUM LGSCC PRVLG LOG1 DRYLG MAXLG BY PEN** Average of the various log SCC levels by pen.

**PLOT LGSCC BY LCTGP\R** A chart plotting the average log somatic cell by month and lactation group. Also use this command to determine frequency of SCC testing.

**PCT FOR SCC>250** Percent of cows that are above 250,000 in SCC.

**key performance indicators:**

**GRAPH MILK BY DIM BY LCTGP DOWNBY FDAT FOR FDAT>-150\B** Milk weights.

**GRAPH FSTBF BY FDAT LCTGP FOR FDAT>-365\BR** Milk (DIM) butterfat percentages.

**GRAPH W4MK FOR LACT>FDAT>-365\RL BY FDAT BY LCTGP** Week four milk weights.

**SHOW ID DIM LACT EVT REM FOR FDAT>-60 ARDAT>0\D** Animals leaving the herd within first 60 days in milk.

**data import:**

**FILEOUT\CH ID SID BDAT FDAT DDAT LACT PEN HDAT EC DIMFB TBRD RPRO SCC MILK LSIR CDAT FBDAT FOR LACT>=0** For R³PRO Analysis™

**Sires\M** To import SMS mating into the cow files and lists.

**data export:**

**FILEOUT ID ID SID MGSID DID DID MMGSID LACT CBRD FDAT BDAT\CH** SMS Pedigree/StrataGEN

If MGSID and MMGSID are not available replace each with COD1.

**note:** If you experience difficulty with codes using DIMFB, try replacing DIMFB with BRED1.