BREDSUM COMMAND

Conception Risk Options

- By number of times bred: BREDSUM\B
- By calendar month: BREDSUM\C
- By breeding time gap: BREDSUM\G
- By breeding interval: BREDSUM\I
- By hour of day: BREDSUM\K
- By activity level: BREDSUM\J
- By sire manufacturer: BREDSUM\M
- By cycle number: BREDSUM\N
- By breeding pen: BREDSUM\P
- By prostaglandin analysis: BREDSUM\PG
- By breeding code: BREDSUM\O
- Q-Sum graph: BREDSUM\Q
- By conception week: BREDSUM\R
- By service sire: BREDSUM\S
- By technician: BREDSUM\T
- By day of the week: BREDSUM\W
- By breed of sire: BREDSUM\Z
- By semen type: BREDSUM\*

Pregnancy Risk Options

- 21 day preg risk: BREDSUM\E
- Bull only preg risk: BREDSUM\EU
- Bull and AI preg risk: BREDSUM\EA
- Preg risk with VWP: BREDSUM\EV70
- W/METR vs wo/METR: BREDSUM\EV70 FOR XMETR>0 vs XMETR=0
- W/hi SCC1 vs w/low SCC1: BREDSUM\EV70 FOR LACT=1 SCC1<200 vs SCC1>=200

Miscellaneous Options

- Prompt for date range or x days: BREDSUM\D
- Prompt for cross table: BREDSUM\X
- Bred# vs semen type: BREDSUM\XB*
- Tech vs breeding code: BREDSUM\XT0
- Bred# vs breeding code: BREDSUM\XBO
- Month vs breeding code: BREDSUM\XCO
- Bred# vs tech: BREDSUM\XT
- Look at youngstock only: BREDSUM\Y
- W/METR vs wo/METR: BREDSUM\B FOR XMETR>0 vs XMETR=0
- W/hi SCC1 vs w/low SCC1: BREDSUM\B FOR LACT=1 SCC1<200 vs SCC1>=200

REPRODUCTIVE CODES:

<table>
<thead>
<tr>
<th>RC</th>
<th>RPRO</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No Status or virgin heifer</td>
</tr>
<tr>
<td>1</td>
<td>DNB (do not breed)</td>
</tr>
<tr>
<td>2</td>
<td>FRESH</td>
</tr>
<tr>
<td>3</td>
<td>OK\OPEN</td>
</tr>
<tr>
<td>4</td>
<td>BRED</td>
</tr>
<tr>
<td>5</td>
<td>PREG</td>
</tr>
<tr>
<td>6</td>
<td>DRY</td>
</tr>
<tr>
<td>7</td>
<td>SOLD/DIED</td>
</tr>
<tr>
<td>8</td>
<td>BULLCALF (male)</td>
</tr>
</tbody>
</table>
**ECON COMMAND**

- Bulk Tank SCC Report
- Dead Cow Summary
- Projected Herd Summary
  - With Cull Rate
- Past Cow Inventory
- Past Heifer Inventory

**EGRAPH COMMAND**

Check on DIM @ 1st service cows
- By lactation group
- For youngstock

Lots of EGRAPH commands in GUIDE
- Overview tab
- Transition tab
- Mastitis tab
- Replacements tab

Use the OPTIONS button to help modify the EGRAPH specifics

**EVENTS COMMAND**

- List of cows and events
- Add items for more info
- Calf Report
  - By lactation group
  - By PSIRC for sexed semen
  - By breed of PSIRC (type 190)
  - By semen type of PSIRC (type 190)

Table by Month
- By chronological date order
- By day of the week
- Include PREG/OPEN counts

Table by DIM

Table by Month of Fresh

Table of Transition Events
  - With SOLD/DIED

Use GAP value for reoccurrence vs new event

EVENTS\2SI
- \S – Select date range
- \1 – Select which events to include

EVENTS ID LACT RPRO DIM \2SI

Use FOR LACT>0 for cows or FOR LACT=0 for heifers

EVENTS\3
- EVENTS BY LCTGP\3
- EVENTS FOR PSIRC>507H
- EVENTS BY PSBRD
- EVENTS BY PSGEN

EVENTS\5
- EVENTS\5O
- EVENTS\5W
- EVENTS\5C

Combined table, use FOR statement to split cows/heifers

EVENTS\6
- \Y – show youngstock only as table, defaults to cows only

EVENTS\7
- Shows peer groups by fresh date, be cautious with this report

EVENTS\UD
- EVENTS\UDR

Use GAP value for reoccurrence vs new event

Set in ALTER\9 for each event

Use EVENTS MAST:10 FOR LACT>0\5, as example of report to set GAP on the fly
GRAPH COMMAND

One item by itself is a bar graph; one item by another item is a scatter-graph
Can graph any item that is useful or makes sense

- Look at item distribution
- Look at regression line
- Look at survival curve
- Look at lactation curves by DIM
- Sorted by lactation group
- Look at SCC vs PSCC
- Look at LOG1 vs DRYLG

GRAPH DDRY FOR LACT>0
GRAPH BWT FOR LACT=0 BDAT>-365 BY BDAT \R
GRAPH DOPN FOR LACT>0 DUE>0 \S
GRAPH MILK BY DIM FOR LACT>0
GRAPH MILK BY DIM LCTGP FOR LACT>0
GRAPH SCC BY PSCC LCTGP FOR SCC>0 PSCC>0
GRAPH LOG1 BY DRYLG LCTGP FOR LOG1>0 DRYLG>0

LIST/SHOW COMMAND

- Double space the report
- Average items by the sort-group
- Show both live and dead animals
- Compress print the report
- Show only dead animals
- Eject after each new sort-group
- Limit the list to n animals
- Print multiple copies of report
- Print data in multiple columns on page
- Display only summary data, no animals
- Display summary with animals
- Print underline after last column
- Show events under each cows line

\2 \A \B \C \D \E \LN \M \P \Q \T \U \V

OPERATORS USED IN FOR STATEMENTS:

- Equal to
- Greater than
- Greater than or equal to
- Less than
- Less than or equal to
- Not equal to
- Inclusive range, low to high value
- Exclusive range, high to low value
- OR values
- OR criteria, need 2 sets of ()

MONITOR COMMAND

- Auto restore, calculate, save report
- Compressed print, show 13 months
- Auto calculate report
- Print/preview report
- Restore report from saved file
- Save current monitor report to file

MONITOR\AN
MONITOR\C
MONITOR\3
MONITOR\4
MONITOR\RN
MONITOR\SN

PARLOR COMMAND

- Stall summary report w/milking graph
- Milking summary report w/wrong pens
- Wrong pen report only
- Historical overview of parlor

PARLOR  (Will prompt for milking number or use M1-milking1, M2-milking2, M3-milking3)
PARLOR\W
PARLOR\WQ
PARLOR\O
**PLOT/GPLOT COMMAND**

Graphs test day items only

- PLOT MILK FOR LACT>0
- Default is by test number
- Uses average line rather than bar graph or scatter plot

*Use \R for test date*

- PLOT MILK FOR LACT>0 \R
- Use BY LCTGP for more specific graphs
- Use OPTIONS button to change item, dates or format (test number vs date)

Graph SCC over time

- PLOT SCC=200 FOR LACT>0 BY SCC \RD730
- PLOT SCC=1=200 FOR LACT>0 BY SCC1 \RD730
- PLOT SCC=200 FOR LACT>0 BY SCC \RYD730
- PLOT MILK FOR LACT=1 SCC1<200 WITH LACT=1 SCC1>=200

WITH serves as a 2nd FOR statement

**SETDAY COMMAND**

- Set date in cowfile to “today”
- SETDAY\*
- Set date to last event entry date
- SETDAY\E
- Set date to most recent test date
- SETDAY\T
- Set date to selected date
- SETDAY\mm/dd/yy

**SIRES COMMAND**

- Create parent average value – NM$
- SIRES\9 PANM$ NMS FOR LACT=0
- PANM$ is DC item type 16 while NMS is sire specific value
- Create parent average PTA Milk
- SIRES\9 PTAM PTAMILK FOR LACT=0
- SIRES\M

**SUM COMMAND**

- Creates counts of animals
- SUM FOR LACT=1
- Creates averages of items
- SUM DIM MILK PCTF PCTP FOR LACT>0
- Sum up to 7 items in one command
- SUM DIM MILK PCTF PCTP FOR LACT>0 BY PEN
- SUM WMK4 WMK8 PEAK 305ME BY AGEFR FOR LACT=1
- SUM WMK4 WMK8 PEAK 305ME BY XMETR FOR LACT=1

Use any count of a transition disease event item in the BY statement

- SUM 305ME FOR LACT=1 305ME>0 BY 305ME \Q4
- (Can do \Q3, \Q4 or \Q5 also as needed)

- Get quartiles with \Qn
- Get 2x2 tables for SCC vs PSCC
- Use 2x2 table for LOG1 vs DRYLG

- Review low, mid and high groups
- Use 2x2 table for LOG1 vs DRYLG
- Review low, mid and high groups

- Semen type Summary
- SEMEN BY STYPE MODUE FOR DUE>0
- STYPE – item type 190, SIRC item, SEXED option
- MODUE – item type 130, DUE item, mm/yy of DUE