Dairy Comp Commands for Mastitis RAMP

Benchmarking Performance

Cow SCC Classifications	This month												
	#	%	#	%	#	%	#	%	#	%	#	%
A — New												
B — Fresh												
C — Chronic												
D — Number test day												
E — Number clinical mastitis cases												
F — DHI HA SCC												
BTSCC												
Herd BT Goal												

There are two options to find this information in Dairy Comp: Either use specific commands or use the GUIDE command (Select Somatic Cell Counts tab). Instructions below outline both options.

To find NEW, FRESH and CHRONIC values:

PLOT LS=4 BY LS\YRZ – Provides a table of SCC infection dynamics for each testday in the last year. LS/PLS can be substituted for SCC/PSCC with desired cut-off (eg. SCC=200).

OR

GUIDE command > Somatic Cell Counts > Are more cows becoming infected recently? Select the 'Grid' tab at bottom of screen for table format.

Use OPTIONS at the end of the command line to change cut-off, and/or change lactation number.

DEFINITIONS

These four categories add up to 100%:

Chronic: cows above cutoff previous test and above cutoff at a given test **C**

New Inf: cows below cutoff previous test and above cutoff at a given test **A**

Cured: cows above cutoff previous test and below cutoff at a given test

Clean: cows below cutoff previous test and below cutoff at a given test

The first two catagories add up to 100%:

HiFresh: cows tested for first time this lactation and above cutoff at first test **B**

LoFresh: cows tested for first time this lactation and below cutoff at first test

Cure Risk: percentage of total cures this test divided by chronic and new infections last test.

New Risk: total new infected cows divided by the total of cows below cut-off previous test.

To find NUMBER ON TEST DAY and DHI HA SCC:

ECON\SP – Allows selection of previous test dates and provides number of cows sampled and Bulk Tank SCC (calculated based on test day samples). **D F**

OR

GUIDE command > Somatic Cell Counts > What is the bulk tank SCC? – Provides last test day information of bulk tank values. **D F**

To find number of CLINICAL MASTITIS cases:

MASTRPT FOR FDAT>-365\B – List of cows with 1+ cases of clinical mastitis within the last year; 'B' indicates to include any animals that have left the herd. **E**

Note: A clinical case is based on the producer recording a mastitis event. The definition of a clinical mastitis case will vary between farms. An 'Event Gap' can be customized in ALTER> 9.User-defined Events>select 37 MAST and set 'Duplicate event gap'.

BTSCC value is the Bulk Tank SCC determined by DFO and can be found on the milk statement or via producer login at www.milk.org.

For more information, contact DHI Dairy Comp Support at 1-800-549-4373.