



## Culture and Mastitis4 in Dairy Comp Results and Coding for Vets

Results can be loaded into Dairy Comp when they become available from the CanWest DHI and AHL labs. How to load the results and understand the coding is explained below.

### GETTING RESULTS INTO DAIRY COMP

Results will be available after the following test day in the **ZCF** cowfile. A paper copy of results will be sent to the producer and veterinarian and can be entered manually if necessary.

### UNDERSTANDING RESULTS

On the Events page of the CowCard the results will look like the following:

16/ 2/11 CULTURE C/RF	12/12/11 CULTURE R/E/CS
22/ 8/11 CULTURE A/M/R/M3	

All of the results will be recorded as CULTURE, whether the sample was submitted to the AHL lab or CanWest DHI lab for M4 testing.

### IDENTIFYING PATHOGEN CODING

The pathogens are indicated by a single letter code:

A.....S. agalactiae  
 B.....Corynebacterium spp.  
 (including bovis)  
 C.....Staph species (CNS)  
 D.....Strep dysgalactiae  
 E.....E. coli  
 F.....Enterococcus spp.  
 H.....Prototheca  
 K.....Klebsiella spp.  
 M.....Mycoplasma bovis  
 N.....No growth/No pathogens  
 found/Negative  
 O.....Other gram neg (Serratia,  
 Citrobacter, Enterobacter,  
 Pasteurella multocida,  
 Pseudomonas, Proteus, etc.)

R.....S. aureus  
 S.....Strep other  
 T.....Truperella pyogenes  
*(NOTE: Depending on your  
 product version this may be  
 indicating A.pyogenes, when in  
 ALL cases we are reporting  
 Truperella pyogenes)*  
 U.....Strep uberis  
 X.....Contamination  
 Z.....Other mold, Yeast,  
 Fungus, G+ve, Nocardia,  
 other mycoplasma

Multiple pathogens are separated  
 by the slash symbol (/)

At the end of the results separated  
 by the slash symbol (/) are the  
 following two-letter codes:

LF..... Left Front  
 RF..... Right Front  
 LH..... Left Hind  
 RH..... Right Hind  
 CS..... Composite Sample  
 DO..... Dry  
 M4.....Mastitis4 – DHI Metered  
 Composite

### EVALUATING RESULTS IN DAIRY COMP

- To evaluate the distribution of culture results in Dairy Comp, use the command **EGRAPH** and select **CULTURE** (#30) event or use the command **EGRAPH CULTURE\D365**. This will graph previous 365 days of culture results. EGRAPH will only examine the first letter in the remark field of the CULTURE event. The pathogens displayed can be altered by removing check marks in the graph legend.
- To get a list of culture events, use command **EVENTS\2130sXX** where XX=number of days from today.