

WASHINGTON STATE UNIVERSITY



VETERINARY MEDICINE EXTENSION

**Outcomes Driven Health Management**



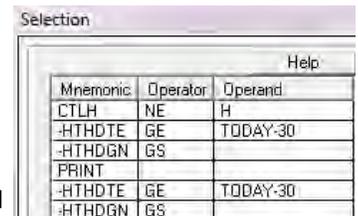
## **Good Health Records Maintenance Guide for DHI-Plus® Health Event Users**

A guide to maintaining recording practices (preventing Protocol Drift)  
for the major diseases of dairy cattle on the farm

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## Preparation & Data Collection:

1. Obtain and open a recent back-up file.
2. Open 'Custom Reports' within DHI-Plus®.
3. Create a new Report:
  - a. HTHDGN Error Reports
    - i. Report fields to use: CTL, CALVDATE, STATUS, -HTHDTE, -HTHDGN
    - ii. Select Logic to use: See image to the right<sup>1</sup>.
4. Run the report created in Step 3.
  - a. Export the report to Excel®--name the worksheet "ALL ENTRIES".
  - b. Save as an Excel® workbook and name accordingly.
5. Browse through the entries in the worksheet, deleting those conditions/diseases not in the dairy's Health Entry Protocols.
  - a. Sort by -HTHDGN and delete events not related to health.
6. Calculate the DIM at the time of the entry by:
  - a. Inserting a new column.
  - b. Subtract CALVDATE from HTHDTE.
7. Insert a column to the right of the data called "COMMENTS".
8. Create a new sheet for each disease recorded to use in Error Checking below.
  - a. Copy and paste the corresponding disease entries from the "ALL ENTRIES" worksheet to the individual disease worksheets.
  - b. If an entry does not fit with a specific disease (ie. ILL, TREATED, HOSP) be sure to indicate it as a potential error in "COMMENTS".



Mnemonic	Operator	Operand
CTLH	NE	H
-HTHDTE	GE	TODAY-30
-HTHDGN	GS	
PRINT		
-HTHDTE	GE	TODAY-30
-HTHDGN	GS	

## Error Checking:

1. Within the individual disease worksheets, compare the entries to what was set up in the Health Event Data Recording Protocols.
2. Make sure that all entries have the same information, in the same order, using the same abbreviations.
3. Common errors:
  - a. Duplicate Entries
  - b. Missing Quarter or Limb
  - c. Forgetting to enter 'No Treatment' cows or cows that have a disease but will be sent to beef instead of receiving a treatment.
  - d. Pay close attention to the DIM for RP and Metritis associated entries, making sure that the disease definition matches when the entries are made.

Note: if the STATUS is 7, 8 or 9, then this could be the reason for removal, not necessarily a health event.

4. For each entry with an error within the disease worksheets, write an applicable reason in the "COMMENT" column.
5. Within the disease worksheets, sort by "COMMENT".
  - a. Count the errors and enter the number of errors under the heading "Errors".
  - b. Count the total entries for that disease and enter that number under the heading "Entries".
6. Return to "ALL ENTRIES" worksheet.
  - a. Add up the errors from the individual disease sheets.
    - i. Enter this value to the right of the entries under the heading "Total Errors."
  - b. Add up the entries from the individual disease sheets as well as those within the "ALL ENTRIES" that weren't classified as specific diseases.
    - i. Enter this value to the right of "Total Errors".
  - c. Calculate % Errors by dividing "Total Errors" by "Total Entries".
    - i. Enter this value to the right of "Total Entries".

<sup>1</sup> Be aware that the current date in DHI-Plus is today's date. If you didn't get the file on the same day you are running the report, adjust the amount of days subtracted

**Error Reporting:**

1. Create a word document.
2. Report to the dairy their overall error rate.
3. Copy the lines with "COMMENTS" and paste as an image into the document under appropriate headings.
4. Add additional comments and descriptions as needed to convey the errors.