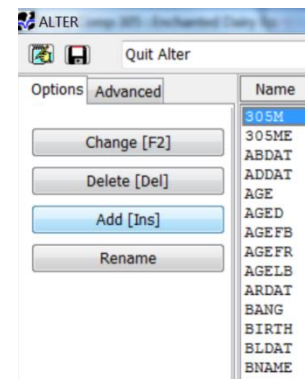
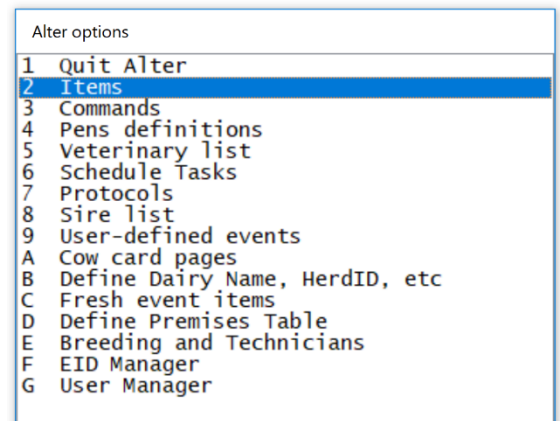




Setting up Lameness Manager in DairyCOMP305

By: Dr. Gerard Cramer

1. Determine what foot lesions you want recorded.
 - a. Suggested:
 - i. Trim Only
 - ii. Sole Ulcer
 - iii. White Line
 - iv. Digital Dermatitis
 - v. Foot Rot
 - vi. Thin Soles
 - vii. Leg-Above foot
 - viii. Other
 - ix. ReBlock (I Prefer just re-enter original lesion as it makes analysis easier)
2. Create a recheck date ITEM (if it doesn't exist)
 - a. Alter\2
 - b. Select ADD
 - c. Item name: RKDAT
 - d. Item Type:18
 - e. Description: Lamé recheck date
 - f. Y to Save
 - g. Y to Initialize
3. Create a times lame item
 - a. Select ADD
 - b. Item name: XLAME
 - c. Item Type: 74
 - d. Description: times lame this lactation
 - e. Y to Save
 - f. Y to Initialize



4. Create a lifetime times lame item
 - a. Select ADD
 - b. Item name: LXLAM
 - c. Item type: 1
 - d. Description: Lifetime times lame
 - e. Y to Save
 - f. Y to Initialize
 - g. ESC 1x

ALTER2 : Item definitions

Item Definition #321
 Name : LXLAM
 Item Type : 1 0 - 255
 Location : 365
 Length : 1
 Description :

Description

Enter item description, up to 31 characters

5. Set up LXLAM event to add XLAME to LXLAM every time a cow freshens
 - a. Pick C Fresh Event Items
 - b. Select 9 Items to be added together
 - c. Click Add
 - d. Select XLAME
 - e. Select LXLAM
 - f. Click OK
 - g. ESC 2x

Alter options

1	Quit Alter
2	Items
3	Commands
4	Pens definitions
5	Veterinary list
6	Schedule Tasks
7	Protocols
8	Sire list
9	User-defined events
A	Cow card pages
B	Define Dairy Name, HerdID, etc
C	Fresh event items
D	Define Premises Table
E	Breeding and Technicians
F	EID Manager
G	User Manager

1	QUIT Alter
2	BACK to Alter Menu
3	Display/Print Fresh Table
4	Items to be zeroed
5	Items to be moved to previous
6	Items to be moved dam to calf
7	Items prompted for the cow
8	Items prompted for each calf
9	Items to be added together

Fresh Table

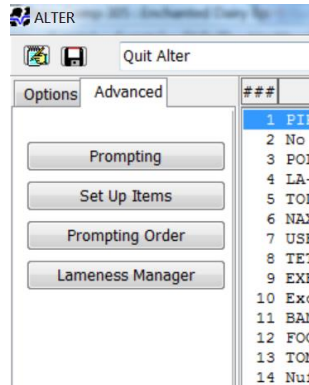
Double click an item to select it

Add THIS item To THIS item

XLAME --> LXLAM

6. Alter\7

7. Click on Advanced



8. Select Lameness Manager

9. Select as many protocols as necessary as determined in step 1.

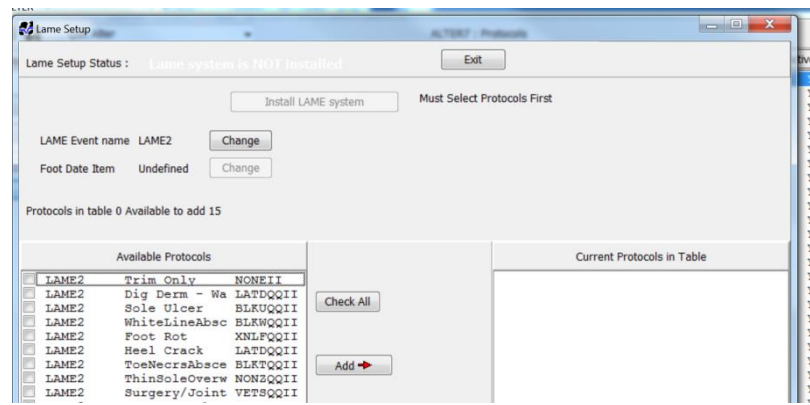
a. Don't worry about remarks those can be changed later.

10. Click Add

11. Check to see LAME event is one that you want to use

12. Click Install Lame System

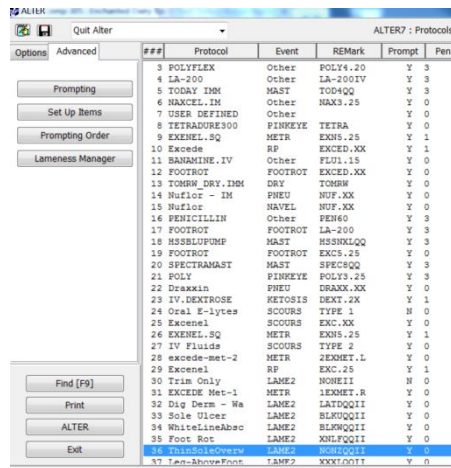
13. Click Exit Lame System



14. Customize Remarks

a. Select Protocol

b. Press Enter



15. Change Protocols as desired

- a. 1st 3 characters are treatment
- b. 4th character is disease code
- c. QQ allow autofill of leg
- d. II allows entering of Trimmer
 - i. Can be used for other things
 1. Severity
 2. Location
 - ii. Remove II if not needed to make data entry faster
- e. If want cows to show up on trim list if they have been blocked set Days to Recheck to a value (27).
- f. Click OK to return to protocol selection screen

ALTER7: Protocols
Editing protocol 36 ThinSoleOverw

Description	ThinSoleOverw	Lame	<input checked="" type="radio"/> Record Normally
Event	24 LAME2		<input type="radio"/> Record FTDAT only
Default Remark	NONZQQII		<input type="radio"/> Record as (event)
Prompt for remark Y/N	Y		
Destination Pen	0		
Days Milk withhold after last treatment	0		
Days Meat withhold after last treatment	0		
Expected days on Protocol	0		
Total treatment cost	0		
Days to Recheck	0		
Make Active Y/N	Y		
Allowed for Adults	Y		
Allowed for Heifers	Y		

16. To facilitate data entry and monitoring change Trim Only Protocol to record as FOOTRIM

ALTER7: Protocols
Editing protocol 30 Trim Only

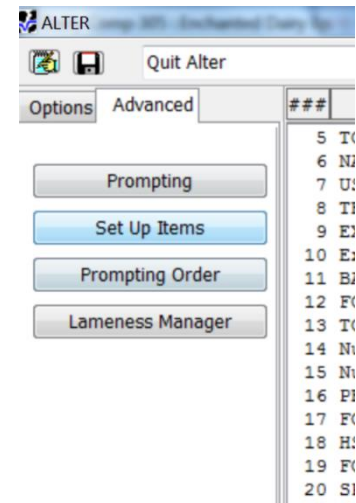
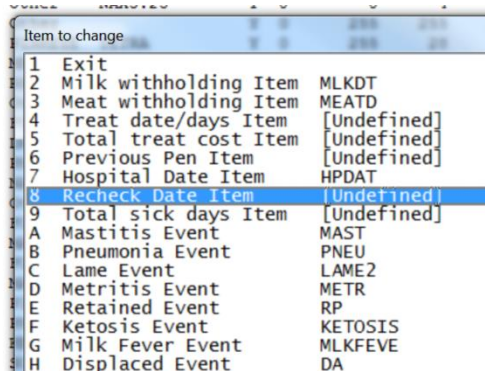
Description	Trim Only	Lame	<input type="radio"/> Record Normally
Event	24 LAME2		<input type="radio"/> Record FTDAT only
Default Remark	NONEII		<input checked="" type="radio"/> Record as (event)
Prompt for remark Y/N	N		
Destination Pen	0		
Days Milk withhold after last treatment	0		
Days Meat withhold after last treatment	0		
Expected days on Protocol	0		
Total treatment cost	0		
Days to Recheck	0		
Make Active Y/N	Y		
Allowed for Adults	Y		
Allowed for Heifers	Y		

Select event

10	NAVEL
11	DRY
12	ABORT
13	DNB
14	SOLD
15	DTED
16	CHECK
17	FEVER
18	XID
19	FSPUMP
20	FOOTROT
21	FOOTRIM
22	MRTRT
23	VACC

17. Once protocols are completed click on Set Up Items

18. Select Recheck Date (this creates a mechanism to automatically put rechecks on the trim list.



19. Find and Select RKDAT

20. Once RKDAT selected

a. ESC 3x

21. Create command to clear cows trimmed before recheck date

a. ADD FIXTRM command

b. Alter\3

c. Select ADD

d. Abbreviation: FIXTRM

e. Content: RKDAT=0 FOR RKDAT>TODAY FTDAT=TODAY REM>NONE

i. NONE depends on what used in step 16

f. Click OK

22. Add Schedule task for above

i. Alter\6

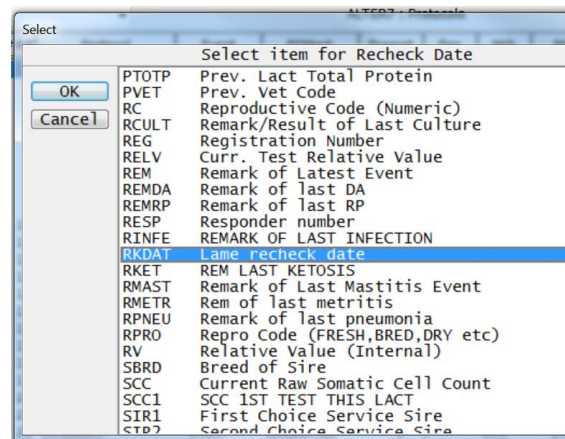
ii. Select ADD

iii. Pick next date etc and set it to run daily

iv. Command to run: FIXTRM from above

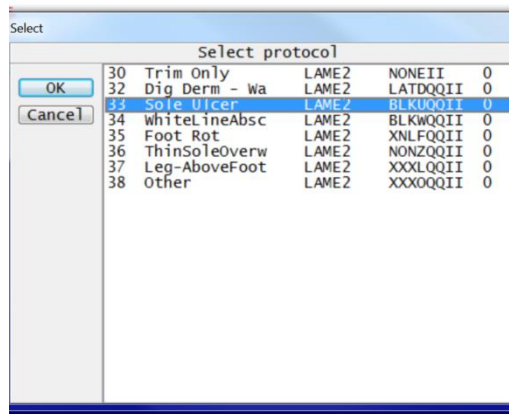
v. Click OK

23. All Done Setup

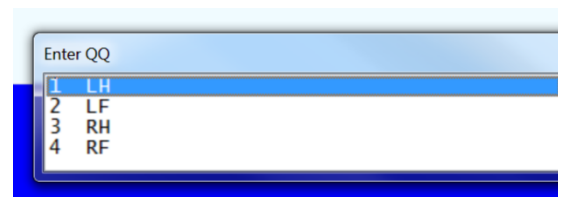


Data Entry with Lameness Manager

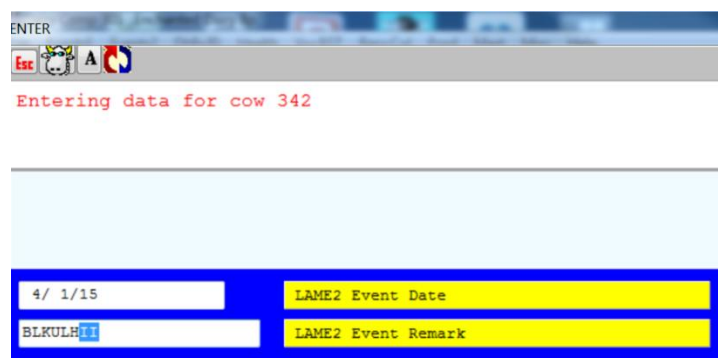
1. Type LAME
 - a. Or whatever event created with Lameness manager
 - b. Even for routine trims type lame.
2. Type CowID
3. Select Protocol



4. Select Leg
 - a. This will not occur for Trim Only
 - i. It will go right to Cow ID Screen
5. Select Date or enter if correct



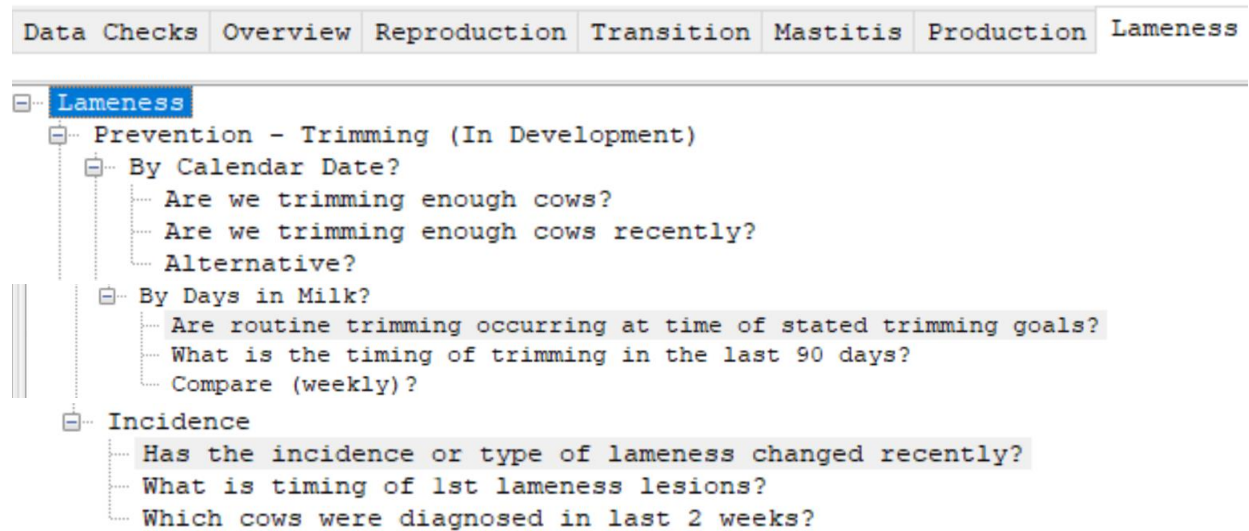
6. If II was left in protocol setup type required code and enter



7. Restart Process.

Data Analysis with Lameness Manager

Note GUIDE has a lameness Tab with most of these questions



1. Basic Questions?

- a. Are we trimming enough cows?
 - i. EGRAPH FOOTRIM LAME
 1. \D## will allow you to see specific days
- b. Are routine trimming occurring at time of stated trimming goals
 - i. EGRAPH FOOTRIM\IW30
 1. \I sets distribution by DIM
 2. \W## sets graph by ## (30)
- c. Has # of 1st lameness changed recently?
 - i. EGRAPH LAME\PN1
 1. N# allows to look at count of lesions
 2. Different lesion are counted as separate "events" when using \N
 - a. A cow with both an ULCER and DD would be in both categories
 3. The % at bottom of report are % of total lesions
- d. What is timing of 1st lameness lesions
 - i. EGRAPH LAME\PN1\I
- e. Which cows are failing
 - i. EVENTS ID LACT PEN XLAME LAME\2S14 FOR XLAME>3
 1. Need to have XLAME set up as an ITEM
 - a. See above set up instructions

Data Analysis with Lameness Manager

2. More Advanced options include
 - a. Can add FOR LXLAM=0 to above commands
 - i. looks at cows with no history of lameness
 1. Need to have XLAME and LXLAM set up as an ITEM
 - a. See above set up instructions
 - b. \Z gets your right to the #'s table
 - c. \W0 makes analysis interval per month instead of week
 - d. To more easily get incidence % of total herd
 - i. GRAPH FRESH LAME\WOZU#
 1. Pick the lesion of interest or add protocol # after U
 - e. :# after EGRAPH LAME:# sets gap
 - i. Gap decides when new entry is a "new" case for counts
 - f. If interested in total # of LAME cows should use a gap of at least 1 to avoid multiple lesions on same cow counted as separate "new cases"
 - g. \U allows you to look at specific lesion individual
 - i. Useful with a by LCTGP
 1. What is the distribution of pick lesion by lactation group?
 - a. GRAPH LAME\W0U BY LCTGP
 - ii. Useful to look at reoccurrence of lesions
 1. How many cows are retreated and have the same lesion?
 - a. EGRAPH LAME:1\PN1W0ZU#
 - b. EGRAPH LAME:1\PN2W0ZU#
 - i. # is protocol number of lesion or leave blank for pick list
 - h. To get a list of cows for 1 lesion
 - i. Need to know protocol # in protocol table
 1. Which cows have been diagnosed with protocol 14 in last 90 days
 - a. EVENTS ID LAME\2S90Q14
 - i. \Q# where # is protocol number
 2. Can be used to dump data into EXCEL or stats program for further analysis

Sample lists (Examples only, need to customize to fit the dairy's system)

1. Criteria for 1st lactation trims (if different from older cows)
 - a. FTCONH (LACT=1 DCC=192-212 FTDAT<-35)
2. Criteria for 2+ milking cows (includes mid lactation trims and dry trims and excludes cows trimmed in last 35 days.
 - a. FTCONM (LACT>1 DIM=107-120 FTDAT<-35) (LACT>1 DCC=192-227 FTDAT<-35)
3. Criteria for recheck list (included criteria to add cows recorded as lame)
 - a. FTCONR (RKDAT<=TODAY RKDAT>0 FTDAT<RKDAT)(FTDAT=1/1/1)
4. Criteria for cows with long days since last trim that are pregnant and past mid trim period
 - a. FTCONL (LACT>1 FTDAT<-180 DCC<109 DIM>120)
5. Adult cow criteria for milking cows.
 - a. FTCONN ADULT RC=2-5 FTCONH FTCONM FTCONR FTCONL
6. One list for all cows
 - a. FOOTLST SD!L ID PEN:3 LACT:2 DIM DCC DRY45:5 DRY60:5 FTDAT:5 LMREM
RKDAT:5 LEG DSTRM FTCONN BY PEN DOWNBY DIM\AU!SD*
7. Command for manual data entry
 - a. LAME SD!ENTER EC=36 REM!SD*
8. Command to add cows to trim list (creates a new event, not necessary, but can be useful)
 - a. LAMEADD ENTER EC=59 REM EDAY FTDAT=1/1/1
 - b. LAMEADD ENTER FTDAT=1/1/1 if no event wanted.