

STANDARD PROCEDURE:

Herdmaster program for Feedmaster Feedlot in Botswana  
and integration with Botswana LITS

4/11/2011

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Requirements:

Rudd Scale

Connector (Serial port to Laptop)

Skype

Teamviewer program for remote login

Choose the SAFEED BGF file when creating your database for a Feedlot

#### STANDARD PROCEDURE:

HerdMASTER program for Feedmaster Feedlot in Botswana and integration with Botswana  
LITS

This document has been written assuming that you are computer illiterate and has been written to literally hold your hand through every step of the process

## **1) SUMMARY OF ACTIONS TAKEN IN DOCUMENT**

- MYSCALE

- Import data from Myscale pro to the laptop
- Change the format of the Electronic ID and save as Excel spreadsheet to new folder/file
- Columns required are 1) Electronic Tag (National ID), 2) Animal number (Animal Tag), 3) weight, 4) pen number (location), 5) DVS permit no (group code 1)
  
- HerdMASTER UFIU
  - Import Excel file with Utilities/Import/Universal File Import Utility (UFIU)
  - Add the following columns
    - **Weigh date**
    - **Movement date to pen**
    - **Worksheet name (Copy and paste from Excel sheet)**
    - **Observation code (IND)**
    -
  
- HerdMASTER Batch change
  - Select all animal, click on change and include
    - SEX,
    - DVS CODE (40 or 90 days)
    - DVS DATE
  
- HerdMASTER Treatments
  - Data entry/Action Template (choose template i.e. INDUCTION and date)
  - Select worksheet, move animals across
  - Click PROCESS
  - Reports/Q&A/Procedure Summary by date
  
- HerdMASTER Fate
  - Select worksheet of animals
  - Change and give appropriate fate code

## 2) Import data from Myscale pro to the laptop

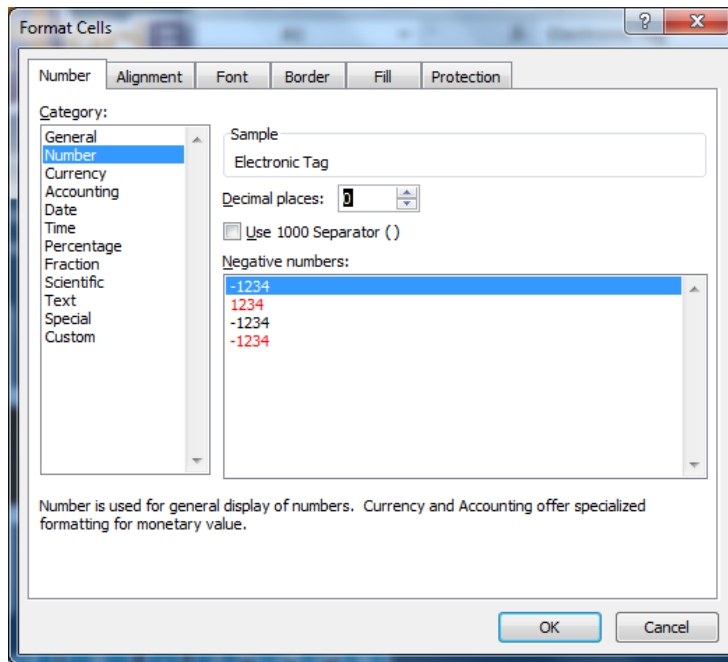
- a. Once sent to the desktop, the Data file is automatically stored in a folder on the desktop called "Scale"
- b. It needs to be moved to a new folder on the desktop to be called "Feedlot Files". In this folder create a new folder called 2011 and place your excel file in this folder. Open the folder: (The format should be as follows)

1	Electronic Tag	Animal Number	Weight	Condition	Animal No	Draft Flag
2	9E+14	ABC081				15
3	9E+14	ABC091				15
4	9E+14	ABC092				15
5						
6						
7						
8						
9						
10						
11						

This format needs to be changed

## 3) Change the excel format

- a. Save the file as an Excel file
- b. Right click on the 1<sup>st</sup> column titled A with the mouse
- c. Format Cells/Number (Important; make the decimal places 0).
- d. AS AGREED: THE COLUMNS WILL BE:  
Electronic Tag, Animal number, weight, pen number, DVS permit no, and Induction date  
Add the required information



e. Below the Excel spreadsheet with the visible electronic tags. Change the column heading as appropriate and sort columns as needed

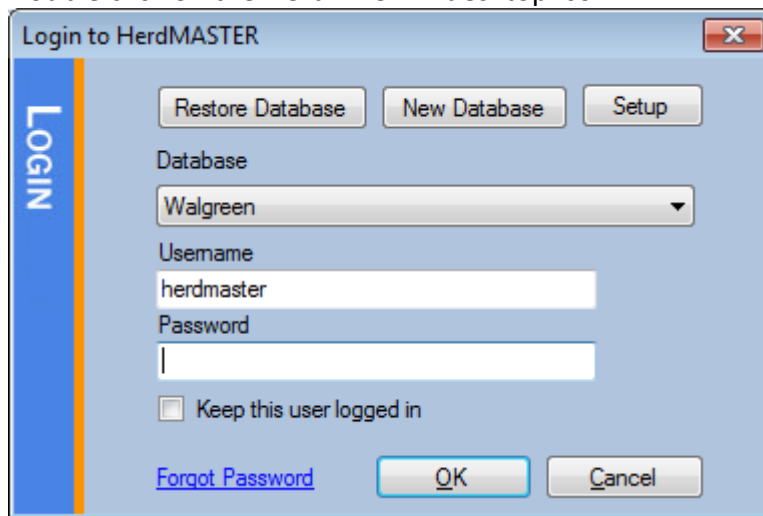
f.

	A1	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Electronic Tag	Animal Number	Weight	Pen number	DVS permit no	Induction Date										
2	95100000029611	10637	271	74	496/190	23/08/2011										
3	951000005598234	10638	420	74	496/190	23/08/2011										
4	951000001577631	10638	261	73	496/190	23/08/2011										
5	951000002030164	10639	165.5	74	496/190	23/08/2011										
6	951000002080045	10640	209	74	496/190	23/08/2011										
7	951000004022454	10641	256	74	496/190	23/08/2011										
8	951000004256095	10642	133	74	496/190	23/08/2011										
9	951000004309442	10643	228	74	496/190	23/08/2011										
10	951000004435539	10644	252	74	496/190	23/08/2011										
11	951000004630513	10645	245	74	496/190	23/08/2011										
12	951000004641874	10646	205	74	496/190	23/08/2011										
13	951000004641874	10647	219	74	496/190	23/08/2011										
14	951000005509789	10648	262	74	496/190	23/08/2011										
15	951000005520625	10649	290	74	496/190	23/08/2011										
16	951000005781406	10650	458	74	496/190	23/08/2011										
17	951000006064947	10650	141.5	74	496/190	23/08/2011										
18	951000007220792	10651	235	74	496/190	23/08/2011										
19	951000007254841	10652	139	74	496/190	23/08/2011										
20	951000007443425	10653	131	74	496/190	23/08/2011										
21	951000007461202	10654	219	74	496/190	23/08/2011										
22	951000007800940	10662	852	74	496/190	23/08/2011										
23	951000007981655	10655	265	74	496/190	23/08/2011										
24	951000008146063	10656	307	74	496/190	23/08/2011										

This file now needs to be imported into HerdMASTER for further processing

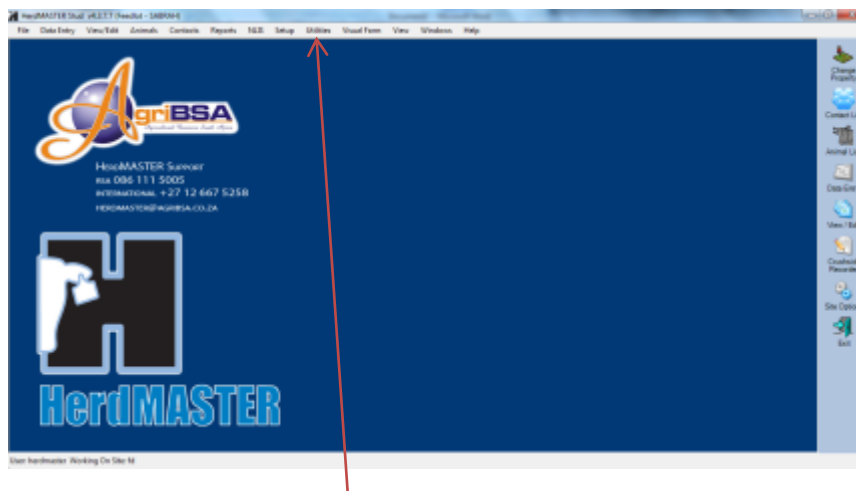
#### 4) Open HerdMASTER

- a. Double click on the HerdMASTER desktop icon



The screenshot shows a 'Login to HerdMASTER' dialog box. On the left, there is a vertical blue bar with the word 'LOGIN' in white. The main area contains three buttons at the top: 'Restore Database', 'New Database', and 'Setup'. Below these is a 'Database' dropdown menu with 'Walgreen' selected. Underneath are text input fields for 'Username' (containing 'herdmaster') and 'Password' (empty). A checkbox labeled 'Keep this user logged in' is unchecked. At the bottom, there is a blue link for 'Forgot Password', and 'OK' and 'Cancel' buttons.

- b. Ensure that the Database selected is the name of the feedlot (Tlokweng or Walgreen)
- c. Username and password are both called "herdmaster" with lower caps



## 5) Open and import animals into the program with corresponding information using UFIU

Utilities/ Import/Universal File Import Utility

The import Utility allows any Excel file with various formats to be imported. This one has specifically been setup for Feedmaster but can be easily changed. Details of changing the UFIU are given in APPENDIX 1.

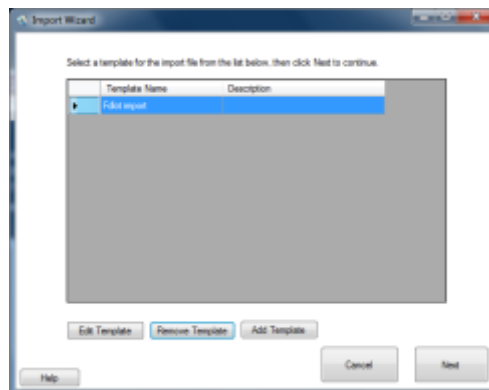
Feedmaster will specifically use the UFIU to import the following information (automated). AS AGREED THE EXCEL FILE WILL CONTAIN

- **Col0 = (Electronic tag) = National ID**
- **Col1 = (Animal no) = Animal Tag**
- **Col2 = (Weight) = weight**
- **Col3 = (pen no) = Moved to location**
- **Col 4 = (Permit no) = group code 1**
- **Col 5 = (Induct date) = Rego date**

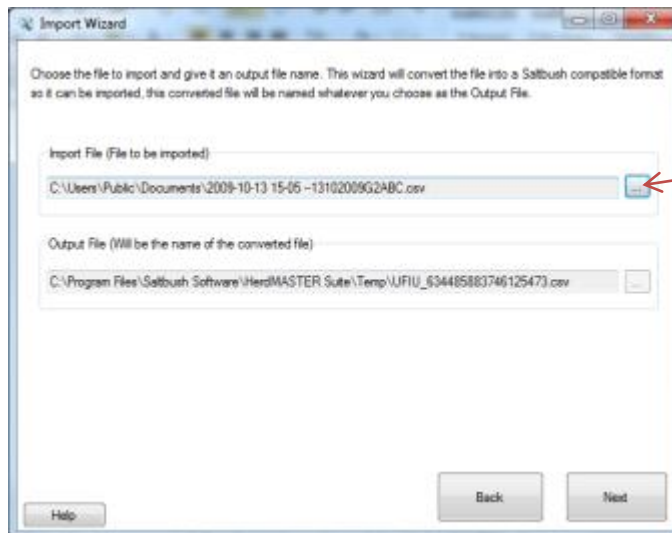
In the UFIU (at induction) you need to give a

- **Weigh date**
- **Movement date to pen**
- **Worksheet name**
- **Observation code**

Click on the template to activate it.



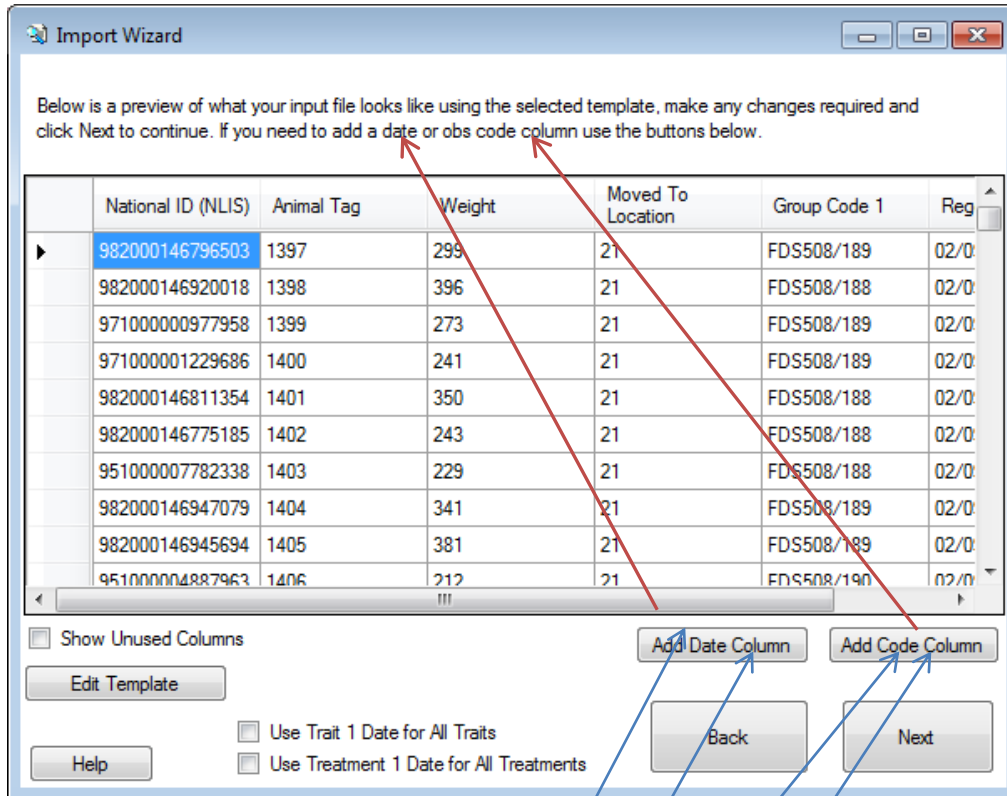
- a. Then Click on next



Click here to find the appropriate Excel file to be imported into HerdMASTER

Find the appropriate Excel file that you edited previously (changing the electronic ID). It should be in folder /Mydocuments/Feedlot Files/2011 . The name of the file is usually the date on which the animals were weighed.

The Import Utility (the most important part of the exercise and this is basically the only application that needs to be done when loading data). This needs to be done when adding animals for the first time or adding weights to existing animals.

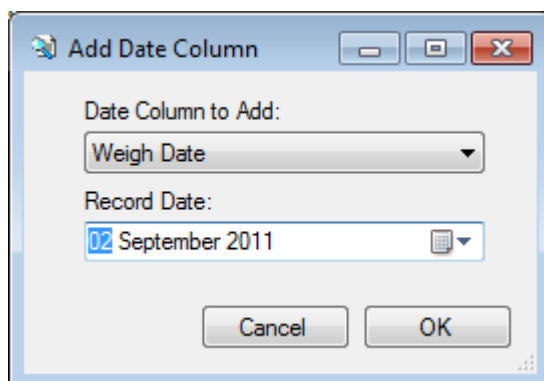


Automatically found in the file will be the Electronic ID, the Animal tag, the weight, location, Permit no and Induction (registration) date.

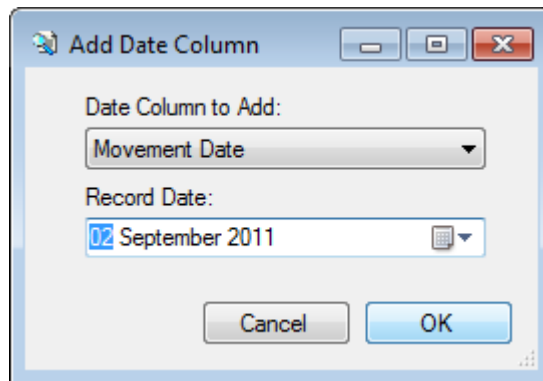
YOU NOW NEED TO ADD FOUR COLUMNS INTO THE SPREADSHEET USING HERDMASTER

- **Weigh date**
- **Movement date to pen**
- **Worksheet name**
- **Observation (IND) code**

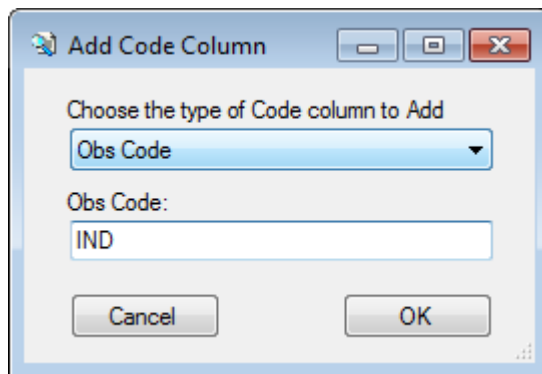
a) Add weigh date Column: simply the weight date and give the correct date.



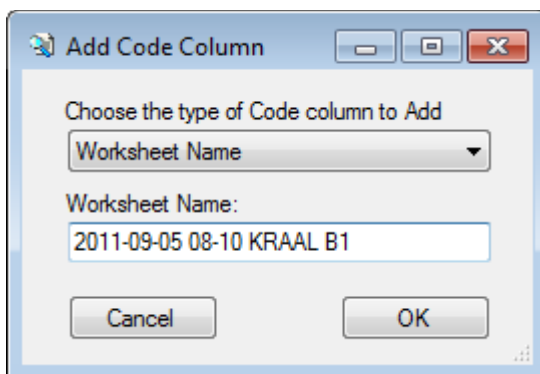
b) Add movement date to pen



c) Add Observation code Column: ADD an Observation Code "Obs Code" and simply call it IND for Induction.



d) Create a Worksheet. All animals in this "group" will now be allocated to a Worksheet. This makes it easy to print reports for this group of animals



NOTE, EASIEST IS TO COPY AND PASTE SAME NAME FROM EXCEL FILE

YOUR IMPORT FILE SHOULD LOOK SOMETHING LIKE THIS

Below is a preview of what your input file looks like using the selected template, make any changes required and click Next to continue. If you need to add a date or obs code column use the buttons below.

	Rego Date	Weigh Date	Movement Date	Obs Code	Worksheet Name
	02/09/2011	02/09/2011	02/09/2011	IND	2011-09-05 08-1...
	02/09/2011	02/09/2011	02/09/2011	IND	2011-09-05 08-1...
	02/09/2011	02/09/2011	02/09/2011	IND	2011-09-05 08-1...
	02/09/2011	02/09/2011	02/09/2011	IND	2011-09-05 08-1...
▶	02/09/2011	02/09/2011	02/09/2011	IND	2011-09-05 08-1...
	02/09/2011	02/09/2011	02/09/2011	IND	2011-09-05 08-1...
	02/09/2011	02/09/2011	02/09/2011	IND	2011-09-05 08-1...
	02/09/2011	02/09/2011	02/09/2011	IND	2011-09-05 08-1...
	02/09/2011	02/09/2011	02/09/2011	IND	2011-09-05 08-1...
	02/09/2011	02/09/2011	02/09/2011	IND	2011-09-05 08-1...

Show Unused Columns

Use Trait 1 Date for All Traits

Use Treatment 1 Date for All Treatments

Buttons: Edit Template, Add Date Column, Add Code Column, Help, Back, Next

Go to the next step

- e) You need to let the program know if you are importing animals for the first time i.e. NEW Animals. Otherwise leave this blank (for e.g. when adding weights at a later stage).

Below is a list of the information the Import File Utility has found.

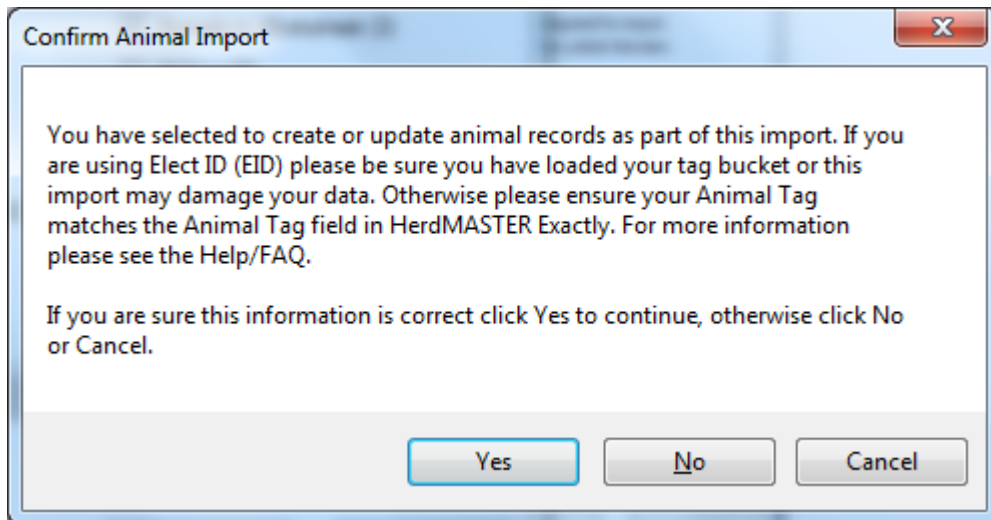
Ensure the information you wish to import is there and untick any information not required for import. I.E. If Animals is ticked and the animals in the file already exist in your program, then untick this item.

<input checked="" type="checkbox"/> New/Updated Animals (158)	<input checked="" type="checkbox"/> Movements (158)	<input checked="" type="checkbox"/> Animals to Worksheet (158)
<input type="checkbox"/> Animal Notes (0)	<input type="checkbox"/> Procedures (0)	<input type="checkbox"/> Matings(0)
<input type="checkbox"/> New/Updated Contacts (0)	<input type="checkbox"/> Traits (0)	<input type="checkbox"/> Preg Tests(0)
<input type="checkbox"/> Contact Notes (0)	<input checked="" type="checkbox"/> Weights (158)	
<input type="checkbox"/> Animal Sales(0)	<input type="checkbox"/> Animal Purchases(0)	

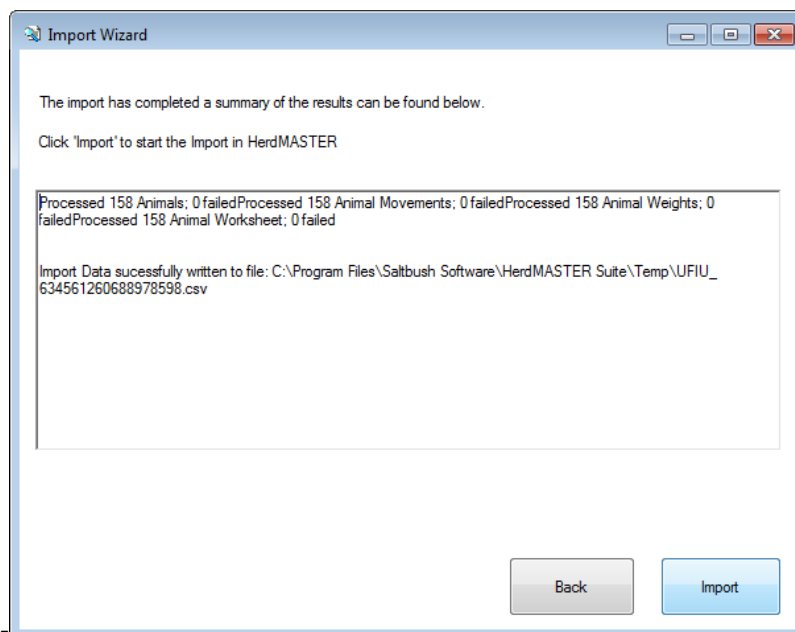
Current Activity:

Help Back Next

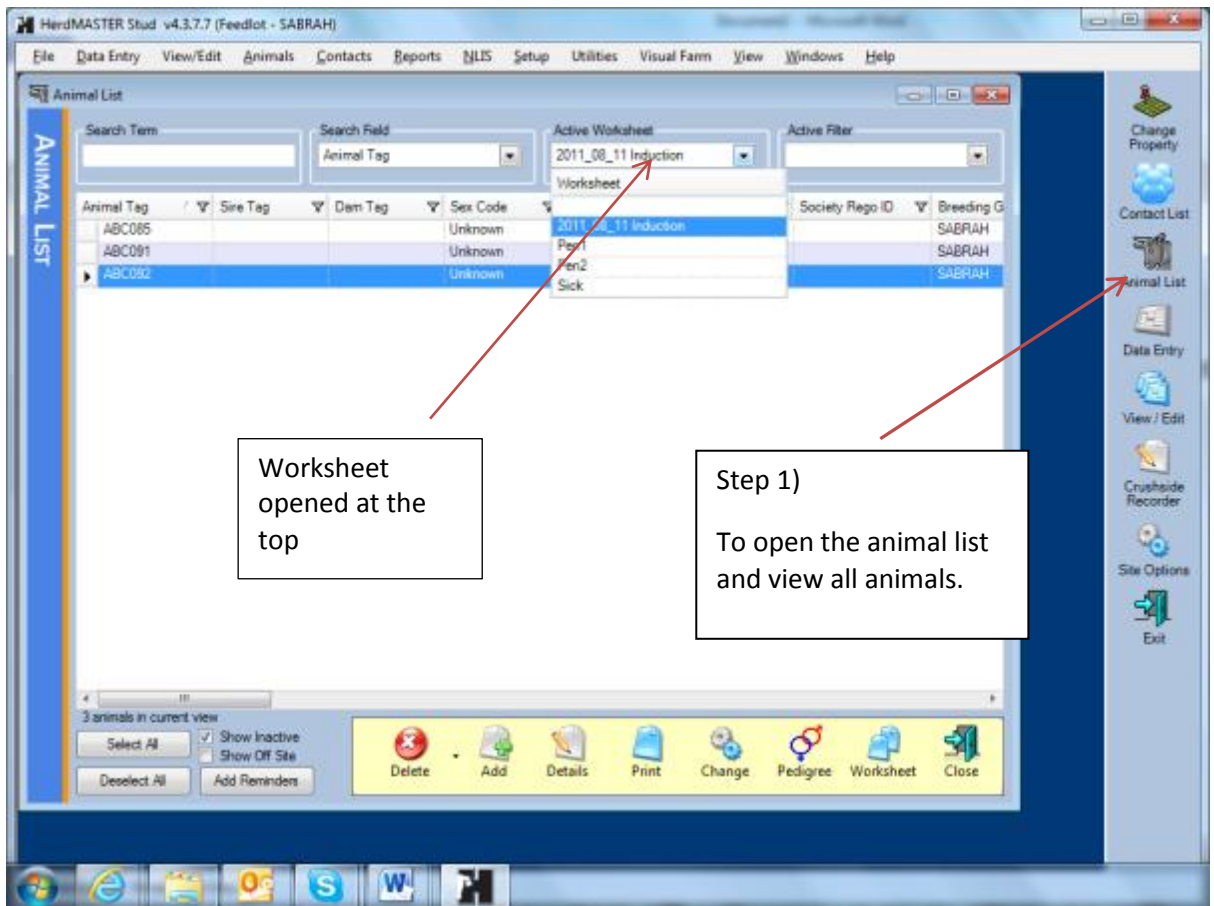
- f) Simply click on YES below



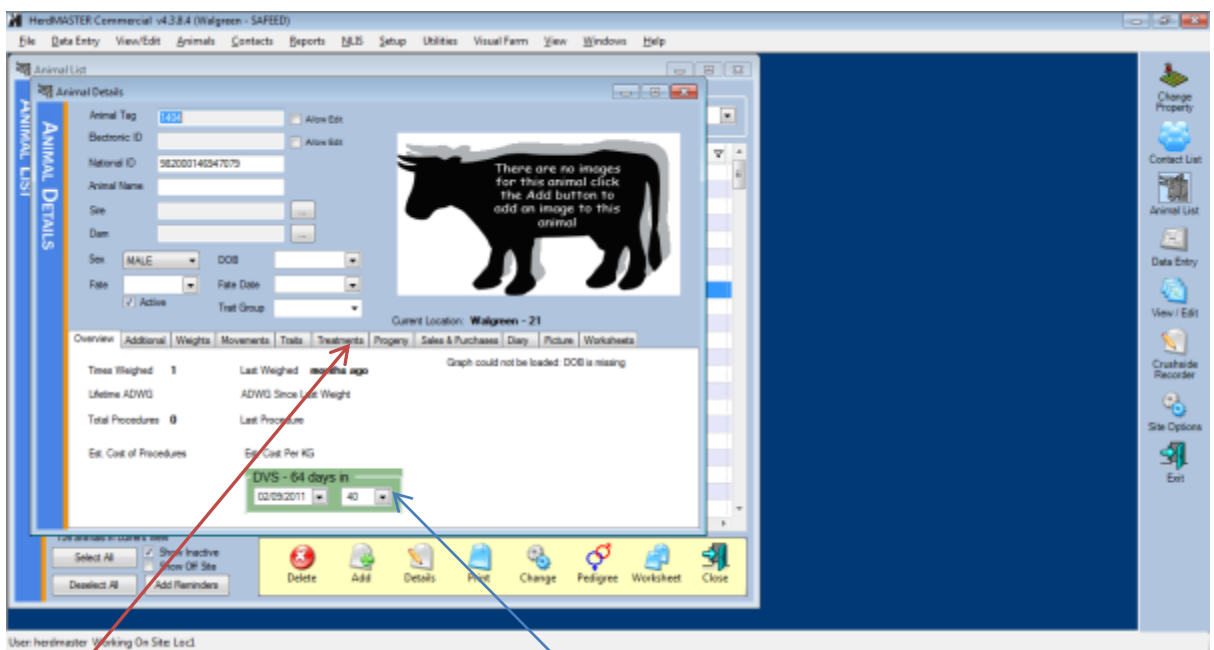
- g) Data is now ready for importation. The program now automatically creates Worksheet, gives all animal the required weigh dates etc

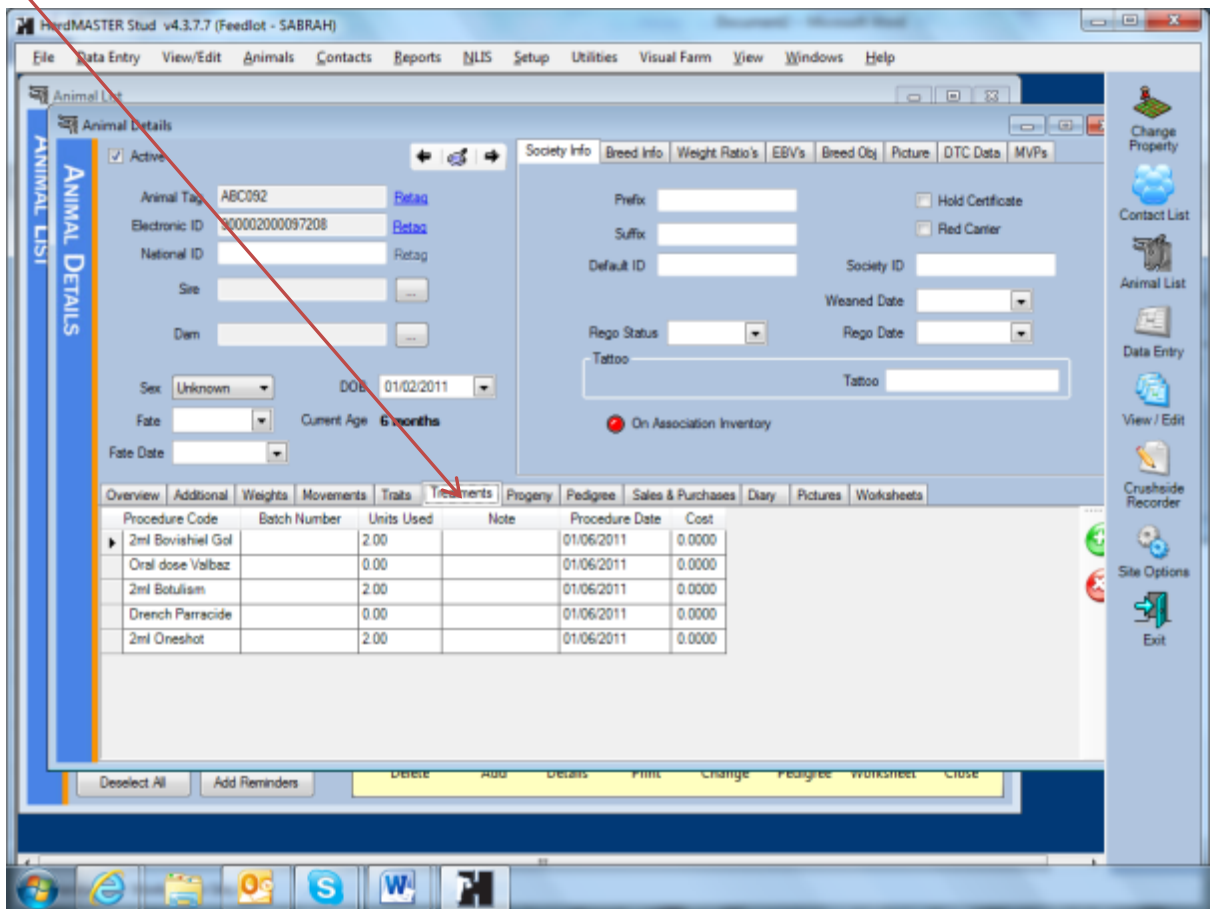


- h) Now open the animal list to view all animals



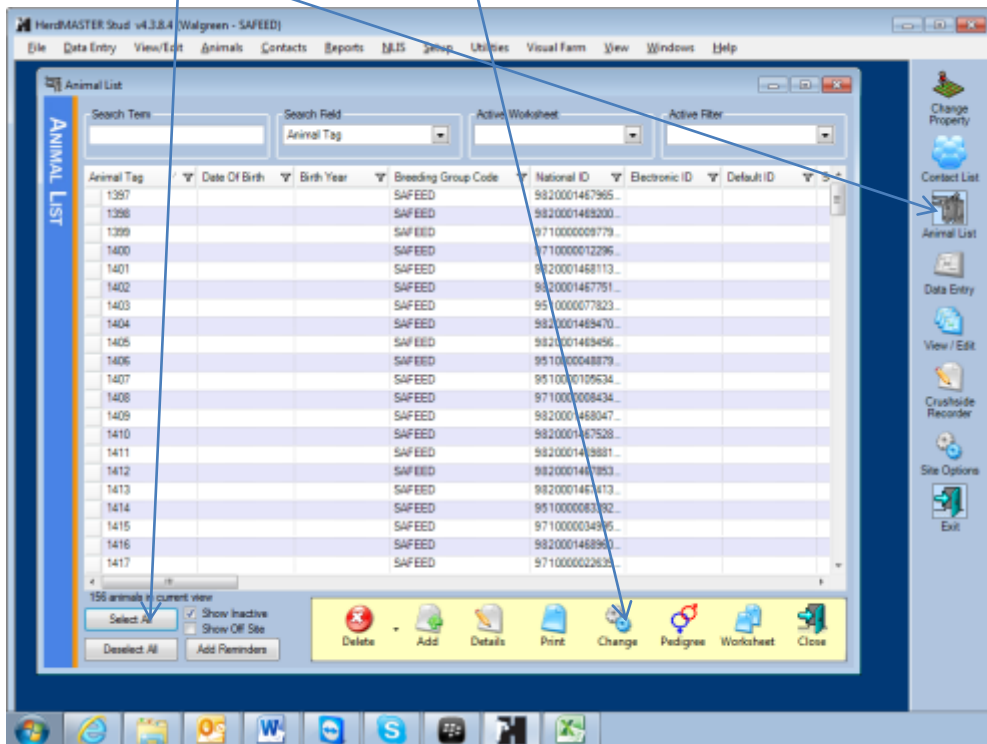
i) Double click on an animal to view particular details.

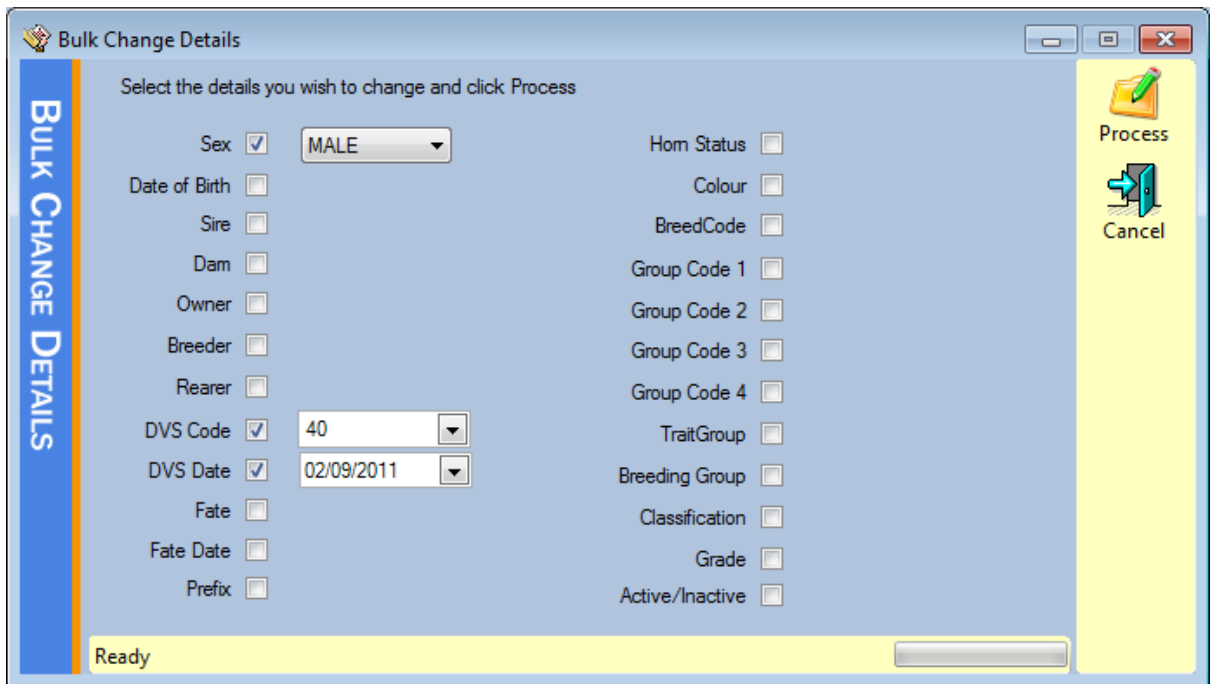




## 6) Add DVS INDUCTION PERIOD to a batch of animals

On Animal list, click select all, then choose change



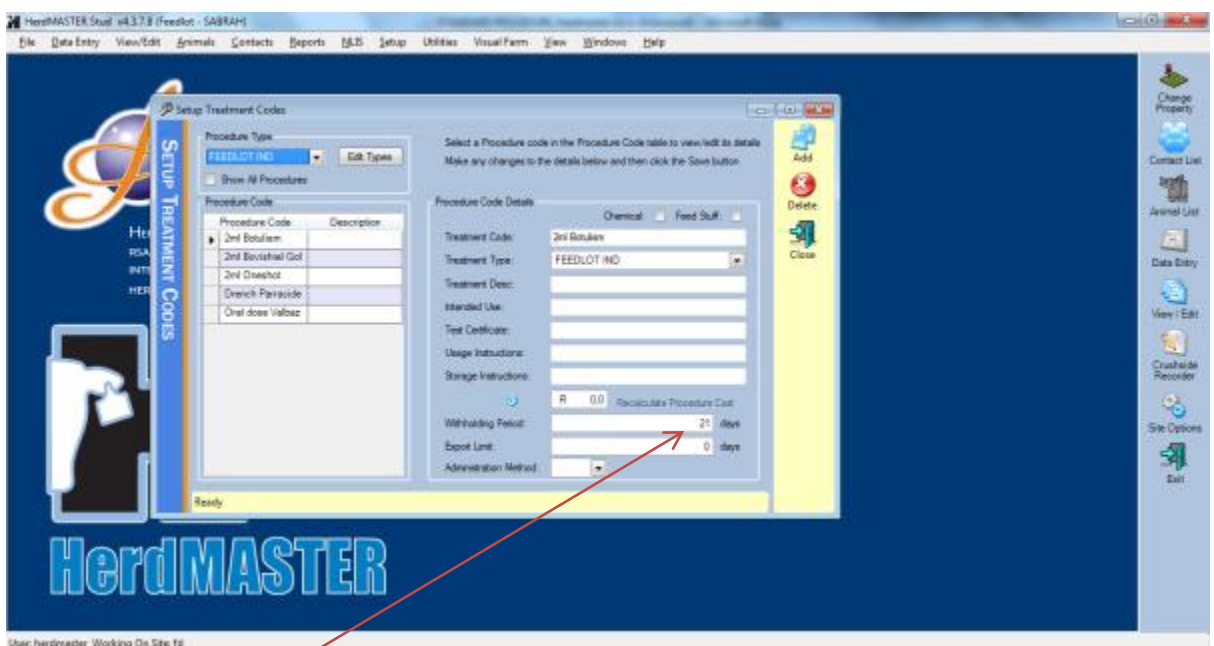


## 7) Add treatments to a batch of animals

Setting up treatments is fully described in the HerdMASTER Help manual: However, we have already setup “default” treatments Called Feedlot Induction; Feedlot Sick Animal and Feedlot Normal Treatment in this database. The way it was done is given in Appendix B

Setup /Treatments/Treatments types (Treatment types i.e. induction, sick)

Setup /Treatments/Treatments codes (What treatment for eg botulism, Valbazen)



Setup /Treatments/Treatments batches (how much and associated costs) Not recorded for this exercise

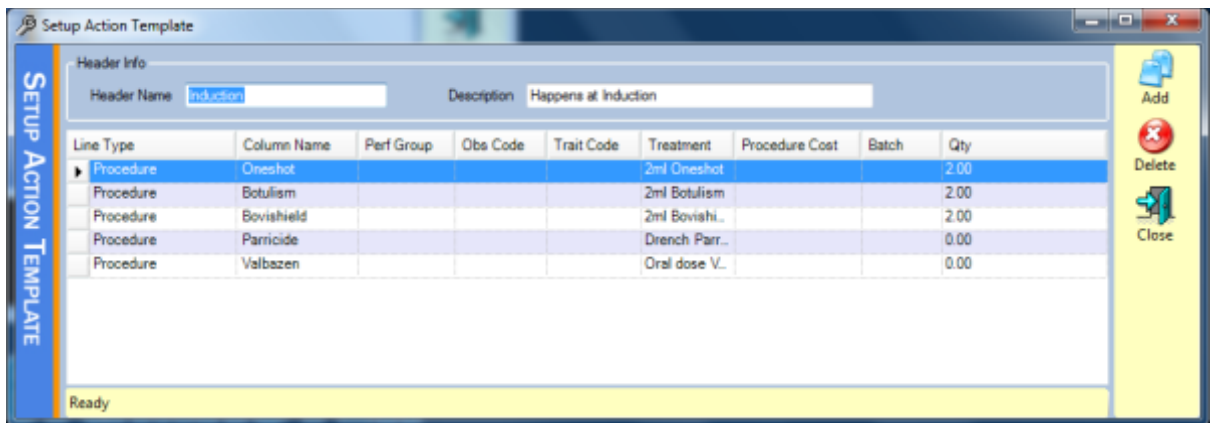
Enter the required withholding period (21 days)

Enter the required information with an action template (has been setup for feedmaster)

Action template: An Action Template is setup to add all the required information at one "event", for example at Induction.

This has already been setup using

Setup/Action templates (use details option to view options)



Here you add the procedure, give the column a name, treatment type and quantity.

## Entering the required information

Data entry/action template

Choose the appropriate group of animals (worksheet)

Choose the template "Induction" or Sick animals, or normal treatments

The screenshot shows the 'Data Entry - Action Template' window in HerdMASTER. The 'Action Template' dropdown is set to 'INDUCTION'. The 'Recording Date' is 02/08/2011. The table below shows 15 animal records with their respective treatments and doses. The 'Animal Tag' list on the left includes tags 1397 through 1412. The 'Process' button in the bottom toolbar is highlighted.

Animal Tag	2nd Oreshot	Dose	2nd Botulism	Dose	2nd Bovishield	Dose	Particide mix
1397	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>
1398	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>
1399	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>
1400	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>
1401	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>
1402	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>
1403	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>
1404	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>
1405	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>
1406	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>
1407	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>
1408	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>
1409	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>
1410	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>
1411	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>
1412	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>	2.00	<input checked="" type="checkbox"/>

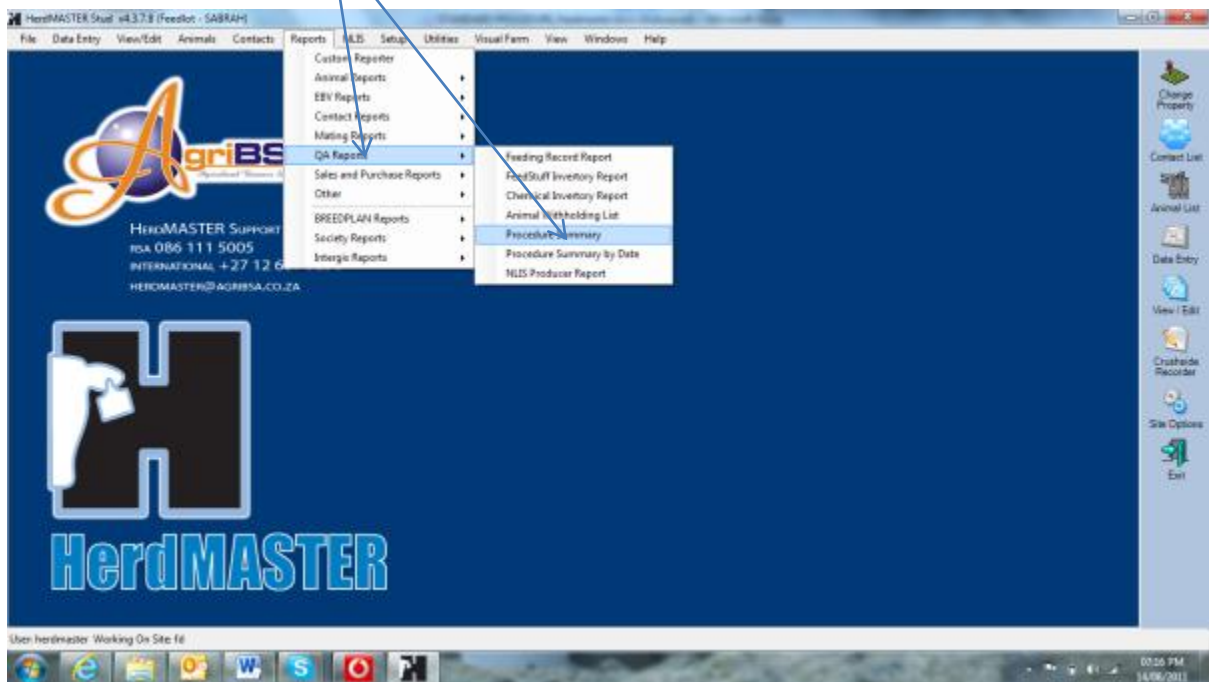
Select all animals in the group (worksheet)

Process the results

## 8) Produce the required report

### Reports/QA Reports

Animal withholding lists or  
Procedure Summary



Example of a report (including withholding periods)

HerdMASTER Staal v4.3.7.8 (Feedlot - SABRAH) - (Procedure Report)

File Data Entry View/Edit Animals Contacts Reports BLS Setup Utilities Visual Farm View Windows Help

Print Save 1 of 30 Close

### Animal Procedures

Animal Tag	Birthdate	Sex	Site Tag	Den Tag	Location	Procedure Date	Procedure	Cost	Batch Code
18745	01/01/2011	Unknown		50		24/08/2011	2ml Bevisphal Gold	R 0.00	
18745	01/01/2011	Unknown		50		24/08/2011	Drench Paracide	R 0.00	
18745	01/01/2011	Unknown		50		24/08/2011	2ml Oreshot	R 0.00	
18745	01/01/2011	Unknown		50		24/08/2011	Oral dose Valbazem	R 0.00	
18745	01/01/2011	Unknown		50		24/08/2011	2ml Botulism	R 0.00	
<b>Withholding until 14/09/2011</b>									
Total Procedures: 5								Total Cost for 18745: R 0.00	
18746	01/01/2011	Unknown		50		24/08/2011	Oral dose Valbazem	R 0.00	
18746	01/01/2011	Unknown		50		24/08/2011	Drench Paracide	R 0.00	
18746	01/01/2011	Unknown		50		24/08/2011	2ml Oreshot	R 0.00	
18746	01/01/2011	Unknown		50		24/08/2011	2ml Bevisphal Gold	R 0.00	
18746	01/01/2011	Unknown		50		24/08/2011	2ml Botulism	R 0.00	
<b>Withholding until 14/09/2011</b>									
Total Procedures: 5								Total Cost for 18746: R 0.00	
18748	01/01/2011	Unknown		50		24/08/2011	Drench Paracide	R 0.00	
18748	01/01/2011	Unknown		50		24/08/2011	Oral dose Valbazem	R 0.00	
18748	01/01/2011	Unknown		50		24/08/2011	2ml Bevisphal Gold	R 0.00	
18748	01/01/2011	Unknown		50		24/08/2011	2ml Oreshot	R 0.00	
18748	01/01/2011	Unknown		50		24/08/2011	2ml Botulism	R 0.00	
<b>Withholding until 14/09/2011</b>									
Total Procedures: 5								Total Cost for 18748: R 0.00	

Page 1 of 10  
User: herdmaster Working On Site: fd

USEFUL REPORT IS REPORTS/ANIMAL REPORT/ACTIVITY REPORTS/ADWG Summary

HerdMASTER Commercial v4.3.8.4 (Walgren - SAFED)

File Data Entry View/Edit Animals Contacts Reports BLS Setup Utilities Visual Farm View Windows Help

Print Save 3 of 4 Close

### Animal ADWG Summary Report

1541	0 days	1	234	0.00
1542	0 days	1	249	0.00
1543	0 days	1	322	0.00
1544	0 days	1	266	0.00
1545	0 days	1	255	0.00
1546	0 days	1	340	0.00
1547	0 days	1	400	0.00
1548	0 days	1	302	0.00
1549	0 days	1	248	0.00
1550	0 days	1	242	0.00

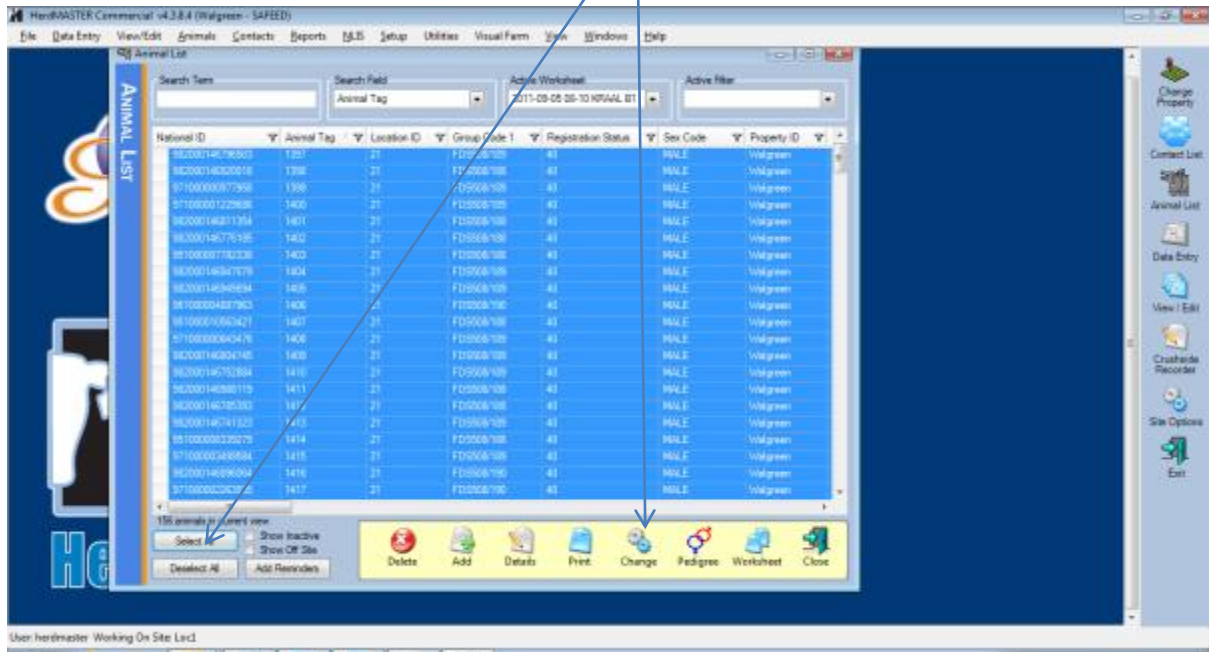
06/11/2011

Animal Tag	Total Days	No. Weights	Lifetime WG	Lifetime ADWG
1551	0 days	1	332	0.00
1552	0 days	1	227	0.00
1553	0 days	1	313	0.00
1555	0 days	1	261	0.00
156 Animals		Average	280.94	0.00

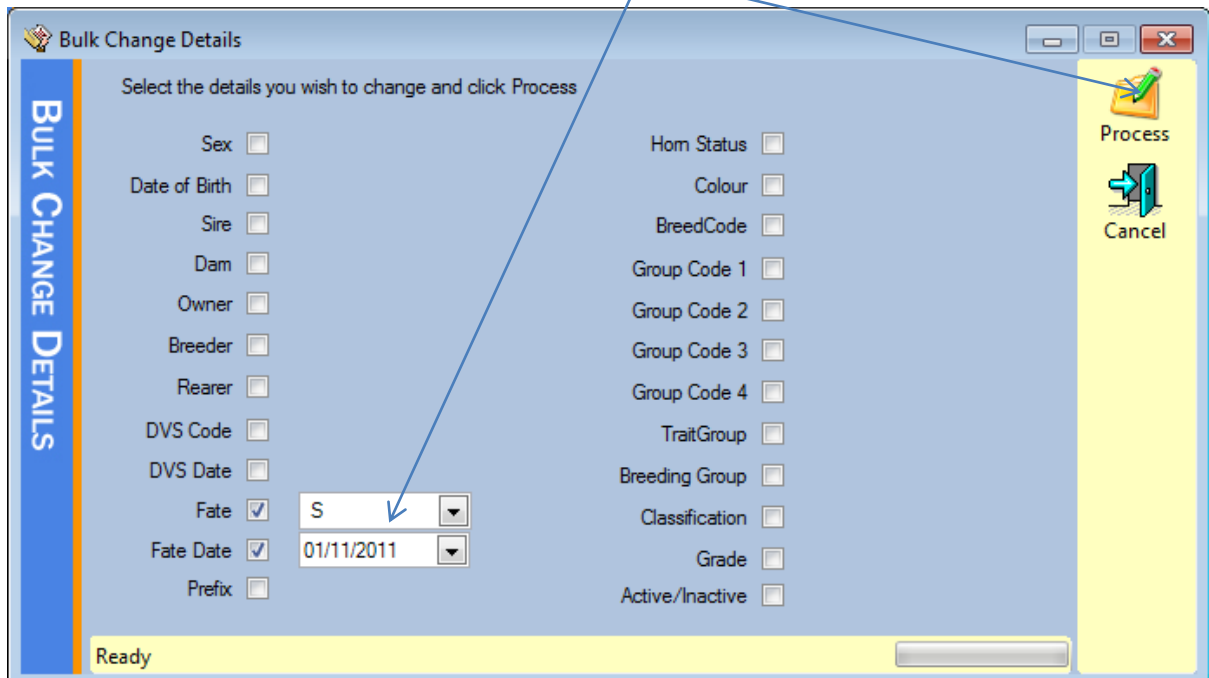
Page 3 of 4  
User: herdmaster Working On Site: Loc1

## 9) Fate (remove) the required animals

Select all animals in the animal list using a worksheet and then click on change

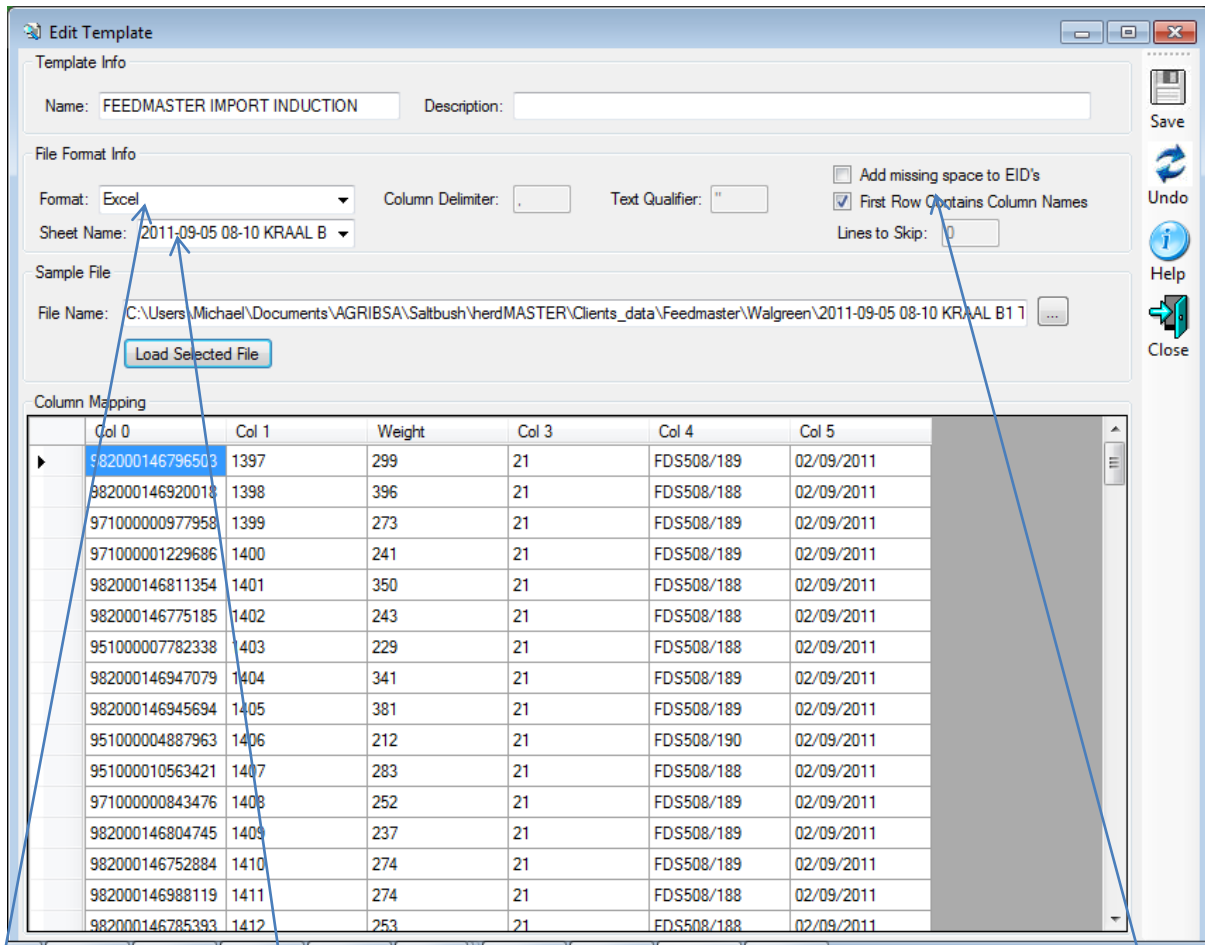


Choose S for slaughtered, then Process



# Appendix A

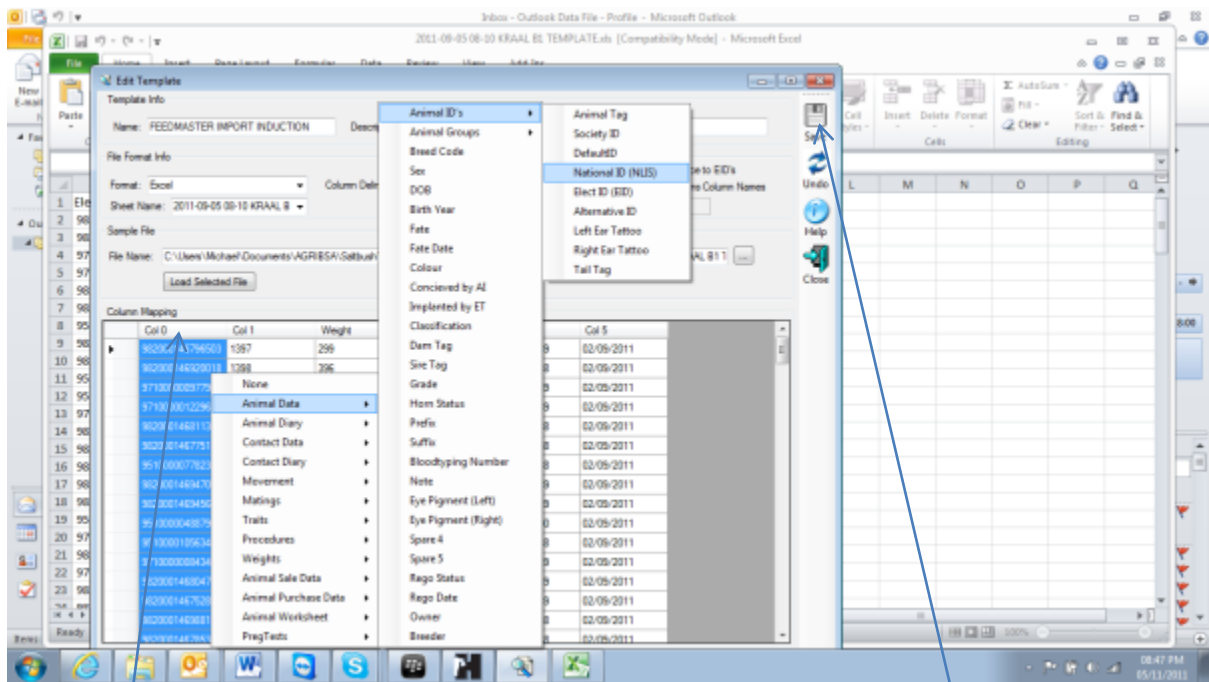
## Universal File Import Utility Setup for Feedmaster



Format is Excel

Sheet name MUST BE same as that inside the Excel spreadsheet. Easiest to copy and paste is to use rename and do a Control C, Control V

Column Names



Simply click on the column to map your column in the spreadsheet to the appropriate location within HerdMASTER

Col0 = (Electronic tag) Animal data/ Animal ID/ National ID

Col1 = (Animal no) Animal data/ Animal ID/Animal Tag

Col2 = (Weight) weights/weight

Col3 = (pen no) Movement/Moved to location

Col 4 = (Permit no) Animal data/Animal group/ group code 1

Remember to SAVE

**Edit Template**

Template Info  
 Name: FEEDMASTER IMPORT INDUCTION    Description:

File Format Info  
 Format: Excel    Column Delimiter: .    Text Qualifier: "     Add missing space to EID's  
 Sheet Name: 2011-09-05 08-10 KRAAL B     First Row Contains Column Names  
 Lines to Skip: 0

Sample File  
 File Name: C:\Users\Michael\Documents\AGRIBSA\Saltbush\herdMASTER\Clients\_data\Feedmaster\Walgreen\2011-09-05 08-10 KRAAL B 1

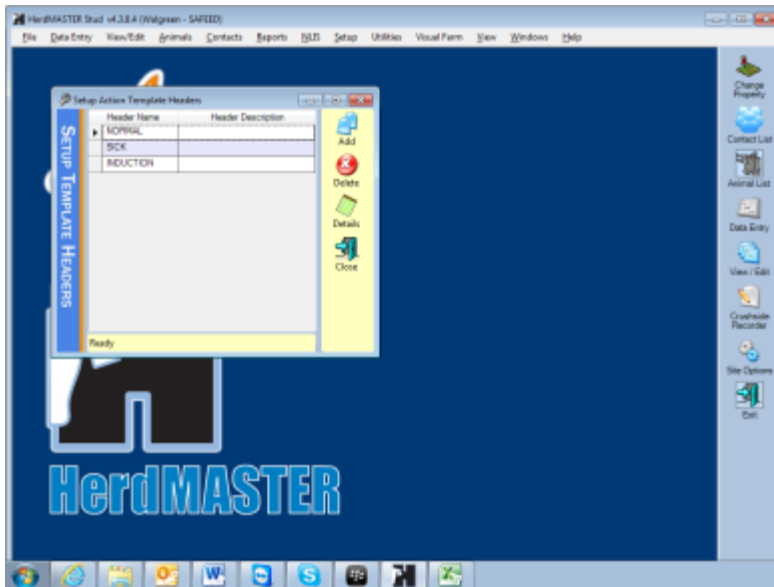
Column Mapping

	National ID (NLIS)	Animal Tag	Weight	Moved To Location	Group Code 1	Rego Date
▶	982000146796503	1397	299	21	FDS508/189	02/09/2011
	982000146920018	1398	396	21	FDS508/188	02/09/2011
	97100000977958	1399	273	21	FDS508/189	02/09/2011
	971000001229686	1400	241	21	FDS508/189	02/09/2011
	982000146811354	1401	350	21	FDS508/188	02/09/2011
	982000146775185	1402	243	21	FDS508/188	02/09/2011
	951000007782338	1403	229	21	FDS508/188	02/09/2011
	982000146947079	1404	341	21	FDS508/189	02/09/2011
	982000146945694	1405	381	21	FDS508/189	02/09/2011
	951000004887963	1406	212	21	FDS508/190	02/09/2011
	951000010563421	1407	283	21	FDS508/188	02/09/2011
	971000000843476	1408	252	21	FDS508/189	02/09/2011
	982000146804745	1409	237	21	FDS508/189	02/09/2011
	982000146752884	1410	274	21	FDS508/189	02/09/2011
	982000146988119	1411	274	21	FDS508/188	02/09/2011

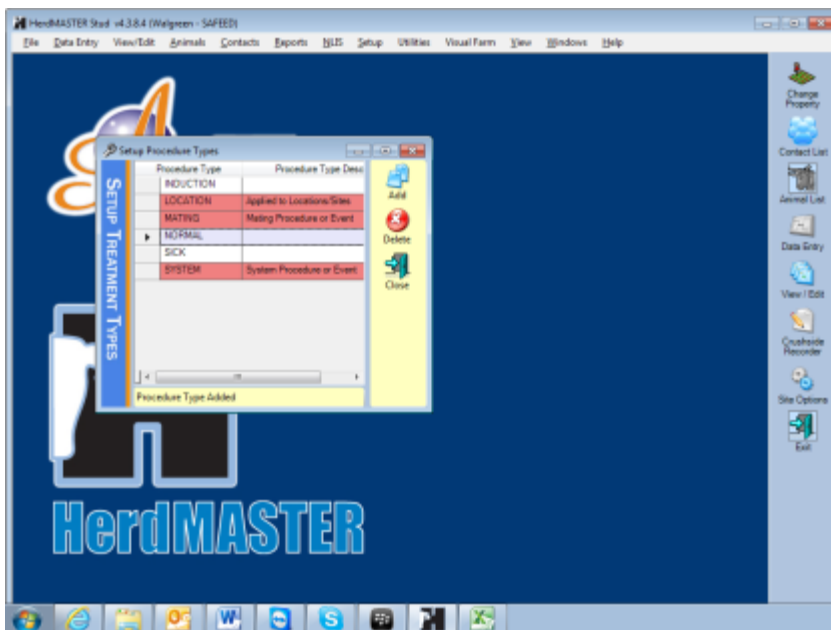
Save  
Undo  
Help  
Close

## APPENDIX B Setting up the Treatments

Setup/Action templates (simply add a template)



Now add procedure types (setup/treatment/treatment types)



## Setup/treatment codes

HerdMASTER Commercial v4.3.8.4 (Walgreen - SAFED)

File Data Entry View/Edit Animals Contacts Reports BLS Setup Utilities Visual Farm View Windows Help

Setup Treatment Codes

Procedure Type: INDUCTION [Edit Types]

Show All Procedures

Procedure Code	Description
2ml of Botulism	2ml of Botulism
2ml of Bovishield	2ml of Bovishield
2ml of Oneshot Ultra	2ml of Oneshot Ultra
particide	particide
Valbazone	Oral Dose

Procedure Code Details

Treatment Code: 2ml of Oneshot Ultra

Treatment Type: INDUCTION

Treatment Desc: 2ml of Oneshot Ultra

Intended Use:

Test Certificate:

Usage Instructions:

Storage Instructions:

Withholding Period: 21 days

Expiry Limit: 0 days

Administration Method:

Ready

Change Property  
Contact List  
Animal List  
Data Entry  
View / Edit  
Crushide Recorder  
Site Options  
Exit

User: herdmaster Working On Site: Lecl

## Setup/ action Template

HerdMASTER Commercial v4.3.8.4 (Walgreen - SAFED)

File Data Entry View/Edit Animals Contacts Reports BLS Setup Utilities Visual Farm View Windows Help

Setup Action Template Headers

Header Name	Header Description
NORMAL	
SICK	
INDUCTION	

Ready

Change Property  
Contact List  
Animal List  
Data Entry  
View / Edit  
Crushide Recorder  
Site Options  
Exit

User: herdmaster Working On Site: Lecl

Add appropriate Name for column, and choose appropriate treatment

The screenshot shows a software window titled "Setup Action Template". At the top, there is a "Header Info" section with a "Header Name" field containing the text "INDUCTION" and an empty "Description" field. Below this is a table with the following columns: Line Type, Column Name, Perf Group, Obs Code, Trait Code, Treatment, Procedure Cost, Batch, and Qty. The table contains five rows of data, all with "Procedure" as the Line Type. The first row is highlighted in blue. To the right of the table is a vertical toolbar with three icons: "Add" (a blue plus sign), "Delete" (a red circle with a white X), and "Close" (a green arrow pointing to the right). At the bottom left of the window, the status bar displays the word "Ready".

Line Type	Column Name	Perf Group	Obs Code	Trait Code	Treatment	Procedure Cost	Batch	Qty
Procedure	2ml Oneshot				2ml of Ones...			2.00
Procedure	2ml Botulism				2ml of Botuli...			2.00
Procedure	2ml Bovishield				2ml of Bovia...			2.00
Procedure	Parricide mix				parricide			0.00
Procedure	Valbazen				Valbazen			0.00