

Extracting Meaningful Data out of Farm Matters Cattle - Advanced



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We have already looked at the information that can be extracted from Farm Matters using Statutory data.

Additional information can be added for example adding in information from the regular use of weigh scales, inputting of service, scanning records, feed and medicines.

The program allows very comprehensive information to be kept. As with all packages, the more accurate the information that is put in, the more meaningful is the information that can be extracted.

This short publication shows the location of reports that can provide some meaningful information to make your business more efficient.

What extra information can we get out of the enhanced Records?

Calving

Right mouse click the animal—Events—Calving

So what else can be easily added when entering a calf.

In addition to the Statutory information. There are several fields that can be used to collect valuable information.

Sire can be entered

A birth weight can be put in even a guesstimate but the more accurate the better.

Ease of calving can be recorded and whether the cow died.

Calf vigour, size and cow temperament can be tracked so that comparisons between cows can be made and also problems tracked.

The screenshot shows a 'Calving details' form with the following fields and values:

- Birth Weight: 45.00 kg
- Calving Ease: L3 - Assistance with Calving Ai
- Caesarean:
- Malpresentation:
- Cow Died:

Below these are three sliders for tracking:

- Calf vigour:** A slider from N/A to Bouncing, with a marker at Lazy.
- Calf size:** A slider from N/A to Extra Large, with a marker at Small.
- Cow temperament:** A slider from N/A to Aggressive, with a marker at Docile.

At the bottom is a 'Castration' section with a 'Castrated:

For more information on Records and Business Efficiency go to www.fas.scot



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Riaghaltas na h-Alba
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Calving Scores

Cattle—On Farm & Events—select animals—Reports—Calving Statistics

A graph is shown for calving ease.

Vigour can be found from the individual animal screens and added to grid

Malpresentation and caesareans and calving ease can be found by adding the fields to the grid.

CalvingEase	AnimalNotes	Caesarean	Malpresentation
L3		<input type="checkbox"/>	<input checked="" type="checkbox"/>
L3		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Calving details

Birth Weight: 45.00 kg

Calving Ease: L3 - Assistance with Calving Ai

Caesarean:

Malpresentation:

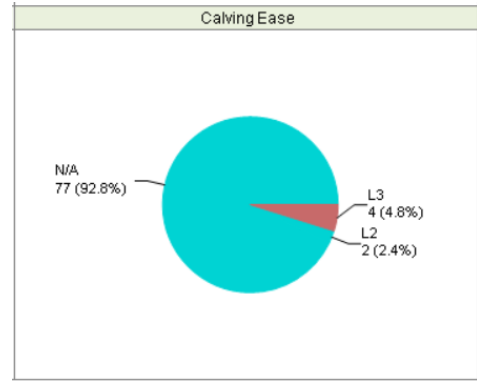
Cow Died:

Calf vigour

Calf size

Cow temperament

Castration



Service & Projected Calving

(PD) Information entered into Cattle—On Farm & Events right click animal Events—Service.

Enter the information, service type, date, bull

Enter Dam weight

UK100383400709 0.00

Service Type:

Service Date: 01/07/2017

Service Cost: 0.00 each

Bull

Bull Eartag: UK

Bull Reference:

A report can be run Cattle—Services—All services

The report can be easily sorted by any column in the grid (Dam or Sire) giving estimated calving date.

Date Of Servi	MTag	Eartag	Due Date	Due Days	BullEartag
01/07/2017		UK544904400842	07/04/2018	280	UK10142630062
01/07/2017		UK544904500843	07/04/2018	280	UK10142630062
01/07/2017		UK544904500850	07/04/2018	280	UK10142630062

Confirming in Calf

View—Cattle —All Services screen—Selected animals—Events—Pregnancy diagnosis.

Enter PD date, vet and cost if known

PD Date: 01/07/2017

Vet:

PD Cost: 0.00 total

On the next screen add in Cull (animal can be marked to cull at this stage), Twins can be recorded individually in noyes

Eartag	MTag	PD Date	? + -	Duration	Period	Due Date	Cull
UK544904400842		01/10/2017	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	100	Days	30/03/2018	<input type="checkbox"/>
UK544904500843		01/10/2017	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		Days	-	<input checked="" type="checkbox"/>
UK544904500850		01/10/2017	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	90	Days	09/04/2018	<input type="checkbox"/>

Scanning Results (PD)

View—Cattle —All Services

This report shows the due date from entering PD results. Animal notes can be added for twins.

Date Of Ser A	MTag	Eartag	Due Date	Due Days	BullEartag	AnimalNotes
15/01/2017	A3	UK582584500232	12/11/2017	134	UK54279430054	
15/01/2017		UK586597300101	-	-	UK54279430054	
15/01/2017		UK586597700133	02/11/2017	124	UK54279430054	
15/01/2017		UK706568100473	11/10/2017	102	UK54279430054	Twins due 2018

Barren Cows

View—Cattle —All Services

Any animals marked not on calf will have a blank due date.

Date Of Ser ▲	MTag	Eartag	Due Date	Due Days	BullEartag	AnimalNotes
15/01/2017	A3	UK582584500232	12/11/2017	134	UK54279430054	
15/01/2017		UK586597300101	-	-	UK54279430054	
15/01/2017		UK586597700133	02/11/2017	124	UK54279430054	
15/01/2017		UK706568100473	11/10/2017	102	UK54279430054	Twins due 2018

Target < 5%

Body Condition Score

Cattle—On Farm & Events—Select Animals—Reports—Body Condition—Body Condition Card

This shows an individual score card for the selected animals.

Eartag		MTag		Name	
UK580447500662					
Date	Score	Change	Notes		
01/07/2017	2.50				
01/07/2018	3.00	↑ +0.5			
Score Progression				Average Body Condition Score	
				2.8	
				Highest Body Condition Score	
				3.0	
				Lowest Body Condition Score	
				2.5	

Weaning

Cattle—On Farm & Events—Reports-Breeding—Weaning Report

Individual weaning date and weights can be entered through Cattle on Farm—selecting calves—events—weaning.

The report shows the weaning weight gain number of days to weaning and a summary at the end. Weight gains can be colour coded.

Dam UK541387500935									
www.farmmatters.co.uk									
Date of Birth		Breed		Calves		Average Days		Average Weight Gain	
18/07/2009		BBX		1		208		1.26	
DOB	MTag	Eartag	Breed	Sex	On Farm	Days	FirstWeight	Wean Weight	Weight Gain
24/08/2016		UK544904700838	LIM	F	No	208	42	305	1.26
Total Cows		Total Calves		Average Days		Average Gain			
136		84		204		1.48			

Dam/ Progeny Weights

Cattle—On Farm & Events—Reports-Breeding—Weaning—Percentage

A calving period can be specified and this report, provided a relevant Dam weight has been entered within a specified date range from weaning, works out the Progeny to Dam weight ratio at weaning.

Cow					Calf					
Eartag	MTag	Breed	Date	Weight	Eartag	MTag	Sex	Date	Weight	Weaning %
UK541387100553		BBX	20/03/2017	641.00	UK544904600823		M	20/03/2017	353.00	55.1%
UK541387500935		BBX	20/03/2017	598.00	UK544904700838		F	20/03/2017	305.00	51.0%
UK541387400717		BBX	20/03/2017	654.00	UK544904400849		F	20/03/2017	307.00	46.9%

This gives a measure of Dam efficiency – **the target is 50%**

Feeds

Feed can be entered, allocated and fed to the individual animals.

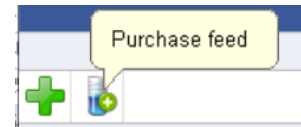
Select the animals to be fed, right mouse click and chose Feed from events

Enter the Dates fed

Enter the weight of the animals if required

Add the feed

Eartag	Weight
UK160153601692	2.00
UK160915400225	2.00
UK161142200257	2.00



Add feed details

Then feed out from the following screen

Use	Purchased	Batch No	Remaining
<input checked="" type="checkbox"/>	30/10/2017	CFG567	3.78tonne

Feeds Eaten

View—Cattle—All Feeds

This is a record of the amount and type of feed fed—adding DaysFed to the grid gives the number of days. The grid can be filtered, sorted or exported.

Start Date	End Date	MTag	Eartag	Feed Name	Daily Qty	Unit	DaysFed
01/11/2017	31/12/2017		UK160153601692	Cow Cobs	2.00	kg	61
01/01/2018	28/02/2018		UK160153601692	Cow Cobs	3.00	kg	59
01/10/2016	11/04/2017		UK544904100776	Calf concentrate	4.00	kg	193

Veterinary

Home—Inspection—Medicine Book

This reports can be run to see treatments given to the cattle over a specific time period.

Date of treatment	Date treatment finished	#	Identity of Animal or Group Treated	Medicine	Dose	Batch Number	Meat Withdrawal		Milk Withdrawal		Name of person who administered the treatment	Reason for treatment
							days	date	hours	date & time		
01/07/2016		1	UK544904500773	Fasinex 10% Oral Suspension for Cattle	48.00ml	mlkj987	56	26/08/2016			Mr Vet	Fluke
01/07/2016		1	UK544904700775	Fasinex 10% Oral Suspension for Cattle	48.00ml	mlkj987	56	26/08/2016			Mr Vet	Fluke
01/10/2017		1	UK160153601692	Fasinex 10% Oral Suspension for Cattle	78.00ml	hjh765fg	56	26/11/2017			Mr Vet	Fluke

Specific Treatments can be reported on— Cattle—All Cattle—Reports—Medical—Treatments between specific dates.

Eartag	MTag	Medicine Name	Date	Dose
UK102700100517		Downlands Calcium Borogluconate 40% w/v CM Solution for Injection	04/04/2018	500.00 ml
Spring Calving				
UK161142200257		Fasinex 10% Oral Suspension for Cattle	01/10/2017	78.00 ml
		Fasinex 10% Oral Suspension for Cattle	02/01/2018	78.00 ml

Medical—All Treatments Produces a grid that can be filtered by animal, medicine, treatment date.

Treatment Dat	End Date	Identification	Dose	Batch Number	Meat Withdrawal	TreatmentId	TreatmentReason	MedicineName
04/04/2018	-	UK10270010051	500.00	calcium	04/04/2018	368	Staggers	Downlands Calci
02/01/2018	-	UK16015360169	78.00	hjh765fg	27/02/2018	358	Fluke	Fasinex 10% Ora
02/01/2018	-	UK16091540022	78.00	hjh765fg	27/02/2018	359	Fluke	Fasinex 10% Ora
02/01/2018	-	UK161142200257	78.00	hjh765fg	27/02/2018	360	Fluke	Fasinex 10% Ora
02/01/2018	-	UK161142300265	78.00	hjh765fg	27/02/2018	361	Fluke	Fasinex 10% Ora
02/01/2018	-	UK161142100480	78.00	hjh765fg	27/02/2018	362	Fluke	Fasinex 10% Ora
02/01/2018	-	UK161142200481	78.00	hjh765fg	27/02/2018	363	Fluke	Fasinex 10% Ora

Cattle treatment reason and antibiotic use can be reported on—Cattle Reports—Medical

Medicine Withdrawal

Cattle—On Farm & Events—On Farm add InWithdrawal to grid

This report will show which animals are still in a withdrawal period.

MTag	Eartag	DOB	Age (Months)	Breed	Status	Genetic Dam	AnimalNotes	InWithdrawal
	UK102700100517	23/04/2009	104	LIM	Cow	UK D0454 02662		<input checked="" type="checkbox"/>
	UK102717100474	27/12/2009	96	LIMX	Cow	UK100877200309		<input type="checkbox"/>
	UK102717400477	29/12/2009	96	LIMX	Cow	UK104000200465		<input type="checkbox"/>
	UK103839500881	28/02/2010	94	LIMX	Cow	UK103839200290		<input type="checkbox"/>
	UK110608500272	06/03/2009	106	BBX	Cow	UK100789500052		<input type="checkbox"/>
	UK120642400963	25/04/2009	104	LIMX	Cow	UK Y0845 00717		<input type="checkbox"/>
A2	UK141305200301	12/11/2001	194	LIMX	Cow	UK N3695 00571		<input type="checkbox"/>
	UK160153601692	11/04/2007	129	LIMX	Cow	UK160153400577		<input checked="" type="checkbox"/>

Profit Analysis

Cattle—On Farm & Events—Off Farm—Reports—Profit Analysis

This is a useful report that comes in 3 options that can be selected. Below is option 1. Select the animals required.

Date		Animals				Total Profit				Average Profit			
29/12/2020		3				£3,910.58				£1,303.53			
MTag	Eartag	Breed	Sex	Arrival	Departure	Costs				Income		Profit	Profit/Day
						Feed	Medical	Haulage	Total	Sale	Total		
	UK544904500773	LIM	F	09/10/2015	12/04/2017	£154.40	£1.61	£10.00	£166.01	£1,440.00	£1,440.00	£1,273.99	£2.31
	UK544904700775	LIMX	F	02/11/2015	12/04/2017	£154.40	£1.61	£20.00	£176.01	£1,347.00	£1,347.00	£1,170.99	£2.22
	UK544904100776	CHX	F	04/11/2015	12/04/2017	£154.40	£0.00	£0.00	£154.40	£1,620.00	£1,620.00	£1,465.60	£2.79
						Costs				Income		Profit	Profit/Day
						Feed	Medical	Haulage	Total	Sale	Total		
Total						£463.20	£3.22	£30.00	£496.42	£4,407.00	£4,407.00	£3,910.58	£7.32
Average						£154.40	£1.07	£10.00	£165.47	£1,469.00	£1,469.00	£1,303.53	£2.44
Min						£154.40	£0.00	£0.00	£154.40	£1,347.00	£1,347.00	£1,170.99	£2.22
Max						£154.40	£1.61	£20.00	£176.01	£1,620.00	£1,620.00	£1,465.60	£2.79
Std Dev (σ)						NaN	£0.93	£10.00	£10.81	£138.79	£138.79	£149.51	£0.31

Stocktake Lite

Cattle—On Farm & Events—Reports—Other—Stocktake Calving.

This report gives a summary of Bulling to weaning performance for a specific period of time.

Stocktake <small>lite</small>	From Bulling to Weaning	www.farmmatters.co.uk <small>fm</small>
Number of cows put to the bull?		75
Number of heifers put to the bull?		0
Number of bulls used?		2
Number of cows/heifers scanned in calf?		0
Number of calves born alive?		70
Date of first calving (DD/MM/YY)?		22/04/16
Date of last calving (DD/MM/YY)?		27/10/16
Number of cows and heifers calved in the first 3 weeks?		21
Number of cows with calving interval equal to or less than 365 days?		4
Number of empty cows or heifers for this year's calves (barren at calving)?		5
Number of calves weaned?		69
Average calf age at weaning (days) from mid point of calving?		207
Average calf weight at weaning (kg) from mid point of calving?		353

Benchmarking

Benchmarking is a very powerful tool where the results of your business can be compared to a range of data from other similar businesses

Information can be found at:

- www.fas.scot
- www.qmscotland.co.uk.
- <https://ahdb.org.uk/tools>

Extracting information from Records is rewarding and time well spent. It gives a great insight into the efficiency of the business, where problems lie and where performance needs to be improved.

SMART targets (Specific, Measurable, Achievable, Realistic and Timebound) can be set and monitored . Thus helping improve business profitability and sustainability year on year