

Extracting Meaningful Data out of SAC-LRP Sheep - Basic



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SAC-LRP is an extremely versatile program. Many users keep only statutory records with some sale or purchase lines.

For example; births, deaths, movements, sale/ slaughter lines, purchase lines, and deaths.

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 be run to provide you with some meaningful information from your records to help make your business more efficient.

What can we get out of your Statutory Records?

Reports Basics

All reports can be filtered in various ways. By type or individual animals (enter the last six digits of the animal number and press enter and / or by filters at the bottom of the grid for example Breed or Management Group

Filter by: Mgt Group Select all Breed Select all Location Select all Birth Year Select all
Source Select all

Type
 Bulls
 Steers
 Cows
 Heifers
 Breeding
 Non-Breeding

Tag Search
 By MgtTag
 Select All

All reports can also be exported to excel, PDF, word or text files. The data can then be manipulated as required.



Many reports can have the animals exported to Management Groups to ease management.

[Click here to add the animals in this report to a management group](#)

Comments Reports - Comments

The comments section is free text and can be ranked in importance by colour and searched. A very powerful tool just like a diary. Useful as anyone viewing the records can see them.

Tag Number	Mgt. Tag	Date of Event	Comment
UK0500172	02300	19/09/2018	One eye
UK0542345	10869	17/03/2019	Flattened her lamb

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



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Management Groups Reports - Management Groups

Tag number	Management Tag	Breed	Date of Birth	Age
Management group bad feet			Created on:	13/01/2018
UK0508831	00253	Texel	01/03/2017	45m
UK0540203	00961	Texel	01/03/2017	45m
UK0540203	01025	Texel	01/03/2017	45m
UK0540235	01557	Texel	01/03/2017	45m
UK0540235	01926	Texel	01/03/2017	45m
UK0540235	02160	Texel	01/03/2017	45m
UK0540235	02186	Texel	01/03/2017	45m
UK0540235	02319	Texel	01/03/2017	45m
UK0540235	02454	Texel	01/03/2017	45m
UK0540235	02499	Texel	01/03/2017	45m
Total in group:		10		
Management group Scotch Mule Ewes			Created on:	04/12/2020
UK0500172	02272	Scotch Mule	01/03/2018	33m

Management groups are useful for subdividing the herd into smaller more manageable groups. Stock can be treated, moved in their groups and this particular report prints the group(s) the animals are in.

Annual Inventory Reports—Annual Flock Record

Look at the entry for 1st December. That is a guide to number ewes and gimmers to the tup assuming the cast ewes are sold. In this case the numbers on 28 November.

28/11	Sent to market	1	Ram		Ringesta		336	3	86	7	432
04/12	Dead	1	Ewe	UK524252 004714	Unknown(found dead)	Burried	335	3	86	7	431

Flock Replacement Rate Reports—Annual Flock Record

Look at the entry for 1st December divide the number of ewe hogs (assuming they are all breeding) by ewes and gimmers in this case 25%.

28/11	Sent to market	1	Ram		Ringesta		336	3	86	7	432
04/12	Dead	1	Ewe	UK524252 004714	Unknown(found dead)	Burried	335	3	86	7	431

Target <23%

Age Profile Reports – Sheep - Flock Report - ascending date of birth

Tag Number	Mgt Tag	Breed	Sex	Date of Birth	Age	Location
UK0501940	00251	Tup 2	North Country Cheviot	Ram	01/04/2015	5y 8m On-farm
UK050072	00105	Tup 1	North Country Cheviot	Ram	01/04/2016	4y 8m On-farm
UK0564321	00101	Tup 1	North Country Cheviot Park	Ram	01/04/2016	4y 8m On-farm
UK0564322	00505		North Country Cheviot Park	Ram	01/04/2016	4y 8m On-farm
UK0500172	02272		Scotch Mule	Ewe	01/03/2018	2y 9m On-farm at Twins
UK0500172	02276		Suffolk	Ewe	01/03/2018	2y 9m On-farm at Twins
UK0540235	02599		Texel	Ewe lamb	18/03/2019	1y 8m On-farm
UK0540235	02605		Texel	Ewe lamb	18/03/2019	1y 8m On-farm
UK0540235	02612		Texel	Ewe lamb	18/03/2019	1y 8m On-farm
UK0540235	02613		Texel	Ewe lamb	18/03/2019	1y 8m On-farm

This report gives an indication of the age profile of the flock.

Lambing

Reports – Sheep Lambing

This report can be run for specific birth dates and it can also be filtered by lamb details. The main report can also be ungrouped or grouped by dam or sire (if entered).

Lamb Selection	
<input checked="" type="radio"/>	All lambs including born dead and aborted
<input type="radio"/>	Lambs that survived for at least one day
<input type="radio"/>	Lambs that survived to be tagged
<input type="radio"/>	Only lambs that died before tagging
Check the relevant box(es) below to confine the report to progeny of that type	
<input type="checkbox"/>	Singles
<input type="checkbox"/>	Triplets
<input type="checkbox"/>	Doubles
<input type="checkbox"/>	Quads and over
Dam Selection	
<input checked="" type="radio"/>	Use birth dam in this report
<input type="radio"/>	Use genetic dam in this report

The report gives individual details plus a total at the end.

Dam Tag	Dam Mgt. Tag	Date of Birth	Tag Number	Sex	Birth Weight	Litter Size	Ram Tag
UK0561253 00018		14/03/2019	00051	Ewe lamb	4.20	2	UK0542316 00202
	Lambing Note: Some Assistance						
		14/03/2019	00050	Ewe lamb	4.50	2	UK0542316 00202
	Lambing Note: Some Assistance						
Total number of Lambs according to lamb selection			2				
Total ewes 14		Total Number of Lambs according to lamb selection		28	Lambing % age per year for dams in this report: 179%		

It can also give a summary report.

5 lambs were Singletons from 5 births involving 5 dams (1 stillborn/aborted)

14 lambs were Doubles from 7 births involving 7 dams

9 lambs were Triples from 3 births involving 2 dams

Total number of lambs: 28

Total number of dams: 14

Lambing % age for dams in this report: 179%

Target—195% Lowland, 165% upland, 105% hill*

* a guide but dependent on area, climate etc.

Lambing Difficulty

Reports—Lambing

The report can be sorted by lambing difficulty to identify those with problems.

UK0561253 00020		20/03/2019	00055	Wether	4.50	1	UK0542316 00202
	Lambing Note: Some Assistance						
UK0561253 00018		14/03/2019	00051	Ewe lamb	4.20	2	UK0542316 00202
	Lambing Note: Some Assistance						
		14/03/2019	00050	Ewe lamb	4.50	2	UK0542316 00202
	Lambing Note: Some Assistance						
UK0561253 00032		20/03/2019	00073	Ewe lamb	3.00	3	UK0542324 000541
	Lambing Note: Some Assistance						
		20/03/2019	00072	Wether	3.10	3	UK0542324 000541

Target <5% interventions

Sheep Not Lambed

Reports – Sheep - Sheep Not Lambed

The report will flag up Females that have not lambed in a user defined period, it can be filtered by females to the ram or all females and can be grouped by sire or dam.

Herd Id	Date of Birth	Sex	Breed	Dam	Sire	Location
UK0561253 00021	01/04/2015	Ewe	Scottish Greyface			On-farm
UK0561253 00033	01/04/2018	Ewe lamb	Scotch Mule			On-farm
UK0561253 00034	01/04/2018	Ewe lamb	Scotch Mule			On-farm
UK0561253 00035	01/04/2018	Ewe lamb	Scotch Mule			On-farm

Losses Reports - Losses

This shows deaths and missing but can be filtered by Death Reason. This allows the analysis of deaths. It can be over a period of time and therefore annual losses can be analysed. Dam and Sire can be shown.

Death Reason Selection

Filter on Death Reason

- Unknown
- Barley Poisoning
- Cobalt Deficiency / Pine
- destroyed (broken leg)
- Died between birth and tag reading

Tag Number	Mgt. Tag	Birth	Breed	Sex	Missing on	Died on	Cause of Death	Carcase Location
UK0524252 00051		15/05/2010	Texel X	Ewe lamb		11/04/2013	Prolapse	Burried
UK0524252 00050		15/05/2010	Texel X	Ewe lamb		30/04/2013	Infection post lambing	burried

Can be filtered by the Type to find the deaths in ewes.

Target mortality in Ewes < 4%

Type

- Rams
- Wethers
- Ewes
- Ewe Lambs
- Breeding
- Non-Br'iding

Slaughtered Animals Reports – Slaughter

The report can be filtered by various metrics. If the liveweight is recorded then KO% is produced.

Tag Number	Slaughter Date	Sex	Age	DLWG	Days On Farm	Live Weight	Dead Weight	Killing %	Grade	Net Purchase Price	Net Slaughter Price	Net Slaughter Pence per Kg
UK0561253 00054	01/08/2019	Ewe lamb	4m	0.29	134	42.00	20.00	48	R3L		£80.00	400
UK0561253 00053	01/08/2019	W ether	4m	0.33	134	48.00	25.00	52	U4H		£85.00	340
UK0561253 00052	01/08/2019	W ether	4m	0.22	134	35.00	17.00	49	O2		£55.00	324
UK0561253 00051	01/08/2019	Ewe lamb	4m	0.27	140	42.00	20.00	48	R3L		£80.00	400
UK0561253 00050	01/08/2019	Ewe lamb	4m	0.28	140	44.00	20.00	45	R3L			
Total animals: 5		Averages :		0.28	136	42.20	20.40	48			£75.00	366
		Totals :				211.00					£300.00	
								102.00				

Target 1kg lamb sold per kg ewe weight <150days

Grade Reports – Grade

This can be filtered by Dam, Sire, Breed and Grade.

This will show out of specification lambs which reduce efficiency.

Sire: breed: Unknown		Dam: breed: Unknown							
		1	2	3L	3H	4L	4H		
E	Avg Price / Avg Wt								
U	Avg Price / Avg Wt								
R	Avg Price / Avg Wt			90		4	3		
O	Avg Price / Avg Wt		3						
P	Avg Price / Avg Wt								
			£80.00 / 19.0						
				£97.56 / 22.6		£90.00 / 22.0	£82.00 / 24.0		

It can show the results grouped by breed, dam, sire.

Sire Tag: UK542879 100184		Breed: Unknown					
		Purchased from: Home-bred					
UK541368 400224	UK541368 600751	336.0	R4H	£1,271.21		671	£3.78
UK541368 100354	UK541368 400749	316.0	R4H	£1,194.86		675	£3.78
Number of animals:	2	Averages :		326.0	£1,233.04	673	£3.78

Daily Liveweight Gain Reports – Weight Gain

If just statutory information and sale/ slaughter line entered, provided a birth or purchase weight is entered, a lifetime liveweight gain can be reported.

Tag Number	Management Tag	Sex	Age	Start Date	End Date	Start Wgt	End Wgt	DLWG
UK0540235	02592	Ewe lamb	20m	18/03/2019	01/07/2019	4.00	39.50	0.338
UK0540235	02593	Ewe lamb	20m	18/03/2019	01/07/2019	4.00	36.50	0.309
UK0540235	02594	Ewe lamb	20m	18/03/2019	01/07/2019	4.00	35.00	0.295
UK0540235	02595	Wether	20m	18/03/2019	01/07/2019	4.00	40.00	0.342
UK0540235	02596	Ewe lamb	20m	18/03/2019	01/07/2019	4.00	32.00	0.266

Target gain >0.25kg/hd/day birth to sale

Total Lambs Sold Reports - Animal Activities

Select Sales, Sent to Market, Abattoirs and Slaughter—start and end date.

Date	Running Totals				Details	
	All Animals	Ewe lambs	Ewes	Wethers	Rams	
01/08/2019	22	5	15	0	2	11 Ewe lambs and 13 Wethers sent to abattoir and slaughtered at Scotbeef on 01/08/2019

This is sheep that have been sent to slaughter, market and private sales. To get total animals reared, add in tup lambs and ewe lambs retained for breeding.

Target Reared 190% lowland, 165% upland, 105% hill of ewes to the tup

* a guide but dependent on area, climate etc

Animal Activities Reports – Animal Activities

Gives a list of events selected from the grid between specific dates or everything can be selected.

Tick the events you want reported

<input type="checkbox"/> Births	<input type="checkbox"/> Missing and found	<input type="checkbox"/> Sent to Market (including Sold/Slaughtered at Market)	<input type="checkbox"/> Services
<input type="checkbox"/> Purchases	<input type="checkbox"/> Sent to Grasskeep	<input type="checkbox"/> Returned from Market	<input type="checkbox"/> Scanning
<input type="checkbox"/> Sales	<input type="checkbox"/> Returned from Grasskeep	<input type="checkbox"/> Abattoirs and Slaughter	<input type="checkbox"/> Treatments
<input type="checkbox"/> Deaths	<input type="checkbox"/> Gender changes		<input type="checkbox"/> Weighing

Untick this to turn off all events. Tick it to turn them all on.

Date	Running Totals				Details	
	All Animals	Ewe lambs	Ewes	Wethers	Rams	
01/04/2015	5	5	0	0	0	5 Ewe lambs born on 01/04/2015
01/04/2016	10	10	0	0	0	5 Ewe lambs born on 01/04/2016
01/03/2017	10	5	5	0	0	5 Ewe lambs became Ewes on 01/03/2017
01/04/2017	15	10	5	0	0	5 Ewe lambs born on 01/04/2017
01/03/2018	15	5	10	0	0	5 Ewe lambs became Ewes on 01/03/2018
01/04/2018	20	10	10	0	0	5 Ewe lambs born on 01/04/2018
02/08/2018	20	10	10	0	0	10 Ewe lambs and 10 Ewes treated on 02/08/2018
01/09/2018	22	10	10	0	2	2 Rams purchased from Home farm on 01/09/2018
01/09/2018	22	10	10	0	2	2 Rams weighed on 01/09/2018

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 even with basic information. It gives 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.