# Extracting Meaningful Data out of Cattledata Cattle - Advanced

## We have already looked at the information that can be extracted from Cattledata 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    Home—Calving—Cows/Heifers

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.

There is the option to add a weight. It is worth doing even if it is a generic weight or a guestimate (obviously an accurate weight is best). We can then later get an accurate liveweight gain for individuals out of the program.

| Vigour | Size | Stillborn | Aborted | Name | Weight (kgs) |
|---|---|---|---|---|---|
| 3 Vigorous | 3 Large | ☐ | ☐ | | 40.00 |

There is a choice of vigour and size

```
1 Lazy        1 Small
2 Lazy/Weak   2 Medium
3 Vigorous    3 Large
4 Bouncing    4 Extra Large
```

A Calving Score can be given

```
(Please Select)
1 Normal
2 Assisted
3 Jack Assisted
4 Vet Assisted
5 Caesarian
```

Finally Dam Docility

```
Dam Docility:    1 Docile
Caesarean:       1 Docile
Malpresentation: 2 Quiet
                 3 Nervous
                 4 Flighty
                 5 Aggressive
```

Caesarean and Malpresentation can be recorded

```
Caesarean:       ☐ Yes:
Malpresentation: ☐ Yes:
```

If a calf is lost (still born or Aborted) then many do not record these so the death/loss is hidden and the true extent of calf losses is missing.  By just selecting an option, this allows that data to be captured.

| Stillborn | Aborted |
|---|---|
| ☐ | ☐ |

# Calving Record

Reports—Animals—Cows—Calving Record

**Dam** ID: UK100934100800    Sire ID: UK543058400482

Date of birth 08/03/19

Sex:  Male  [X]    Female  [ ]

**Calf** ID: UK543058300586    Calf died  [ ]
If calf died before registration see page 112

Notable markings for your own use _____

Cow calved herself  [ ]

If assisted:  Easy _____ X  Hard

Caesarean  [X]    Malpresentation eg breech  [X]

**Calf:**

Vigour:  Lazy ___X_____ Bouncing
                1    2    3    4

Calf size:  Small _____X___ Extra Large
                1    2    3    4

Cow:  Docile ___X_____ Aggressive
                1    2    3    4    5

This report includes the extra information recorded against each cow in the Beef Efficiency Scheme format. As with all reports it can be text searched or exported to other formats.

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# Service

Reports - Selective— New—Service—Edit

This report can be designed to show the service dates by bull, expected calving date and last bull used (the one she should be in calf to).

Select in this order

Official Tag—Ear Number

Service dates + Bulls (with date range)

Expected calving—Last Bull  Expected

Calving as 1. Select other if required.

Select Stock—Display

Title: Service    Type: Standard    Columns Used:

| | Heading | Len | Lower | Upper | Incl | Rank |
|---|---|---|---|---|---|---|
| ▶ | Ear Number | 10 | | | ☑ | |
| | Official Tag | 20 | | | ☑ | |
| | Last Bull | 10 | | | ☑ | |
| | Expected Calving | 8 | | | ☑ | 1 |
| | Service Dates + Bulls | 100 | 01/06/16 | 31/07/16 | ☑ | |

The Report shows service dates and bulls with the expected calving date and bull.

**Service**                                                                4

| Official Tag | Ear Number | Service Dates + Bulls | | | | Expected Calving | Last Bull |
|---|---|---|---|---|---|---|---|
| UK580340701556 | E2 | 03/06/16 00181 | 24/06/16 00496 | | | 03/04/17 | 00496 |
| UK580340401567 | E1 | 03/06/16 00181 | 24/06/16 00496 | | | 03/04/17 | 00496 |
| UK580340701584 | E3 | 03/06/16 00181 | 24/06/16 00496 | | | 03/04/17 | 00496 |
| UK543096601288 | E8 | 03/06/16 00181 | 24/06/16 00496 | | | 03/04/17 | 00496 |
| UK100934100800 | 00800 | 01/12/15 00496 | 27/04/16 00181 | 24/06/16 00496 | 15/07/16 00482 | 24/04/17 | 00482 |
| UK202852400218 | 00218 | 01/12/15 00496 | 27/04/16 00181 | 24/06/16 00496 | 15/07/16 00482 | 24/04/17 | 00482 |
| UK543058100213 | 00213 | 01/12/15 00496 | 27/04/16 00181 | 24/06/16 00496 | 15/07/16 00482 | 24/04/17 | 00482 |
| UK543058500224 | 00224 | 01/12/15 00496 | 27/04/16 00181 | 24/06/16 00496 | 15/07/16 00482 | 24/04/17 | 00482 |

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# Projected Calving based on service

Reports – Animals – Cows— Calving Schedule

The report shows the projected calving date based on service dates entered.

| Ear Number | Born | Official Tag | Breed | Due | No Bull | Comment |
|---|---|---|---|---|---|---|
| March2016 cows | | | | | | |
| E1 | 15/01/11 | UK580340401567 | LIMX | 03/04/17 | 00496 | |
| E10 | 25/05/09 | UK541410500722 | LIMX | 03/04/17 | 00496 | |
| E2 | 24/12/10 | UK580340701556 | LIMX | 03/04/17 | 00496 | |

# Confirming in Calf (PD) Information entered into Home PD Results

| Details | | | |
|---|---|---|---|
| Date: | 10/01/2017 ⌄ | Age of Foetus: | 208 days: |
| Result: | Positive after Vet ⌄ | Gestation: | 283 days: |
| Foetal Count: | 1 | Calving Due: | 26/03/2017 ⌄ |

Enter date of scanning number of calves (negative after vet, zero = barren) plus number of days pregnant and it will alter the calving date.

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# Scanning Results (PD)     Reports – Animals - Cows—Calving Schedule

The report shows the number of progeny and date due

| Ear Number | Born | Official Tag | Breed | Due | No | Bull | Comment |
|---|---|---|---|---|---|---|---|
| March2016 cows | | | | | | | |
| E5 | 26/01/08 | UK541410100669 | LIMX | 26/03/17 | 0 | 00181 | |
| E9 | 29/06/09 | UK541410200726 | LIMX | 26/03/17 | 1 | 00181 | |
| E3 | 27/03/11 | UK580340701584 | LIMX | 29/03/17 | 1 | 00181 | |
| E10 | 25/05/09 | UK541410500722 | LIMX | 03/04/17 | 1 | 00496 | |
| E2 | 24/12/10 | UK580340701556 | LIMX | 03/04/17 | 1 | 00496 | |

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# Barren Cows from PD  Reports - Selective— New—Barren from PD—Edit

Select in this order

Status Lower — Not In Calf Vet

Official Tag—Breed

Ear Number

| Title: | Barren from PD | | | Type: | Standard ⌄ | Columns Used: | |
|---|---|---|---|---|---|---|---|

| | Heading | Len | Lower | Upper | Incl | Rank |
|---|---|---|---|---|---|---|
| | Ear Number | 10 | | | ☑ | |
| | Breed | 20 | | | ☑ | |
| | Official Tag | 20 | | | ☑ | |
| ▶ | Status | 20 | 6 | | ☑ | |

Report shows Cows marked Barren (Not in Calf) at PD. **Target < 5%**

**Barren**

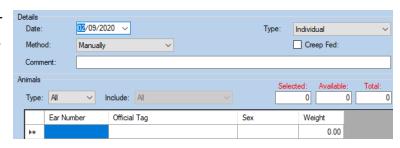| Status | Official Tag | Breed | Ear Number |
|---|---|---|---|
| Not In Calf-Vet | UK541410100669 | Limousin X | E5 |

Total Animals : 1

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# Weighing Stock     Reports – Weights – All Stock

The report can be filtered by various metrics

Weights can be entered for weaning or regular weighing's through the season.

The report will give the weight gain over the period and an average for each animal.

| Details | | | |
|---|---|---|---|
| Date: | 02/09/2020 ⌄ | Type: | Individual ⌄ |
| Method: | Manually ⌄ | | ☐ Creep Fed: |
| Comment: | | | |

| Animals | | | | Selected: | Available: | Total: |
|---|---|---|---|---|---|---|
| Type: | All ⌄ | Include: | All ⌄ | 0 | 0 | 0 |

| | Ear Number | Official Tag | Sex | Weight |
|---|---|---|---|---|
| ▶* | | | | 0.00 |

From: 01/03/2020 to 01/03/2020

| Ear Number | Born | Breed | Official Tag | Age | Weight | Buying Price | DLWG | Location |
|---|---|---|---|---|---|---|---|---|
| Male | | | | | | | | |
| 00586 | 08/03/19 | LIM | UK543058300586 | 359 | 245.00 | | 0.6 | Manor Farm |
| 00586 | 08/03/19 | LIM | UK543058300586 | 359 | 300.00 | | 0.7 | Manor Farm |
| 00586 | 08/03/19 | LIM | UK543058300586 | 359 | 373.00 | | 0.9 | Manor Farm |
| Totals / Averages Male | | | 3 | 359 | 306.00 | | 0.7 | |
| Totals / Averages: | | | 3 | 359 | 306.00 | | 0.7 | |

# Expected Dead Weights

Reports—Weighing Reports—Expected Dead Weights

This report gives predicated dead weight based on the last weighing and KO% set in Maintenance—Business Parameters—Misc using the LWG in the previous period.

| Ear Number | Born | Breed | Official Tag | Age | Weight | Dead Weight | DLWG | Location |
|---|---|---|---|---|---|---|---|---|
| **Female** | | | | | | | | |
| 215C | 02/10/18 | LIMX | UK543058400587 | 516 | 465.00 | 251.10 | 1.0 | Manor Farm |
| Totals / Averages Female | | | 1 | 516 | 465.00 | 251.10 | 1.0 | |
| | | | | | | | | |
| **Male** | | | | | | | | |
| 00586 | 08/03/19 | LIM | UK543058300586 | 359 | 440.00 | 250.80 | 1.1 | Manor Farm |
| S10A | 15/11/18 | SMX | UK543058600589 | 472 | 505.00 | 287.85 | 1.0 | Manor Farm |
| Totals / Averages Male | | | 2 | 416 | 472.50 | 269.33 | 1.1 | |

# Daily Liveweight Gain

Reports - Selective— New—DLWG—Edit

Select in this order

Official Tag—Ear Number

Date of Birth—Dam Tag

DLWG—Weights + Dates

Date Weighed—enter range

Weights and Dates.

Select Stock—Display

| Title: | DLWG | | Type: | Standard | | Columns Used: | |
|---|---|---|---|---|---|---|---|
| | Heading | Len | Lower | Upper | | Incl | Rank |
| ▶ | Ear Number | 10 | | | | ☑ | |
| | Date of Birth | 8 | | | | ☑ | |
| | Official Tag | 20 | | | | ☑ | |
| | Dam Tag | 20 | | | | ☑ | |
| | Weights + Dates | 102 | | | | ☑ | |
| | Date Weighed | 8 | 02/10/18 | 01/03/20 | | ☐ | |
| | DLWG All Weighings | 36 | | | | ☑ | |

The Report shows DLWG between weighings and their weight and date of weighing.

**DLWG**                                                                                                    **17**

| Official Tag | Ear Number | Date of Birth | Dam Tag | DLWG All Weighings | Weights + Dates |
|---|---|---|---|---|---|
| UK543058300586 | 00586 | 08/03/19 | UK100934100800 | 1.09  1.12 | 45.00 08/03/19  270.00 01/10/19  440.00 01/03/20 |
| UK543058400587 | 215C | 02/10/18 | UK541840500910 | .70  .88  .95 | 45.00 02/10/18  220.00 09/06/19  320.00 01/10/19  465.00 01/03/2 |
| UK543058600589 | S10A | 15/11/18 | UK541358500758 | .97  .95  1.00 | 45.00 15/11/18  245.00 09/06/19  353.00 01/10/19  505.00 01/03/2 |

# Feeds

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

| Purchase the feed through | Maintenance—Feed—New or edit existing feed |
|---|---|
| then feed out the animals through | Maintenance—Feed Plan—New or edit existing plan |
| Then allocate feed to groups | Create a group and enter feed plan and dates |

# Feeds Eaten & Cost

Reports - Feed (monthly or daily)

This is a record of the amount and cost of feed per day or per month and can be by all or groups

Dates : 01/09/2019 to 31/01/2020  Groups : Autumn Calvers to Autumn Calvers

| Date | No | Rate | Cows Quantity | Cost | No | Rate | Calfs Quantity | Cost | No | Rate | Bulls Quantity | Cost | Overall Quantity | Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Autumn Calvers** | | | | | | | | | | | | | | |
| **Concentrate** | | | | | | | | | | | | | | |
| October 2019 | 11 | 2.00 | 682.00 | 187.55 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0.00 | 0.00 | 682.00 | 187.55 |
| November 2019 | 11 | 2.00 | 660.00 | 181.50 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0.00 | 0.00 | 660.00 | 181.50 |
| December 2019 | 11 | 2.00 | 682.00 | 187.55 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0.00 | 0.00 | 682.00 | 187.55 |
| January 2020 | 11 | 2.00 | 682.00 | 187.55 | 0 | 0.00 | 0.00 | 0.00 | 0 | 0.00 | 0.00 | 0.00 | 682.00 | 187.55 |
| **Totals for Concentrate** | 11 | | 2706.00 | 744.15 | 0 | | 0.00 | 0.00 | 0 | | 0.00 | 0.00 | 2706.00 | 744.15 |
| | | | | | | | | | | | | | | |
| **Totals for Autumn Calvers** | | | 2706.00 | 744.15 | | | 0.00 | 0.00 | | | 0.00 | 0.00 | 2706.00 | 744.15 |
| | | | | | | | | | | | | | | |
| **Grand Totals** | | | 2706.00 | 744.15 | | | 0.00 | 0.00 | | | 0.00 | 0.00 | 2706.00 | 744.15 |

A track can be kept of feed costs for benchmarking.

# Health Reports

Reports—Statutory—Health Book

Once medicines and treatments are entered Reports can be run filtered by animal type and by treatment type from the Health drop down box. The withdrawal period is shown.

**Reason : Worming to Worming**

| Date | Ear Numbers | Sex | Reason | Treatment Batch Number | Quantity Expiry | Date Finished | Withdrawal Beef | Milk | Admin By |
|------|-------------|-----|--------|------------------------|-----------------|---------------|-----------------|------|----------|
| 16/04/16 | 00029 UK543058600029 | F | Worming | Ivomec Bolus 65TG563-006 | 1 Bolus 16/06/16 | 16/04/16 | 13/10/16 180 days | 16/04/16 0 days | DES |
| 16/04/16 | 00063 UK543058500063 | F | Worming | Ivomec Bolus 65TG563-006 | 1 Bolus 16/06/16 | 16/04/16 | 13/10/16 180 days | 16/04/16 0 days | DES |

The treatments are in chronological order.

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# Pharmacy Report

Reports—Statutory—Pharmacy Book

This report shows the list of drugs, where they were purchased and used.

**Ivomec Bolus**
**65TG563-006**

| Date | Ear Numbers | Sex | Reason | Expiry | Quantity | Date Finished | Withdrawal Beef | Milk | Admin By | Comment |
|------|-------------|-----|--------|--------|----------|---------------|-----------------|------|----------|---------|
| 16/03/15 | Purchased | FSC | | 16/06/17 | 100 Bolus | | 180 days | 0 days | | |
| 16/04/16 | 00481 UK543058300481 | M | Worming | 16/06/16 | 1 Bolus | 16/04/16 | 13/10/16 180 days | 16/04/16 0 days | DES | |
| 16/04/16 | 00483 UK543058500483 | M | Worming | 16/06/16 | 1 Bolus | 16/04/16 | 13/10/16 180 days | 16/04/16 0 days | DES | |

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# Margin

Reports - Selective— New—Margin—Edit

Select in this order

Ear Number—Official Tag

Margin

Margin/day

Select Animals—Display

A net margin is produced.

| Title: | Margin | | | Type: | Standard | | Columns Used: |
|--------|--------|-----|-------|-------|----------|-----|---------------|
| | Heading | Len | Lower | | Upper | Incl | Rank |
| ▶ | Ear Number | 10 | | | | ☑ | |
| | Official Tag | 20 | | | | ☑ | |
| | Margin | 7 | | | | ☑ | 1 |
| | Margin /day | 7 | | | | ☑ | |

**Selective Reporting**

**Margin**

| Ear Number | Official Tag | Margin | Margin |
|------------|--------------|--------|--------|
| 00504 | UK543058500504 | 585.00 | .54 |
| 00156 | UK543058700156 | 639.97 | .23 |
| 00076 | UK54308100076A | 690.00 | .69 |

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## 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