

# Research Challenge Beef Farm Walk

***“On-farm research to underpin improvements in the carbon footprint of beef production”***

at the farm of:

**Eric and Gary Reid**

26a Ahorey Road, Richhill



**Tuesday 24<sup>th</sup> April, 2012**

## Research to underpin improved production efficiency

Today's farm walk is aimed at providing you with tools and information to help you make improvements with your beef enterprise

### Topics for discussion include:

1. Calf management and health
2. Dairy origin rearing and finishing systems
3. Monitoring performance
4. Grassland management
5. Finishing options

## Eric and Gary Reid, Richhill

- Farm Area: 155 acres
- Finishes approximately 320 cattle
- Cattle bought as lightweight stores (spring)

### Aims:

- Maximising production efficiency
  - monitoring performance
  - focus on animal health
- Maximising live weight gain from grass/grass silage
  - 0.85 kg DLWG from grazed grass
  - 1.50 kg DLWG from grass silage/concentrate during finishing



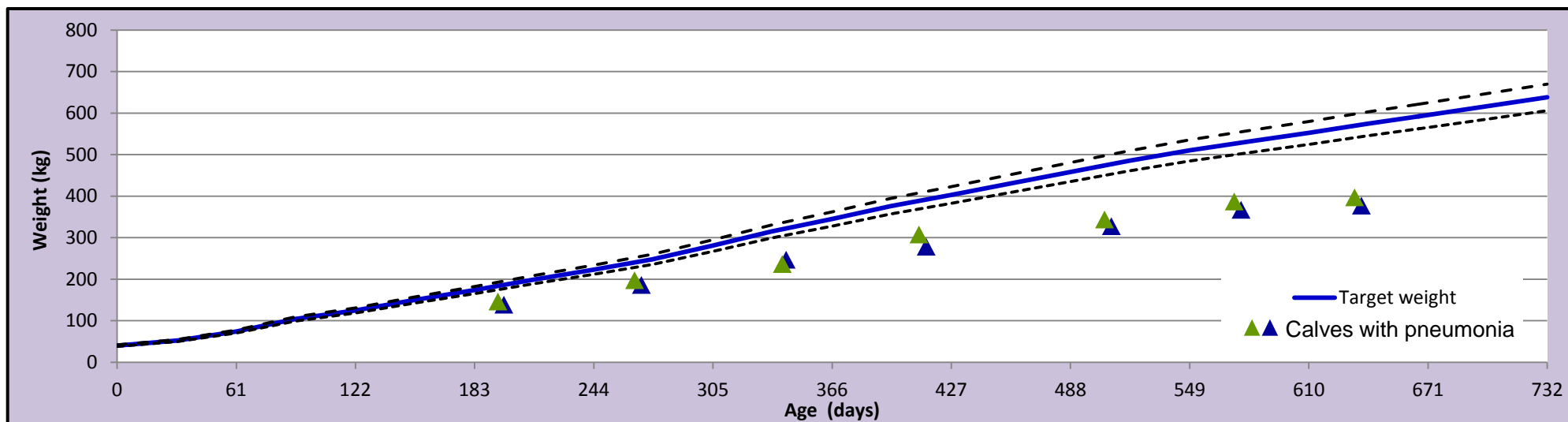
### Recent Farm Developments & Technology include:

- Regular weighing of cattle to monitor growth
- Modifying diets in line with animal performance

## Impact of calf ill health on long term performance

| Parameter               | Effect of scour |       |
|-------------------------|-----------------|-------|
|                         | No              | Yes   |
| Live weight (kg)        |                 |       |
| 8 weeks                 | 71              | 68*** |
| 1.5 year                | 439             | 427*  |
| Mortality at 1 year (%) | 4.8             | 7.9*  |

| Parameter        | Effect of pneumonia |       |
|------------------|---------------------|-------|
|                  | No                  | Yes   |
| Live weight (kg) |                     |       |
| 8 weeks          | 72                  | 68*** |
| 1.5 year         | 441                 | 428** |





## Pneumonia in older calves

### ACUTE DISEASE (SHIPPING FEVER)

#### ◆ INFECTIOUS AGENTS

- Pasteurella
- Mycoplasma spp
- Viruses
  - PI3
  - RSV
  - BR
  - BVD

#### ◆ ENVIRONMENT

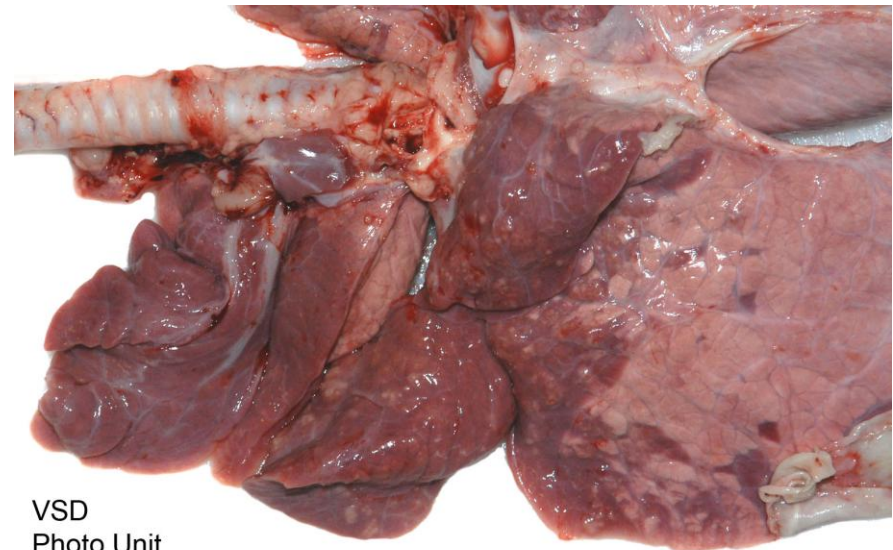
- Temperature change

#### ◆ MANAGEMENT

- Stress
  - Weaning
  - Mixing
  - Housing
  - Diet change

#### ◆ PREVENTION

- Management
- Vaccination
- Antibiosis



## Pneumonia in young calves

### ACUTE and CHRONIC DISEASE

#### ◆ INFECTIOUS AGENTS

- Viruses
- Mycoplasma spp
- Bacteria

#### ◆ ENVIRONMENT

- Risk factors
  - Sudden cold stress, Heat stress, High humidity

#### ◆ MANAGEMENT

- Risk factors
  - Early weaning, Low colostrum, Multi-source, Mixing, Over-crowding, Poor hygiene, Procedures

#### ◆ CALF FACTORS

- Inherited traits

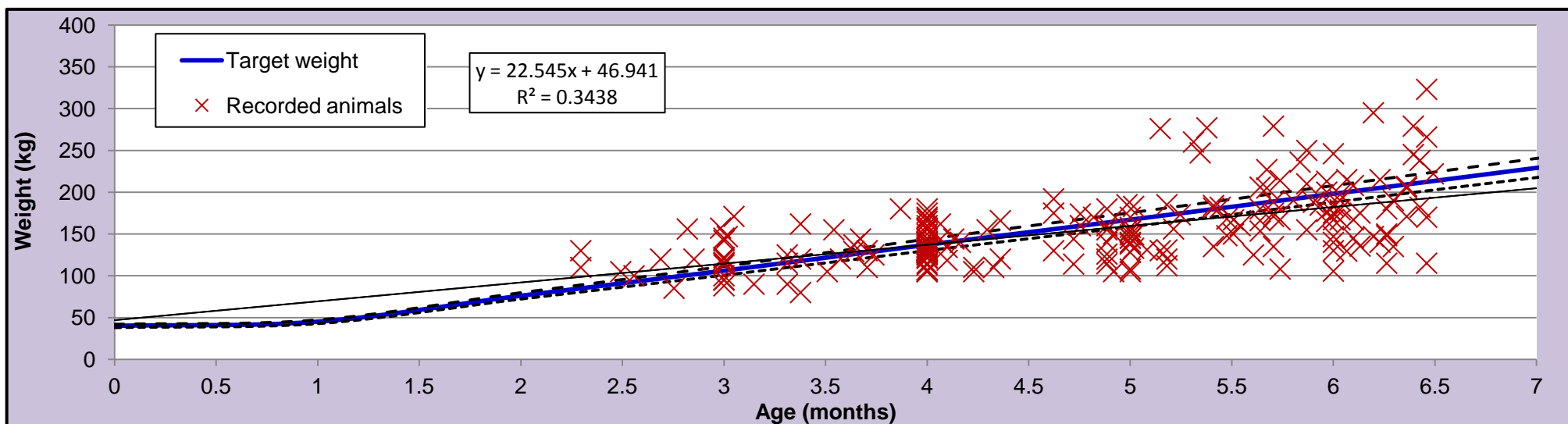
#### ◆ PREVENTION

- Management
- Vaccination
- Antibiosis



## Performance of RCF producers

|   | <i>Feeding period (days)</i> | <i>Weight (kg)</i> | <i>Growth rate required (kg/d)</i> |
|---|------------------------------|--------------------|------------------------------------|
| Birth                                     |                              | 45                 |                                    |
| Birth to weaning                          | 49                           | 80                 | 0.7                                |
| Weaning to turnout 1 <sup>st</sup> summer | 41                           | 110                | 0.7                                |



Key is to monitor performance – online tool being developed to help with this



## Grassland management

**Grazed Grass remains the cheapest source of feed available**

**Current Grass Quality (GrassCheck Figures)**

**Dry Matter      21%**

**ME                12.4 MJ/kg DM**

**Crude Protein 20 %**

**Grazing systems – Set Stocked or Rotational Grazing**

**Meal Feeding – No response in performance if well grazed**



## Grassland management

### Stocking Rates:

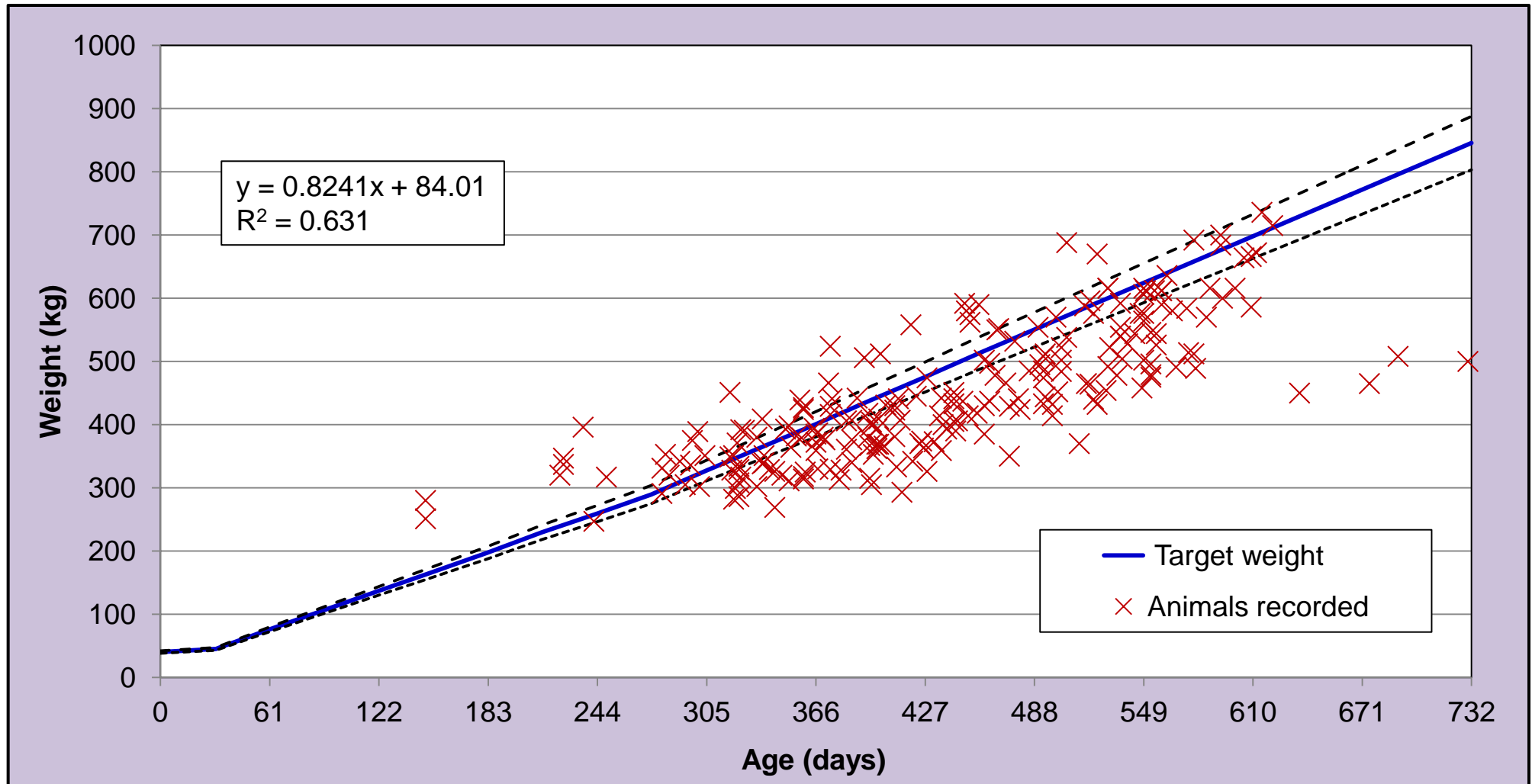
| Stock Carried/Ha      | March | April - June | Jul – Aug | Sept - Oct |
|-----------------------|-------|--------------|-----------|------------|
| Suckler Cow plus Calf | 2     | 3.5          | 3         | 2          |
| 400 Kg                | 2     | 5            | 3         | 2          |
| 320 Kg                | 3     | 6            | 4         | 2          |
| 250 Kg                | 4     | 8            | 5         | 3          |

### Grazing Target:

|                          |               |
|--------------------------|---------------|
| Pre Grazing grass cover  | 2800 kg DM/ha |
| Post Grazing grass cover | 1600 kg DM/ha |

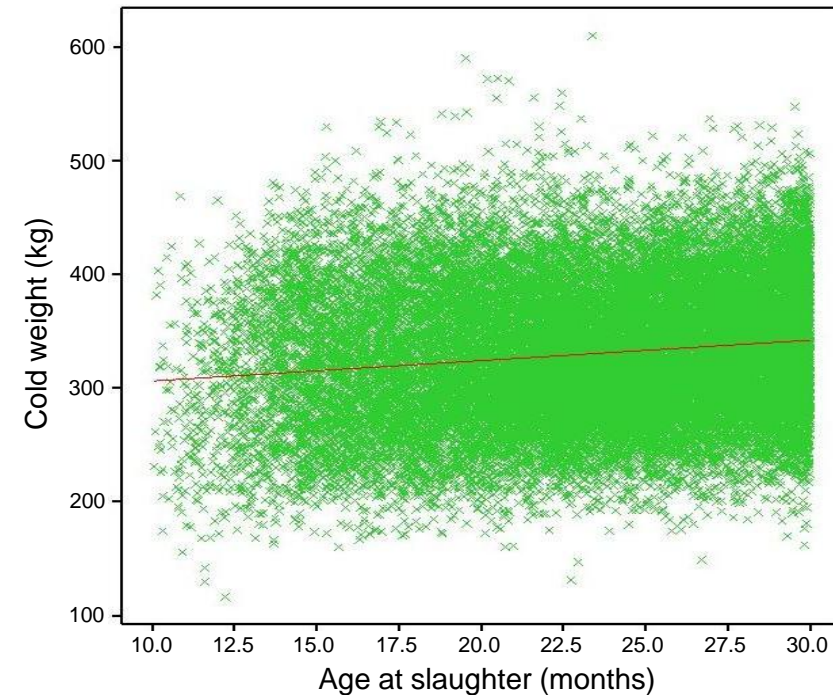
Walk grazing swards regularly to monitor grass growth

**Monitor performance and set realistic targets**



## Industry Analysis

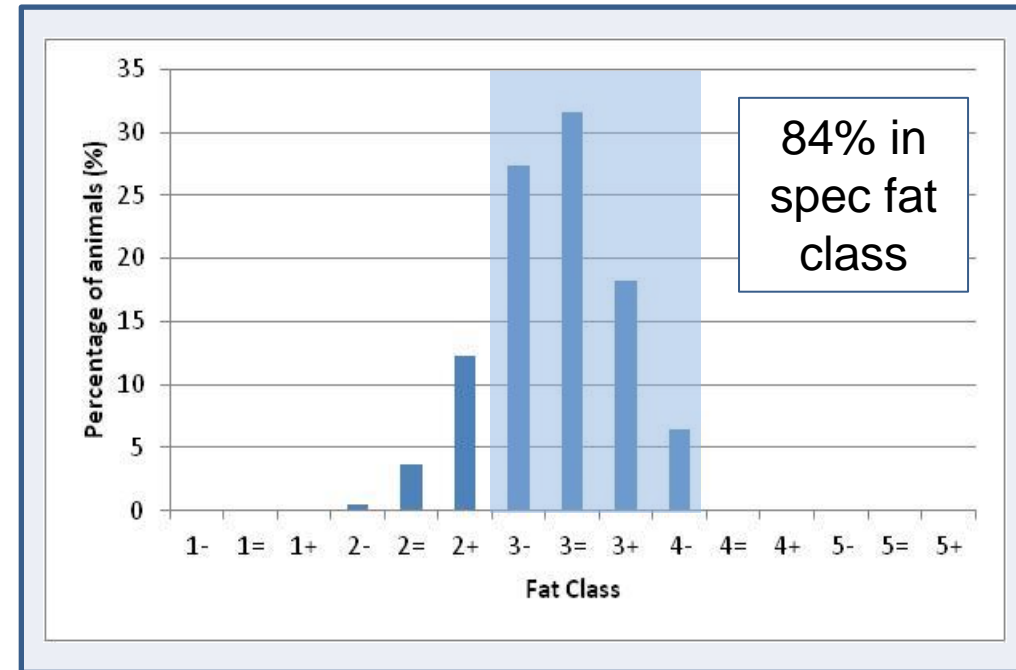
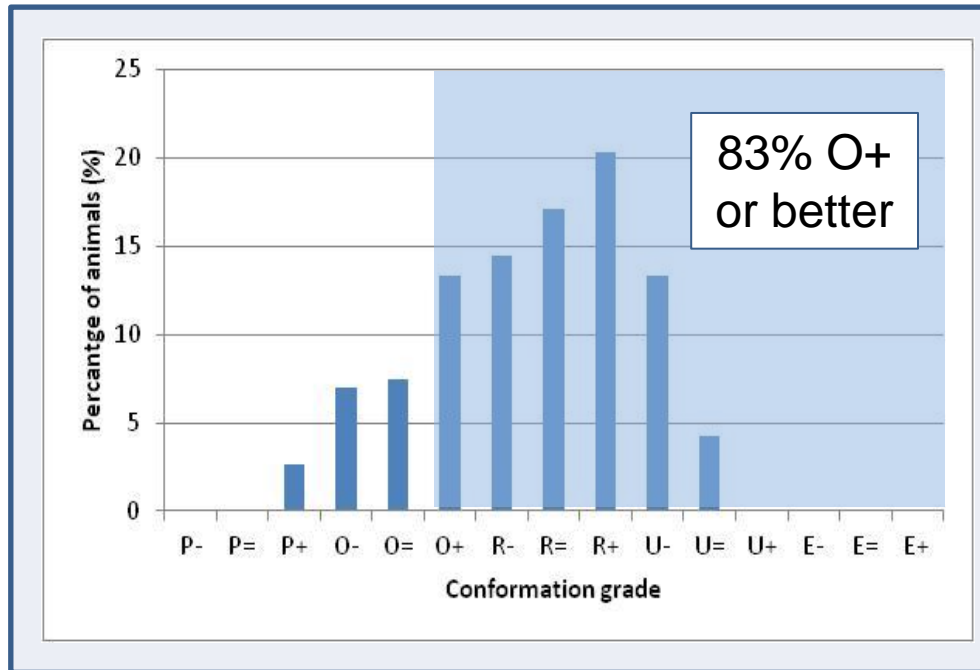
|         | Age at slaughter (months) | Carcass weight (kg) | Conformation grade | Fat class |
|---------|---------------------------|---------------------|--------------------|-----------|
| Bulls   | 17.3                      | 324                 | R                  | 3         |
| Steers  | 25.5                      | 345                 | R                  | 3         |
| Heifers | 24.6                      | 307                 | R                  | 3         |



- Large variation in weight of animals slaughtered in NI
- Poor relationship between age at slaughter and carcass weight
- Significant scope for improvement through targeted growth

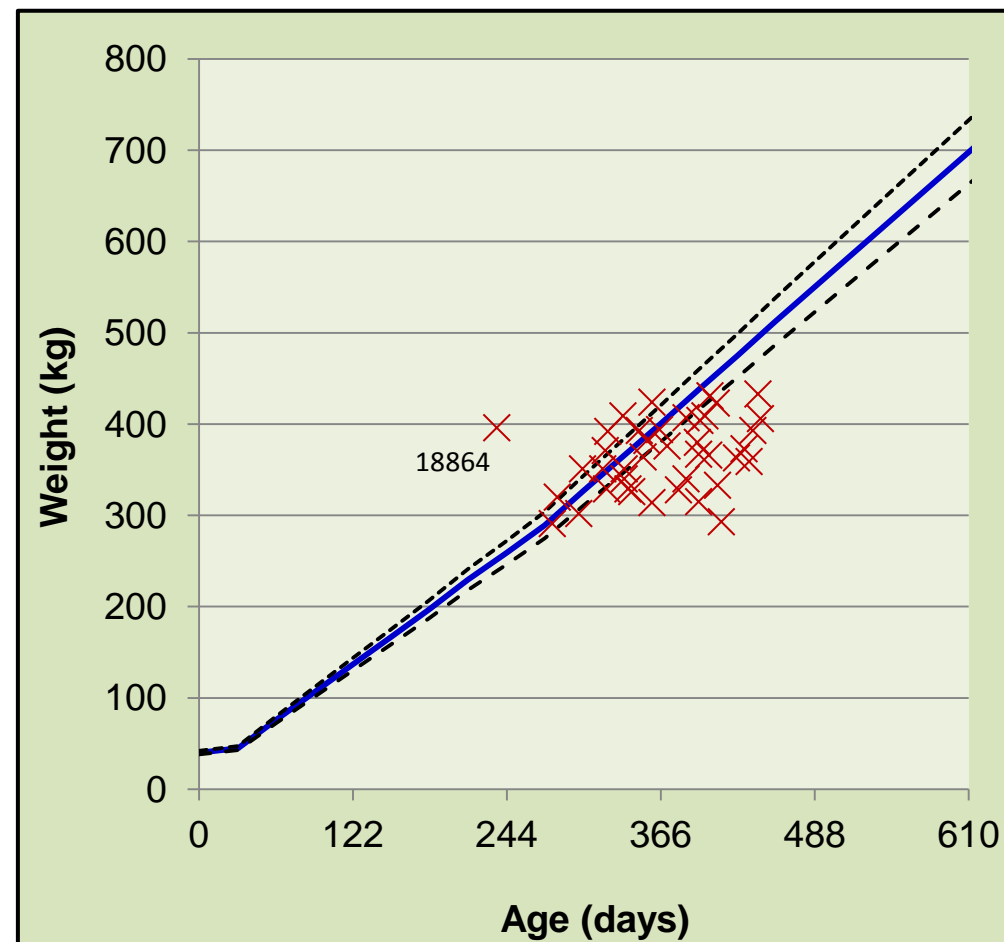
| Breed category       | No. of cattle | Age at slaughter (months) | Carcass weight (kg) | Conformation | Fat class |
|----------------------|---------------|---------------------------|---------------------|--------------|-----------|
| Pure Dairy           | 34            | 18.1                      | 310                 | O=           | 3-        |
| Native x Dairy       | 11            | 17.7                      | 351                 | R-           | 3=        |
| Continental x Dairy  | 34            | 18.2                      | 354                 | R-           | 3=        |
| Pure Native          | 1             | 19.5                      | 375                 | R=           | 4-        |
| Native x Continental | 6             | 11.9                      | 353                 | R-           | 3=        |
| Continental x Native | 21            | 18.1                      | 364                 | R=           | 3=        |
| Pure Continental     | 79            | 19.2                      | 380                 | R+           | 3=        |
| Unknown              | 1             | 10.5                      | 267                 | O-           | 2+        |
| <b>AVERAGE</b>       |               | <b>18.3</b>               | <b>357</b>          | <b>R=</b>    | <b>3=</b> |





- Key objective on the Reid farm is to produce prime quality carcasses in the most efficient manner
  - ✓ Growth targets and monitoring performance

| SUMMARY                          | Spring 2011 |
|----------------------------------|-------------|
| Target age at slaughter (months) | 18          |
| Target weight at slaughter (kg)  | 630         |
| No. of animals                   | 40          |
| Age (months)                     | 12.0        |
| Live weight (21 March) (kg)      | 366         |
| DLWG required to present (kg/d)  | 0.98        |
| DLWG achieved to present (kg/d)  | 0.89        |
| DLWG since last visit (kg/d)*    | 0.96        |



|                                | (£/HEAD)   |
|--------------------------------|------------|
| Finished bull (310 kg @ £3.10) | 961        |
| Less store purchase price      | 495        |
| <b>OUTPUT</b>                  | <b>466</b> |
| Concentrates (0.5 tonne)       | 100        |
| Grazing (0.2 ha)               | 136        |
| Silage (2 tonne)               | 60         |
| Vet /transport/fee             | 45         |
| Total variable costs           | 341        |
| <b>GROSS MARGIN PER HEAD</b>   | <b>125</b> |

### 18 Month Bull Beef Production

#### Aims:

- ◆ Purchase at 330 kg weight at 11 months
- ◆ Achieved 1.4 kg/d DLWG from purchase
- ◆ Slaughter age: 18 months
- ◆ Carcass weight: 310 kg
- ◆ Grade
  - Fat class 3
  - Conformation O=

#### Future plans:

Carefully monitor animal health to ensure maximum performance can be achieved

## Finishing systems for Holstein and beef cross Holstein bulls

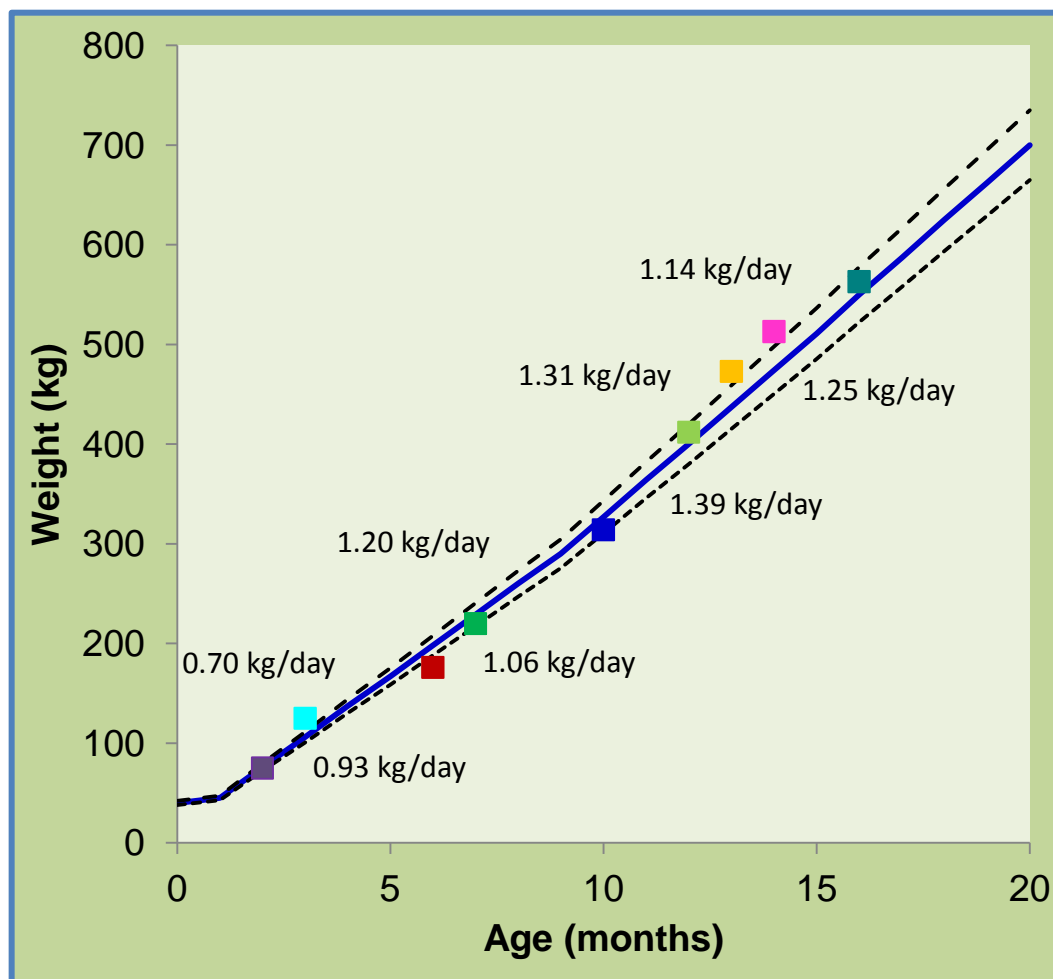
|  | Finishing system      |                                      |
|--|-----------------------|--------------------------------------|
|  | Intensive bull system | Forage/concentrate based bull system |
| Slaughter age (months)                   | 15.0                  | 16.4                                 |
| Lifetime carcass gain (kg/day)           | 0.67                  | 0.58                                 |
| Carcass weight (kg)                      | 309                   | 298                                  |
| <b>Total concentrate input (t fresh)</b> | <b>2.6</b>            | <b>1.7</b>                           |
| Total silage input (t DM)                | 0.27                  | 0.86                                 |
| Grazing area (ha/animal)                 | 0                     | 0.05                                 |
| <b>CARCASS VALUE (£)</b>                 | <b>986</b>            | <b>945</b>                           |
| <b>TOTAL VARIABLE COSTS</b>              | <b>£743</b>           | <b>£646</b>                          |
| <b>GROSS MARGIN PER HEAD</b>             | <b>-£4</b>            | <b>£52</b>                           |



## Holstein Bulls

### SUMMARY

|                                  |      |
|----------------------------------|------|
| No. of animals                   | 22   |
| Target age at slaughter (months) | 16   |
| Target weight at slaughter (kg)  | 550  |
| Carcass weight (kg)              | 270  |
| Conformation                     | P/O  |
| Fat class                        | 2/3  |
| Kill out %                       | 49.6 |
| DLWG required (kg/day)           | 1.05 |
| DLWG achieved (kg/day)           | 1.12 |



| SUMMARY                      | Quantity          | £/head     |
|------------------------------|-------------------|------------|
| Finished bull                | 270 kg @ £3.06/kg | 826        |
| Less calf value              |                   | 123*       |
| <b>OUTPUT</b>                |                   | <b>703</b> |
| Milk replacer                | 18 kg             | 27         |
| Straw                        | 70 kg             | 5          |
| Concentrate                  | 1.6 tonne         | 368        |
| Grazing                      | 0.05 ha           | 34         |
| Silage                       | 1.1 tonne (DM)    | 132        |
| Vet/transport/fee            |                   | 40         |
| <b>Total variable costs</b>  |                   | <b>606</b> |
| <b>GROSS MARGIN PER HEAD</b> |                   | <b>97</b>  |

### Economics of production dependent on:

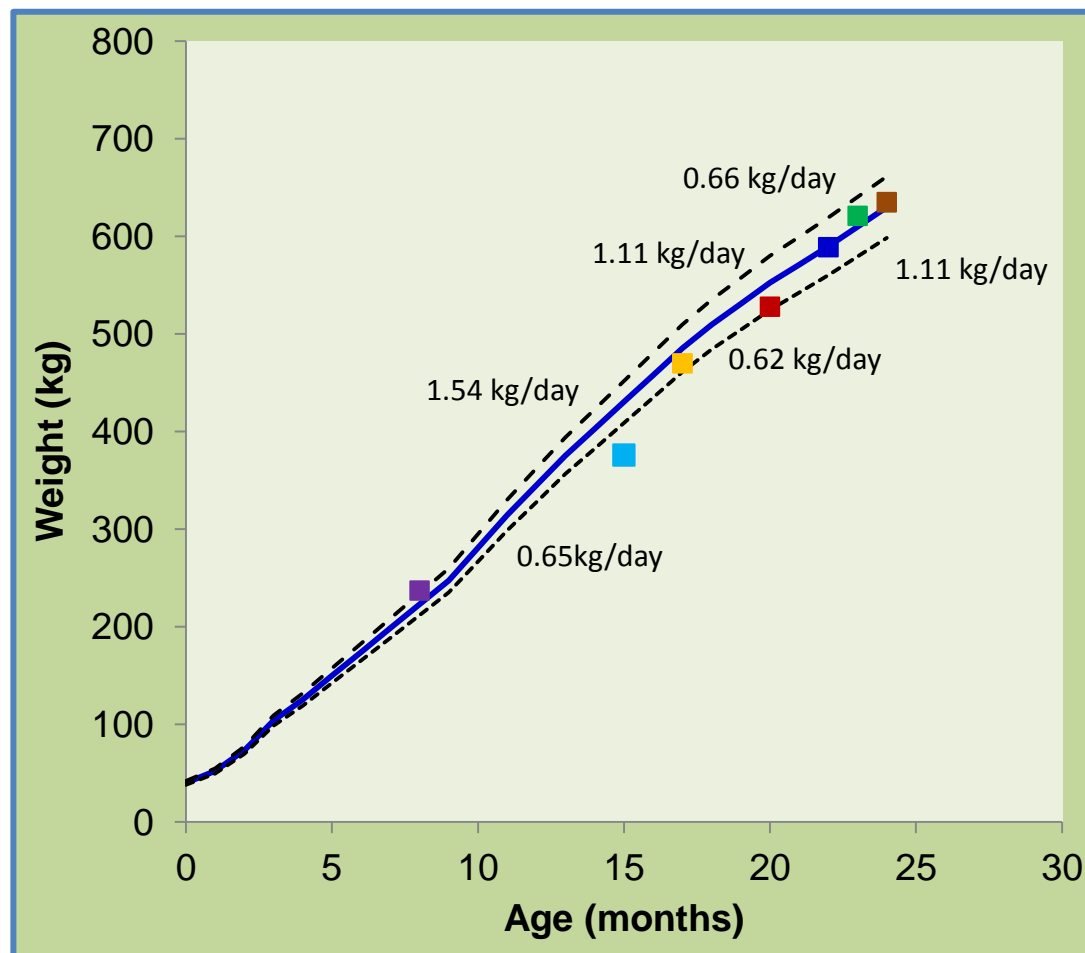
- 1) Purchase price
- 2) Calf mortality
- 3) Animal performance/health
- 4) Feed price
- 5) Beef price

| Sensitivity analysis |       |
|----------------------|-------|
| ± £10/t conc price   | ± £16 |
| ± 10p/kg beef price  | ± £27 |

## Holstein and Beef x Holstein Steers

### SUMMARY

|                                  |       |
|----------------------------------|-------|
| No. of animals                   | 42    |
| Target age at slaughter (months) | 24    |
| Target weight at slaughter (kg)  | 630   |
| Carcass weight (kg)              | 328   |
| Conformation                     | P/O   |
| Fat class                        | 3 / 4 |
| Kill out (%)                     | 51    |
| DLWG required (kg/day)           | 0.81  |
| DLWG achieved (kg/day)           | 0.83  |



## Budget for rearing & finishing Holstein & Beef x Holstein steers

| SUMMARY                       | Quantity          | £/head |
|-------------------------------|-------------------|--------|
| Finished steer                | 328 kg @ £3.11/kg | 1020   |
| Less calf value               |                   | 247    |
| OUTPUT                        |                   | 773    |
| Calf rearing cost to 3 months |                   | 83     |
| Concentrate                   | 0.8 tonne         | 184    |
| Grazing                       | 0.3 ha            | 204    |
| Silage                        | 1.9 tonne (DM)    | 228    |
| Vet/transport/fee             |                   | 35     |
| Total variable cost           |                   | 734    |
| GROSS MARGIN PER HEAD         |                   | 39     |



### Sensitivity analysis

|                           |       |
|---------------------------|-------|
| ± £10/t concentrate price | ± £9  |
| ± 10 p/kg carcass price   | ± £33 |



## Comparison of Holstein and beef cross Holstein steers on medium concentrate system

|                                | Holstein     | Early maturing | Late maturing |              |
|--------------------------------|--------------|----------------|---------------|--------------|
|                                |              | (Angus)        | Belgian Blue  | Limousin     |
| Lifetime carcass gain (kg/day) | 0.39         | 0.41           | 0.41          | 0.43         |
| Carcass weight (kg)            | 322          | 332            | 335           | 349          |
| Kill out %                     | 47.7         | 47.9           | 51.3          | 51.9         |
| Concentrate inputs (t fresh)   | 1.2          | 1.1            | 1.1           | 1.1          |
| <b>Finished steer value</b>    | <b>£1001</b> | <b>£1046</b>   | <b>£1072</b>  | <b>£1117</b> |
| Less calf purchase price       | £123         | £264           | £355          | £355         |
| <b>OUTPUT</b>                  | <b>£878</b>  | <b>£782</b>    | <b>£717</b>   | <b>£762</b>  |
| Production cost                | £803         | £752           | £759          | £767         |
| <b>GROSS MARGIN PER HEAD</b>   | <b>£75</b>   | <b>£30*</b>    | <b>-£42</b>   | <b>-£5</b>   |

| Grass silage 2011 / 12               | Average | Range      |
|--------------------------------------|---------|------------|
| Dry Matter (%)                       | 27.4    | 15 - 55    |
| pH                                   | 4.2     | 3.5 – 5.0  |
| Ammonia (% total N)                  | 8.0     | 5 - 15     |
| Protein (% DM)                       | 11.3    | 7 - 18     |
| ME (MJ/kg DM)                        | 10.8    | 8.3 – 12.3 |
| D-value (% DM)                       | 67      | 52 - 77    |
| HFIS Intake (g/kgW <sup>0.75</sup> ) | 79      | 50 - 105   |

This year the HFIS Service has analysed almost 10,000 grass silage samples, with 1,668 of these requesting a growing cattle or suckler report which relates to 17% of samples compared to 15% in the 2008/09 season

| Silage quality                           | Poor | Average | Good |
|--|------|---------|------|
| ME (MJ/kg DM)                            | 9.8  | 10.8    | 11.5 |
| Protein (% DM)                           | 10.3 | 11.3    | 12.3 |
| D-value (% DM)                           | 61   | 67      | 72   |
| HFIS Intake                              | 70   | 79      | 85   |
| Daily concentrate requirement to obtain: |      |         |      |
| 0.7 kg/day (300 kg steer)                | 2.5  | 1.0     | 0    |
| 1.0 kg/day (500 kg steer)                | 6.0  | 4.0     | 1.5  |

**Message: Producing high quality silage will lower concentrate requirement, lower feed cost and increase gross margin**

**Hillsborough Feeding Information System**  
A Member of the Forage Analysis Assurance Group  
in association with  
**AFBI Hillsborough** 2746

**Grass Silage Analysis Report for Growing Cattle**

Adviser's name & address: Francis Lively, AFBI Hillsborough  
Farmer's name & address: [Blank]  
Co. [Blank]  
Tel:- 552  
e-mail:- francis.lively@afbini.gov.uk  
FAX:- [Blank]

**Sample & analysis details**

|                 |            |             |              |
|-----------------|------------|-------------|--------------|
| Sample no.      | 12-02-1163 | Sample type | Grass Silage |
| Date received   | 9/2/12     | Additive    | None         |
| Date reported   | 20/4/12    | Cut date    | 8/5/11       |
| HFIS no.        | 57.250     | Cut no.     | First        |
| Farmer acc.     |            | Cut system  | Precision    |
| Farmer silo id. |            | Comments    |              |

**Feeding reports requested**

|                |     |
|----------------|-----|
| Dairy cows     |     |
| Suckler cows   |     |
| Breeding ewes  |     |
| Growing lambs  |     |
| Growing cattle | Yes |

**Practical Feeding Information**

|  |      | Comments     | First cut av. 2010 | Range      |
|--|------|--------------|--------------------|------------|
| Dry matter (%) <sup>1 2</sup>          | 25.6 | Good         | 28.7               | 15 to 55   |
| pH <sup>1 2</sup>                      | 4.2  | Satisfactory | 4.2                | 3.5 to 5.0 |
| Ammonia (% total N)                    | 8.0  | Good         | 8.7                | 7 to 15    |
| Protein (% DM) <sup>1 2</sup>          | 12.2 | Satisfactory | 12.3               | 7 to 16    |
| ME (MJ/kg DM) <sup>1 2</sup>           | 10.8 | Average      | 11.0               | 9 to 12    |
| D-value (% DM) <sup>1</sup>            | 67   | Average      | 69                 | 55 to 77   |
| HFIS intake (g/kgW0.75) <sup>1 2</sup> | 79   | Average      |                    | 50 to 105  |

The comments above are for guidance on silage quality only and are not covered by any accreditation system

**Additional Feeding Information**

|   |     |
|---|-----|
| Lactic acid (% DM) <sup>1 2</sup>             | 6.1 |
| PAL (meq/kg DM) <sup>1</sup>                  | 700 |
| Neutral detergent fibre (% DM) <sup>1 2</sup> | 48  |
| Soluble sugars (% DM) <sup>2</sup>            | 2.6 |
| FME (MJ/kg DM)                                | 8.1 |
| Oil (% DM) <sup>2</sup>                       | 3.2 |

**Degradability coefficients & constants**

|            | Solubility <sup>1</sup> | a <sup>1</sup> | b <sup>1</sup> | c <sup>1</sup> |
|------------|-------------------------|----------------|----------------|----------------|
| Dry matter | 23                      | 30             | 53             | 0.05           |
| Protein    | 56                      | 68             | 22             | 0.07           |

Approved by: [Signature]  
Kyla Whiteside - HFIS Services Manager

12-02-1163

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**Hillsborough Feeding Information System**  
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in association with  
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**Growing cattle feeding report**

| Concentrate feed level (kg/day)  | 0    | 2    | 4    | 6    | 8    |
|----------------------------------|------|------|------|------|------|
| Liveweight gain for 300 kg steer | 0.60 | 0.88 | 1.07 | 1.18 | 1.23 |
| Liveweight gain for 500 kg steer | 0.64 | 0.86 | 1.02 | 1.13 | 1.20 |

This information is based on mathematical feeding models developed at AFBI Hillsborough and it is not part of any accreditation scheme.

(The table above is for general guidance only. The performance stated with this silage assumes the following -> A Charolais steer of average condition. The concentrate has a dry matter of 87% and ME of 12.90 MJ/kg DM. To address individual farm situations consult your advisor or you may access the beef model on the intranet on our website afbini.gov.uk/beefmodel)

**Explanation of practical feeding information terms**

HFIS intake indicates the potential intake of the silage and is a measure of its palatability for beef cattle. It is closely related to silage dry matter concentration with a general rule of increasing dry matter concentration leading to increasing intake. Units are grammes of dry matter for each kilogramme of metabolic liveweight.

The dry matter concentration is the quantity of material remaining after all water has been removed from the silage. The value, expressed as a percentage, allows for components which are lost in oven drying e.g. volatile fatty acids. The trend in recent years has been towards higher dry matter silages through wilting and this can have a positive effect on the amount that animals will eat, however when silages are too dry they are more difficult to consolidate causing openness at the silage face resulting in mould growth and heating.

pH is a measure of the acidity of the silage; it gives an indication of the fermentation quality and hence the ability of the silage to store. If the pH is too low there may be problems with reduced intake and the silage may need a buffer, however this is unusual in well preserved silages with dry matter greater than 20%. A high pH value indicates a poor fermentation in low dry matter silages but it is quite common to have a high pH in well preserved silages with higher dry matter concentrations.

Ammonia is expressed as a percentage of the total nitrogen and is a measure of the protein and amino acid breakdown in the silage. It is closely allied with pH and dry matter and again can give a useful indication on the quality of the fermentation. Values greater than 15% can lead to reduced intakes and poor animal performance.

Crude protein concentration directly reflects the quality of the grass at harvest with young, leafy grass giving high protein silage while older stony grass producing low protein silage. Protein levels in grass can drop dramatically from around 20% in early May to less than 7% in early July.

Metabolisable energy (ME) is a measure of the usable energy in the silage. Young leafy grass can have a ME concentration greater 12 MJ/kg DM and this can drop to below 9 MJ/kg DM at the hay stage.

Lactic acid is the primary fermentation product produced at ensiling. It reduces the pH of the silage quickly over a few days post ensiling and acts as a preservative helping prevent undesirable secondary fermentations. In general, the lower the dry matter, the greater the concentration of lactic acid. Drier silages do not need as high a lactic acid concentration to maintain a stable silage.

D-value expresses in percentage terms, the digestible organic matter in the silage and is a measure, like ME, of the usable energy in the silage. In the Republic of Ireland, advisers use DMD or digestible dry matter for similar purposes.

Contact the Hillsborough Feeding Information System at +44 (0)28 9268 1589 - Kyla Whiteside or HFIS lab +44(0)28 9268 1583

12-02-1163

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- ◆ AFBI developing a simple tool to aid growth monitoring
- ◆ Animal list and ages supplied by APHIS
- ◆ Inputted weights automatically plotted against target

## Animal Weights

Animal Type: Dairy Origin Beef - Bulls

Target Age at Slaughter: 16 months

Target Slaughter Weight: 550 kg

| Animal Tag No     | Sex | Breed    | Date of Birth | Age (months) | Weight (kg) |
|-------------------|-----|----------|---------------|--------------|-------------|
| UK 9XXXXXX 2130 5 | M   | Hereford | 24/10/2010    | 10.2         |             |
| UK 9XXXXXX 2131 6 | M   | Hereford | 24/10/2010    | 10.2         |             |
| UK 9XXXXXX 2132 7 | M   | Hereford | 24/10/2010    | 10.2         |             |
| UK 9XXXXXX 2134 2 | M   | Hereford | 26/10/2010    | 10.2         |             |
| UK 9XXXXXX 2135 3 | M   | Hereford | 29/10/2010    | 10.1         |             |
| UK 9XXXXXX 2137 5 | M   | Friesian | 30/10/2010    | 10.0         |             |
| UK 9XXXXXX 2138 6 | M   | Hereford | 31/10/2010    | 10.0         |             |

« Previous Step Get Growth Target Report »

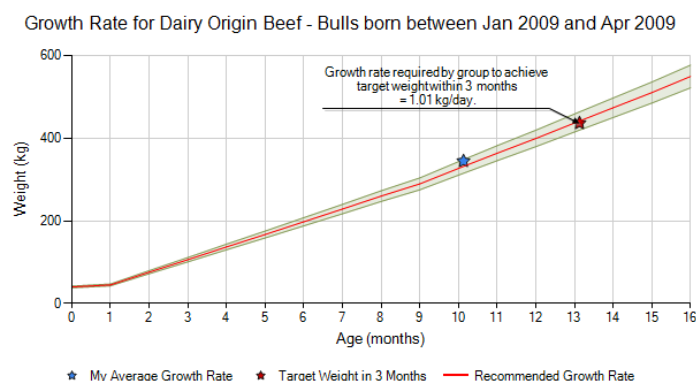
New Report Print Report Download Report

Animal Summary Table

Summary Chart

Individual Animal Chart

## Average Growth Rate Data



## BovIS

Bovine Information System

- ◆ Online GHG monitoring tool
- ◆ Linked with animal counts from APHIS
- ◆ Provides baseline values
  - enabling benchmarking
- ◆ Exploration of mitigation strategies
- ◆ Launch date summer 2012

**Bovine GHG Calculator**

Land & Crop   Livestock   Grazing/Forage   Fertiliser   Organic Manure

**Dairy Land and Crop Details**

Enter details of land controlled (only include land attributable to the dairy enterprise)

Land owned (ha):

Land leased in (ha):

Land Let out (ha):

**Crop details**

| Crop Name                 | Area (ha)            | Yield (Tonnes DM/ha) |
|---------------------------|----------------------|----------------------|
| Grass Pasture             | 34.20                | 11.50                |
| Cereal Crops              | <input type="text"/> | <input type="text"/> |
| Oilseed Rape              | <input type="text"/> | <input type="text"/> |
| Forage Maize              | <input type="text"/> | <input type="text"/> |
| Peas and Beans            | <input type="text"/> | <input type="text"/> |
| Forage Swedes and Turnips | <input type="text"/> | <input type="text"/> |
| Fodder Beet and Mangels   | <input type="text"/> | <input type="text"/> |
| Kale                      | <input type="text"/> | <input type="text"/> |
| Potatoes                  | <input type="text"/> | <input type="text"/> |

[Generate Report](#)

# Bovine Information System (BovIS) – Carcass Benchmarking Tool

### >BovIS Home

[Recent Factory Visits](#)

[Benchmark My Data](#)

### Welcome

Intro text here. Will need to contain explanatory text as to why database contains no data newer than 14 days (i.e., to allow for late changes/fixes in data at abattoir). Also to contain any disclaimers required in relation to the dataset.



#### [Benchmark My Data](#)

Generate reports based on your cattle data and benchmark your data against the top producers.



#### [User Guide](#)

Guide to using the BovIS benchmarking application. Includes a glossary of terms used in the application.



#### [Contact Us](#)

Details on how to contact your local beef adviser.

### Recent Factory Visits

| Kill Date  | Abattoir   | Cattle |                              |
|------------|------------|--------|------------------------------|
| 30/08/2011 | ABP Lurgan | 4      | <a href="#">View Records</a> |
| 19/07/2011 | ABP Lurgan | 3      | <a href="#">View Records</a> |
| 28/06/2011 | ABP Newry  | 16     | <a href="#">View Records</a> |
| 07/06/2011 | ABP Newry  | 16     | <a href="#">View Records</a> |
| 24/05/2011 | ABP Newry  | 16     | <a href="#">View Records</a> |
| 03/05/2011 | ABP Newry  | 16     | <a href="#">View Records</a> |
| 08/04/2011 | ABP Lurgan | 5      | <a href="#">View Records</a> |
| 29/03/2011 | ABP Newry  | 16     | <a href="#">View Records</a> |

(Date Last Accessed: 19/09/2011 16:41:08)

# BovIS - Recent factory visit information

## BovIS - Benchmarking

Current User: Hillsborough

[ [Change Demo User](#) ]

### Recent Factory Visits

[« Return to Slaughter History](#)

### Details of Cattle Slaughtered: 28 June 2011

| Animal Tag         | Date of Birth | Type       | Breed      | Age at Slaughter (months) | Carcass Weight (kg) | Grade | Fat Class | Daily Carcass gain (kg/day) |                          |                           |
|--------------------|---------------|------------|------------|---------------------------|---------------------|-------|-----------|-----------------------------|--------------------------|---------------------------|
| UK 9 390002 8251 2 | 04/02/2010    | Young Bull | Stabiliser | 16.7                      | 418.30              | U-    | 4-        | 0.82                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |
| UK 9 390002 8256 7 | 07/02/2010    | Young Bull | Stabiliser | 16.6                      | 384.40              | U-    | 4-        | 0.76                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |
| UK 9 390002 8265 2 | 01/04/2010    | Young Bull | Stabiliser | 14.9                      | 346.20              | U=    | 3=        | 0.76                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |
| UK 9 390002 7825 3 | 18/03/2010    | Young Bull | Stabiliser | 15.3                      | 335.40              | U-    | 4-        | 0.72                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |
| UK 9 390002 7983 7 | 26/11/2009    | Steer      | Holstein   | 19.0                      | 306.20              | P+    | 3+        | 0.53                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |
| UK 9 390002 7986 3 | 02/12/2009    | Steer      | Holstein   | 18.8                      | 296.20              | P-    | 3=        | 0.52                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |
| UK 9 390002 7974 5 | 17/11/2009    | Steer      | Holstein   | 19.3                      | 293.00              | P+    | 3=        | 0.50                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |
| UK 9 390002 7987 4 | 13/12/2009    | Steer      | Holstein   | 18.4                      | 284.00              | P+    | 3+        | 0.51                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |
| UK 9 390002 8166 1 | 20/01/2010    | Young Bull | Holstein   | 17.2                      | 273.40              | P+    | 3-        | 0.52                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |
| UK 9 332751 2450 5 | 05/02/2010    | Young Bull | Holstein   | 16.7                      | 270.40              | P+    | 3-        | 0.53                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |
| UK 9 390002 7993 3 | 31/12/2009    | Steer      | Holstein   | 17.8                      | 270.10              | O-    | 3=        | 0.50                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |
| UK 9 332751 2435 4 | 21/01/2010    | Young Bull | Holstein   | 17.2                      | 254.40              | P+    | 2=        | 0.49                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |
| UK 9 390002 7984 1 | 28/11/2009    | Steer      | Holstein   | 18.9                      | 254.40              | O=    | 3-        | 0.44                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |
| UK 9 390002 7956 1 | 25/10/2009    | Steer      | Holstein   | 20.0                      | 254.00              | P+    | 2+        | 0.42                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |
| UK 9 390002 7982 6 | 25/11/2009    | Steer      | Holstein   | 19.0                      | 249.70              | P+    | 3=        | 0.43                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |
| UK 9 390002 7989 7 | 09/11/2009    | Steer      | Holstein   | 19.5                      | 249.30              | P=    | 3=        | 0.42                        | <a href="#">View Dam</a> | <a href="#">View Sire</a> |

# BovIS - Benchmarking against another time period within your herd

## BovIS - Benchmarking

Current User: Hillsborough

[ [Change Demo User](#) ]

### Benchmarking Report

Select Breed/Breed Category:

Pure Dairy (23)

[View Report](#)

[Compare Breed](#)

[Compare Date Range](#)

Summary

Conformation

Fatness

Weight

Carcass Gain

Animal Data

### Summary Data

Report Date Range: 01/08/2010 to 31/08/2011

Animal Type: Young Bulls

Breed Category: Pure Dairy

Breed: All "Pure Dairy" Breeds

Animal Count: 23

Carcass Gain Rank: 324 out of 853

### Summary of Your Performance

|                     | Animal Count | Avg Weight (kg) | Avg Fatness | Avg Conformation | Avg Age (mths) | Avg Carcass Gain (kg/day) | In Spec (%) |
|---------------------|--------------|-----------------|-------------|------------------|----------------|---------------------------|-------------|
| My Young Bulls      | 23           | 279.2           | 3-          | O-               | 16.1           | 0.57                      | 0.0         |
| Top 10%             | 591          | 297.4           | 3-          | O=               | 13.7           | 0.73                      | 10.2        |
| All Producers       | 10,802       | 272.4           | 2+          | O=               | 16.7           | 0.55                      | 2.0         |
| My Pure Continental | 7            | 363.1           | 4-          | U-               | 15.6           | 0.76                      | 71.4        |
| Aug 2009 - Aug 2010 | 20           | 283.3           | 3=          | O-               | 16.0           | 0.58                      | 0.5         |



## NOTES

This image shows a full page of white paper with horizontal blue lines. The lines are evenly spaced and run across the width of the page. There are approximately 28 lines in total. The top portion of the page contains more lines than the bottom portion, which appears to be a continuation of the same pattern from another page or a specific layout choice. The lines are a light blue color and have a slight transparency.