

**Teagasc Dairy Beef Programme**  
**November 2016 Update, Johnstown Castle**

**Date:** 5th December 2016

**Grassland Management:**

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- Grazing ground closed, final closing date 15<sup>th</sup> November.

**Animal Performance:**

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**Weanlings**

- Housed 27<sup>nd</sup> October.
- Randomised and penned into their groups of low, medium and high stocking densities.
- Allocated 73 DMD silage ad lib and 2 kg concentrates

Date	Live weight (kg)	Gain kg/day (since previous weighing)
11/10/2016	182.49	0.76
27/10/2016	187.87	0.31
02/11/2016	198.86	-
28/11/2016	211.68 females 223.89 males	0.57

**26 Month Steer System**

- Housed 26<sup>th</sup> October.
- Being fed ad lib silage, approximately 71 DMD.

Date	Live weight (kg)	ADG kg/day (since previous weighing)
26/10/2016	481.89	0.59
29/11/2016	496.78	0.42

**Health:**

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**Weanlings**

- Calves lacking thrive in majority, no apparent reason for this ill-thrift.
- Ring worm quite rampant.
- Calves given Growvit mineral supplement to try alleviate ill-thrift and ring worm issues.
- All calves dosed for fluke, worms and vaccinated for clostridial diseases and IBR (see below).

12/09/16	Bovicox dose
19/09/16	Growvit liquid mineral supplement
16/11/16	Closivet and IBR vaccine
28/11/16	Endofluke dose and Tribovax 10 clostridial vaccine

## Teagasc Dairy Beef Programme

### November 2016 Update, Johnstown Castle

#### 26<sup>th</sup> Month Steer System

- Steers dosed for fluke, worms and vaccinated for clostridial diseases.

<b>23/11/16</b>	Closivet
<b>29/11/16</b>	Endofluke dose, Tribovax 10 vaccine

#### Slaughter Results

##### *Preslaughter*

- I. Animal liveweight taken;
  - Average liveweight of 21 month heifers= 493 kg
  - Average liveweight of 21 month steers= 500 kg
  - Average liveweight of 19 month heifers= 466 kg
- II. Animals were back-fat scanned using an ultrasound scanner (rib, lumbar and rump). Muscle depth also measured. Measurements are in millimetres.
  - 21 month heifers =55.93mm muscle depth, 2.16 rib, 3.14 lumbar and 6.2 rump fat.
  - 21 month steers= 55.31mm muscle depth, 2.08 rib, 2.76 lumbar and 6.4 rump fat.
  - 19 month heifers= 54.4mm muscle depth, 3.0 rib, 4.0 lumbar and 8.1 rump fat.
- III. Skeletal measurements - height at withers, length of back, chest circumference, chest depth and pelvic width.

##### *Slaughter*

- I. Carcass measurements - length of carcass, depth of carcass, leg length, circumference of round, leg width, leg thickness.
- II. Kidney and channel fat collected and weighed.
  - 21 month steers= 6.64 kg
  - 21 month heifers= 7.65 kg
  - 19 month heifers= 7.9 kg
  - Tully steers= 13 kg
- III. Carcass pH and temperatures taken at 2, 4, 6 and 48 hours post kill.

	No. of animals	Date of kill	Age (months)	Carcass weight (kg)	Fat Score	Conf. Score
<b>Johnstown Castle</b>	53 heifers	28/09	18.5	230	3-	O=
<b>Johnstown Castle</b>	48 heifers	08/11	19.5	236	3-	O=
<b>Johnstown Castle</b>	60 steers	15/11	19.7	255	2+/3-	O=
<b>ABP Farm- Tully</b>	50 steers	29/11	20	343	3-	O+

#### This month...

- Vet to visit JC calves, perform blood tests and take dung samples.
- **6/12-** 28 ABP trial farm animals to be killed.