

Beef Output Report

01/01/2015 - 31/12/2015

Herd Owner: SAMPLE
Herd Number: IE1234567
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1. Summary Data

Report calculates how much liveweight was produced from this herd in the selected year. It then breaks this figure down into various KPI's which are detailed in section 2 below. All weights are liveweights.

A. Total Beef Output (Kgs)

Sales - Purchases + Inventory Change, in the selected year **13,521**

B. Total Livestock Units (LU)

Average livestock units in the herd, in the selected year. **32.4**

C. Total Hectares (Ha)

Total hectares available to the cattle enterprise, in the selected year. **20**

2. Key Performance Indicators (KPI's)

A. Beef Output per Livestock Unit. (LU)

Total beef output (13,521) ÷ Total livestock units (32.4)

Your Herd **417 Kgs**

National Average **304 Kgs**

B. Beef Output per Hectare.

Total beef output (13,521) ÷ Total Hectares (20)

Your Herd **676 Kgs**

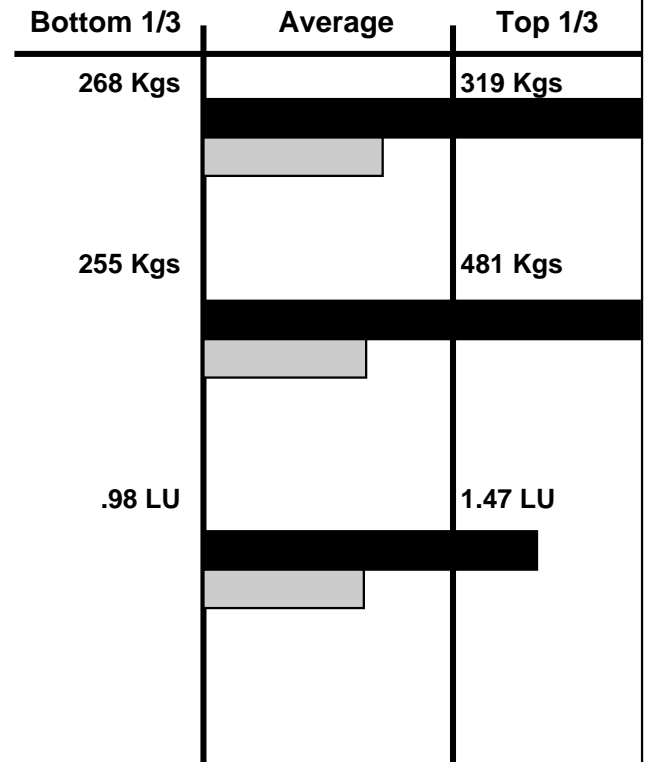
National Average **400 Kgs**

C. Stocking Rate per Hectare.

Total Livestock units (32.4) ÷ Total Hectares (20)

Your Herd **1.62 LU**

National Average **1.29 LU**



Targets

Production System	Beef Output per LU
Suckler to Weanling/Store	300/345
Suckler to Beef	360
Weanling to Beef	485
Store to Beef	345
Calf to Store	500
Calf to Beef	500

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3. Sales

This section gives a breakdown of the stock which was sold from this herd in the selected year.

Animal Type	Number of Animals	Avg. Weight (Kgs)	Total Liveweight Sold (Kgs)*
Suckler Cows	2	928	1,856
Stock Bulls	0	0	0
0-6 Months Male	0	0	0
0-6 Months Female	0	0	0
6-12 Months Male	1	400	400
6-12 Months Female	0	0	0
1-2 Yrs Male	10	737	7,368
1-2 Yrs Female	3	547	1,642
2+ Yrs Male	0	0	0
2+ Yrs Female	1	565	565
Total Sales	17		11,831

4. Purchases

This section gives a breakdown of the stock which was purchased into this herd in the selected year.

Animal Type	Number of Animals	Avg. Weight (Kgs)	Total Liveweight Purchased (Kgs)*
Suckler Cows	0	0	0
Stock Bulls	0	0	0
0-6 Months Male	0	0	0
0-6 Months Female	0	0	0
6-12 Months Male	0	0	0
6-12 Months Female	0	0	0
1-2 Yrs Male	0	0	0
1-2 Yrs Female	0	0	0
2+ Yrs Male	0	0	0
2+ Yrs Female	0	0	0
Total Purchases	0		0

*The liveweight data in the sales and purchases sections is collected by the following methods:

- 1. Mart data:** Most marts send ICBF files with sale weights and prices.
- 2. Slaughter data:** Most factories send ICBF files with carcass grades and weights. Liveweights are then estimated from the carcass weights.
- 3. Farmer recorded weights :** Weights can be recorded manually prior to generating this report for animals which are missing purchase /sale weights or slaughter data.
- 4. Estimated Weights:** Where no liveweight or slaughter data is present in the database for an animal, an estimated weight will be assigned based on the age and breed of that animal.

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5. Inventory Change**

A breakdown of the inventory change for this herd is detailed below.

	Kgs Liveweight
A. Opening Stock (01/01/2015) Total liveweight of all stock in the herd at the start of the selected year	18,060
B. Closing Stock (31/12/2015) Total liveweight of all stock in the herd at the end of the selected year	19,750
C. Inventory Change Closing Stock - Opening Stock = Inventory Change	+1,690

Breakdown of Inventory Change

Animal Type	Animal Numbers			Weights	
	1st Jan	31st Dec	Difference	Avg. Weight	Total (Kgs)
Suckler Cows	13	20	+7	600	+4,200
Stock Bulls	0	0	0	800	0
0-6 Months Male	4	3	-1	120	-120
0-6 Months Female	4	7	+3	120	+360
6-12 Months Male	6	5	-1	350	-350
6-12 Months Female	5	5	0	300	0
1-2 Yrs Male	0	0	0	600	0
1-2 Yrs Female	6	6	0	550	0
2+ Yrs Male	0	0	0	650	0
2+ Yrs Female	4	0	-4	600	-2,400
Total	42	46	+4		+1,690
Inventory Change			+4		+1,690

** Inventory Change Explained:

Inventory change is the difference in stock numbers in a herd, from the start of the year (1st Jan) to the end of the year (31st Dec).

Example:

A herd had an opening stock, on 1st Jan, of 30, 1-2 year old males and a closing stock, on 31st Dec, of 35, 1-2 year old males. The inventory change for 1-2 year old males would, therefore, be +5 as there were 5 more animals in the 1-2 year male category, in the herd, at the end of the year. To get the inventory change in Kgs of liveweight, you simply multiply the number of animals by the average liveweight for animals in that category. See calculation below:

	1st Jan	31st Dec	Difference	Avg. Weight	Total (Kgs)
1-2 Yrs Male	30	35	+5	600	+3,000

If the herd had less animals at the end of the year, then the inventory change would be a minus figure.