

# Bull Beef Systems - Continental Weanlings

## Teagasc Beef Budgets 2016 / 2017

Finishing System	Silage & Meals	All Concentrate and Straw Purchase 320 or 420 kg Weanling	
		6 month finishing	8 month finishing
<b>Purchase Weight October (kg)</b>	<b>320</b>	<b>420</b>	<b>420</b>
Feeding Period Days - First Winter (Total)	230	180	235
Silage Required (t) or Straw @ ~ 1 kg/day	5 tonnes	220	320
Meals - kg/head/day			
- Introduction Period (20 days)	-	4	4
- Finishing Period	4.5	11.5	12
Average Daily Gain in finishing period (kg)	1.25	1.5	1.35
Sale Date (assuming October purchase)	Early June	Mid April	Mid June
<b>Liveweight at Sale (kg)</b>	<b>608</b>	<b>675</b>	<b>725</b>
Carcass Weight (kg)	346	385	421
Purchase Weight	320	420	420
<b>Assumed Purchase Price (€/100kg LW)</b>	<b>242</b>	<b>226</b>	<b>226</b>
<b>Purchase Price (€ / head)</b>	<b>774</b>	<b>949</b>	<b>949</b>
<b>Plus Costs: (€/head)</b>			
Variable Costs (€)	453	563	750
Fixed Costs (€)	135	109	144
<b>Total Costs (€)</b>	<b>588</b>	<b>672</b>	<b>894</b>
<b>Breakeven selling price required (€ per head)</b>	<b>1362</b>	<b>1621</b>	<b>1843</b>
<b>Breakeven selling price required (€ / kg carcass)</b>	<b>3.94</b>	<b>4.21</b>	<b>4.37</b>
<b>EFFECT OF AUTUMN 2016 WEANLING PRICE ON BREAKEVEN PRICE REQUIRED IN 2017</b>			
	<b>Silage &amp; Meals</b>	<b>All Meals</b>	<b>All Meals</b>
<b>Lower Weanling prices Autumn '16</b>			
- € per 100 kg liveweight	232	216	216
- Breakeven price required € / kg carcass	3.84	4.10	4.28
<b>Assumed Weanling Price Autumn '16</b>			
- € per 100 kg liveweight	242	226	226
- Breakeven price required € / kg carcass	3.93	4.21	4.37
<b>Higher Weanling Prices Autumn '16</b>			
- € per 100 kg liveweight	252	236	236
- Breakeven price required € / kg carcass	4.03	4.32	4.48

*Budgets for guidance only - for detailed advice contact your Teagasc adviser.*

## Assumptions

- Very good levels of efficiency with a high average daily gain.
- Meal cost at €245 per tonne.
- Silage quality critical to performance.
  - Well preserved
  - 20% DM
  - 72% DMD
  - Cost of €25 per tonne
- Good animal health – dosing and other health costs at €35 per head.
- Transport and marketing at €40 per head.
- Half the interest cost on feed and animals borrowed at 7%.
- No mortality assumed.
- Selling price required only covers variable and fixed costs and does not include a margin.
- Calculating the selling price required including a margin on finishing:-

$$\frac{\text{MARGIN REQUIRED (€)}}{\text{CARCASE WEIGHT (kg)}} + \frac{\text{BREAKEVEN PRICE REQUIRED}}{1} = \frac{\text{SELLING PRICE REQUIRED}}{1}$$

## Notes

- Secure market outlet required for bulls before commencing system
- Some markets have upper carcass weight and age limits
- High risk system – sensitive to buying & selling price & performance achieved