

# Bull Beef Systems - Continental Weanlings

## Teagasc Beef Budgets 2022 / 2023

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>303</b>	<b>303</b>	<b>303</b>
<b>Purchase Price (€ / head)</b>	<b>970</b>	<b>1273</b>	<b>1273</b>
<b>Plus Costs: (€/head)</b>			
Variable Costs (€)	779	841	1274
Fixed Costs (€)	145	122	162
<b>Total Costs (€)</b>	<b>924</b>	<b>1063</b>	<b>1436</b>
<b>Breakeven selling price required (€ per head)</b>	<b>1894</b>	<b>2336</b>	<b>2709</b>
<b>Breakeven selling price required (€ / kg carcass)</b>	<b>5.47</b>	<b>6.07</b>	<b>6.44</b>
<b>EFFECT OF AUTUMN 2022 WEANLING PRICE ON BREAKEVEN PRICE REQUIRED IN 2023</b>			
	<b>Silage &amp; Meals</b>	<b>All Meals</b>	<b>All Meals</b>
<b>Lower Weanling prices Autumn '22</b>			
- € per 100 kg liveweight	293	293	293
- Breakeven price required € / kg carcass	5.38	5.96	6.34
<b>Assumed Weanling Price Autumn '22</b>			
- € per 100 kg liveweight	303	303	303
- Breakeven price required € / kg carcass	5.47	6.07	6.44
<b>Higher Weanling Prices Autumn '22</b>			
- € per 100 kg liveweight	313	313	313
- Breakeven price required € / kg carcass	5.57	6.18	6.54

*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 €440 per tonne.
- Silage quality critical to performance.
  - Well preserved
  - 20% DM
  - 72% DMD
  - Cost of €50 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:-

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

## 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