

Bull Beef Systems - Continental Weanlings

Teagasc Beef Budgets 2020 / 2021

Finishing System	Silage & Meals	All Concentrate and Straw Purchase 320 or 420 kg Weanling	
		6 month finishing	8 month finishing
Purchase Weight October (kg)	320	420	420
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
Liveweight at Sale (kg)	608	675	725
Carcass Weight (kg)	346	385	421
Purchase Weight	320	420	420
Assumed Purchase Price (€/100kg LW)	264	243	243
Purchase Price (€ / head)	845	1021	1021
Plus Costs: (€/head)			
Variable Costs (€)	472	557	742
Fixed Costs (€)	137	109	146
Total Costs (€)	609	666	888
Breakeven selling price required (€ per head)	1454	1687	1909
Breakeven selling price required (€ / kg carcass)	4.20	4.38	4.53
EFFECT OF AUTUMN 2019 WEANLING PRICE ON BREAKEVEN PRICE REQUIRED IN 2021			
	Silage & Meals	All Meals	All Meals
Lower Weanling prices Autumn '19			
- € per 100 kg liveweight	254	233	233
- Breakeven price required € / kg carcass	4.11	4.28	4.43
Assumed Weanling Price Autumn '19			
- € per 100 kg liveweight	264	243	243
- Breakeven price required € / kg carcass	4.20	4.38	4.53
Higher Weanling Prices Autumn '19			
- € per 100 kg liveweight	274	253	253
- Breakeven price required € / kg carcass	4.30	4.50	4.64

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 €240 per tonne.
- Silage quality critical to performance.
 - Well preserved
 - 20% DM
 - 72% DMD
 - Cost of €30 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:-

$$\begin{array}{rcccl} \text{MARGIN REQUIRED (€)} & & \text{BREAKEVEN} & & \text{SELLING} \\ \hline & + & \text{PRICE} & = & \text{PRICE} \\ \text{CARCASE WEIGHT (kg)} & & \text{REQUIRED} & & \text{REQUIRED} \end{array}$$

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