

Bull Beef Systems - Continental Weanlings

Teagasc Beef Budgets 2018 / 2019

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)	246	224	224
Purchase Price (€/ head)	787	941	941
Plus Costs: (€/head)			
Variable Costs (€)	514	631	843
Fixed Costs (€)	136	110	146
Total Costs (€)	650	741	989
Breakeven selling price required (€/per head)	1437	1682	1930
Breakeven selling price required (€/ kg carcass)	4.15	4.37	4.58
EFFECT OF AUTUMN 2018 WEANLING PRICE ON BREAKEVEN PRICE REQUIRED IN 2019			
	Silage & Meals	All Meals	All Meals
Lower Weanling prices Autumn '18			
- €per 100 kg liveweight	236	214	214
- Breakeven price required €/ kg carcass	4.06	4.26	4.49
Assumed Weanling Price Autumn '18			
- €per 100 kg liveweight	246	224	224
- Breakeven price required €/ kg carcass	4.15	4.37	4.58
Higher Weanling Prices Autumn '18			
- €per 100 kg liveweight	256	249	234
- Breakeven price required €/ kg carcass	4.25	4.48	4.67

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 €280 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 €5 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