

Beef Finishing System

Beef Finishing

- Twice as much feed is required to produce 1kgLW at 600kg v 200kg
- 600 kg animals require 12-14kg feed for 1kgLW
- 200 kg animals require 6-7kg feed for 1kgLW
- Bulls are more efficient meat producer than steers who are more efficient than heifers
- Animals gain more carcass per kgLW in the first 12 weeks than in the second 12 weeks of the finishing period
- Ad lib concentrates finishing system have higher kill out %

Grass Silage Based System

Wean 'n' Build 16% - Grower/Finisher + Yeast
Beefgro Nuts 15% - Grower/Finisher + Yeast

- Concentrate feeding level is dependant on silage quality.
- Every % unit Drop in DMD of Forage requires 1.5kg extra concentrates
- See table below

High Concentrate System

Complete Beef Nuts 15% - Grower/Finisher + Yeast
Fast Finisher Nuts 13% - Specialist Finisher + Yeast

- Build up concentrates gradually
- Ensure a long fibre source is available to the animals
- Precision chop silage is not an adequate fibre source on ad lib systems
- Ensure sufficient fresh water
- Watch cattle to ensure sufficient cud chewing, while resting 75% of cattle should be ruminating
- Lameness, insufficient cud chewing and spiting up cuds are signs of acidosis
- Yeast and bicarb are beneficial

Balancing Cereals

Pro- min 30

Protein Required	14%	15%	16%	18%
Pro- min 30	4:1	3:1	2.5:1	3:2

Feed 33% more Crimp Cereal

Hi protein Balancers

Balancer : Cereal Ratio							
FINAL P%	14%	15%	16%	17%	18%	19%	20%
Balancer							
18% Pro	50:50	2:1	75:25				
20% Pro	40:60	50:50	60:40	70:30	80:20		
22% Pro	1:2	40:60	50:50	60:40	2:1		
25% Pro	25:75	1:2	40:60	45:55	50:50	60:40	2:1
28% Pro	22:78	28:72	1:2	40:60	45:55	50:50	55:45
30% Pro	20:80	25:75	30:70	1:2	40:60	45:55	50:50

Balancing Beet

Energy-wise: 5kg Fodderbeet = 4 kg Sugarbeet = 1kg Barley

Pro- min 30 once a day provides Protein, Minerals and Vitamins

Steers/Heifers : 1.5kg/25kg Fodderbeet with grass silage

Weanlings/Bulls: 1.5kg/12.5kg Fodderbeet with grass silage

Maize Silage

500kg finishing steer gaining 1kg/hd/day

Grass Silage

+5kg Complete Beef Nuts

50:50 Silage mix

+4kg Wean 'n' Build

Bull Feeds

Growing Stage

Wean 'n; Build Nuts 16% - up to 1kg/100kg BW/Day

Complete Beef Nuts 15% - over to 1kg/100kg BW/Day

Finishing Stage

Fast Finisher Nuts 13% - over to 1kg/100kg BW/Day

Weanling Feeds

Grass Silage Based System

Wean 'n' Build, Beefgro nuts, Master Blend

High Concentrate System

Complete Beef Nuts

Energy + Protein Requirements for Weanlings / Finishing

Maintenance + Growth

Every % unit Drop in DMD of Forage requires 1.5kg extra concentrates

Supplementation rates for growing/ finishing cattle

		Silage (DMD %)		
		70%	65%	60%
		LWG/Kg/Day		
Weanlings	0.6	1.2kg	2kg	2.5kg
Finishing	1	5.5kg	7kg	Ad-lib

Concentrate crude protein requirement for weanling and finishing cattle

		Silage (c.p %)		
		10	12	14
		Feeding Rate		
Weanling	2kg	18%	16%	14%
	3kg	16%	14%	12%
Finishing	5kg	14%	12%	10%
	6kg	13%	11%	10%
	7kg	12.5%	11%	10%

UFV Requirements of Fattening Steers Of Beef And Dairy Breeds

ADG						
LW	Intake Capacity	.08	1	1.2	1.4	1.6
Beef Breeds						
600 kg	10.4	8.28	8.99	9.75	10.57	11.46
650 kg	10.9	8.66	9.64	10.51	11.44	12.46
700 kg	11.5	9.46	10.35	11.35	12.44	
Dairy Breeds						
550 kg	10.9	8.1	8.9	9.79	10.77	11.83
600 kg	11.5	8.72	9.64	10.66	11.78	13.00
650 kg	12.1	9.39	10.45	11.64	12.95	
700 kg	12.6	10.14	11.39	12.77	14.32	

