

CALF REARING – Get Ahead 2013

You have decided to make some extra cash by rearing 120 calves over the spring. Before starting, it's important to work out the facts and figures. With the equipment and the assumption sheet given to you, work out the total profits to be made.

Work on the below assumptions:

1. Calves have been contracted to sell at 100kg, it will take 12 weeks for them to reach target weight
2. Calves will be weaned off milk at 8 weeks, in that time they will go through 1 bag of milk powder. One 25kg bag of milk powder costs \$90.50
3. Calves will need 1kg per day of muesli once they have been weaned off milk. Budget on 65c per kg (Same length of time that calves are on muesli).
4. Animal health needs to be taken into consideration
5. Once on pasture each calf will need 2 stock units of grass (average 50c per day / per calf)
6. You paid a one off payment of \$240 for bedding, this will last 8 weeks for all calves while housed
7. You have great contact with Silver Fern Farms for \$410 at 100kg.
8. Prices are GST inclusive

Calf Rearing Economic WORKSHEET

Rearing cost	Unit cost (c)	Total Cost (\$)
Purchase price of calves	\$80.00	\$9,600
Whole milk	\$90.50	\$10,860
Animal health	\$5.00	\$600
Ear tags	\$4.50	\$540
Freight	\$7.50	\$900
Meal	\$18.20	\$2,184
Pasture	\$14.00	\$1,680
Bedding	\$2.00	\$240
De-horning	\$5.00	\$600
Total cost \$/calf	\$226.70	\$27,204
Sale Value	\$410.00	\$49,200
Margin per calf	\$183.30	\$21,996
You need to consider a 3% loss of stock, what is your total income? \$21,336.12		
Total profit	\$21,336.12	

Calf rearing prices: These prices need to be given to the students in some way.
(if you can get pictures or the real thing or the below items, it will help make the module a little more interactive)

Price tags will be on each of the following, priced at:

- Calves -\$80
- Meal - \$36.40
- Animal health- \$5.00
- Ear tag - \$4.50
- Trailer (freight) – \$7.50
- De-budding- \$5.00

Calf Rearing Economic WORKSHEET

Rearing cost	Unit cost (c) per calf	Total Cost (\$)
Purchase price of calves		
Whole milk		
Animal health		
Ear tags		
Freight		
Meal		
Pasture		
Bedding		
De-horning		
Total cost \$/calf		
Sale Value	\$410.00	\$49,200
Profit margin per calf		
You need to consider a 3% loss of stock, what is your total income? \$		
Total profit		