

Finishing Beef Heifers - Two Phase System

100 Heifers

14 DAYS ON HAY/CORN SILAGE	1.00 AVERAGE DAILY GAIN
100 DAYS on 1 ST PHASE	2.50 AVERAGE DAILY GAIN
75 DAYS on 2 ND PHASE	3.50 AVERAGE DAILY GAIN
700 PURCHASE WEIGHT	1227 END WEIGHT
2.0% DEATH LOSS	2.0% SHRINK
	1202 SELLING WEIGHT

ITEM	HEAD	UNIT	PRICE	QUANTITY	TOTAL	Your Farm
1. GROSS RECEIPTS						
Heifers	98 Head	Cwt	\$89.00	1177.96	\$104,838.44	_____
2. TOTAL GROSS RECEIPTS			\$1,048.38 Per Head		\$104,838.44	_____
3. VARIABLE COSTS						
Heifers	100 Head	Cwt	\$97.00	700.00	\$67,900.00	_____
Procurement		Head	\$4.50	100.00	\$450.00	_____
Feed Loss						
Corn Silage	5.0%	Ton	\$45.00	337.14	\$15,171.50	_____
Alfalfa Hay, Bloom	5.0%	Ton	\$180.00	0.00	\$0.00	_____
Mixed Hay, 2nd Cutting	5.0%	Ton	\$150.00	0.00	\$0.00	_____
Grass Hay, Average	10.0%	Ton	\$100.00	3.47	\$346.50	_____
Corn Grain	2.0%	Bushel	\$5.50	3505.45	\$19,279.97	_____
SBOM 48%	2.0%	Ton	\$395.00	12.43	\$4,911.10	_____
Other Feed	5.0%	Ton	\$0.00	0.00	\$0.00	_____
Grinding & Mixing		Cwt	\$1.40	0.00	\$0.00	_____
Mineral w/Bov. or w/Rum.	23.75 Lbs per Head	Cwt	\$26.00	23.75	\$617.50	_____
Vet & Medicine	_____/Head	Head	\$12.24	100	\$1,223.52	_____
Supplies		Head	\$3.00	100	\$300.00	_____
Stockpiled Fescue	_____/Acres per Head	Acre	\$51.00	0	\$0.00	_____
Pasture	_____/Acres per Head	Acre	\$21.00	0	\$0.00	_____
Haul Calves		Head	\$10.00	98	\$980.00	_____
Market Calves	_____/Head	Head	\$24.90	98	\$2,439.77	_____
Building & Fence Repairs		Head	\$4.50	100	\$450.00	_____
Utilities		Head	\$3.29	100	\$329.00	_____
Other,(insurance etc.)	_____/Head	Head	\$28.00	100	\$2,800.00	_____
Machinery (Non-Crop)		Head	\$14.91	100	\$1,491.00	_____
Labor	3.50 Hours per Head	Hours	\$0.00	350	\$0.00	_____
Operating Interest	6 Months	Dollars	8.00%	\$115,270.00	\$4,610.80	_____
4. TOTAL VARIABLE COSTS			\$1,233.01 Per Head		\$123,300.66	_____
5. ANNUAL DEBT PAYMENTS					\$0.00	_____
6. PROJECTED NET RETURN TO EQUITY, MANAGEMENT, & FAMILY LABOR			(\$184.62) Per Head		(\$18,462.22)	_____

7. Price Sensitivity Analysis

		Percent Change in Total Gross Receipts						
		-25%	-10%	-5%	0%	5%	10%	25%
		--- Net Cash Return over Total Variable Costs per Stocker ---						
Percent	-10%	(\$323.42)	(\$166.16)	(\$113.74)	(\$61.32)	(\$8.90)	\$43.52	\$200.77
Change in	-5%	(\$385.07)	(\$227.81)	(\$175.39)	(\$122.97)	(\$70.55)	(\$18.13)	\$139.12
Total Variable	0%	(\$446.72)	(\$289.46)	(\$237.04)	(\$184.62)	(\$132.20)	(\$79.78)	\$77.47
Costs	5%	(\$508.37)	(\$351.11)	(\$298.69)	(\$246.27)	(\$193.85)	(\$141.43)	\$15.82
	10%	(\$570.02)	(\$412.76)	(\$360.34)	(\$307.92)	(\$255.50)	(\$203.08)	(\$45.83)
	25%	(\$754.97)	(\$597.71)	(\$545.29)	(\$492.87)	(\$440.45)	(\$388.04)	(\$230.78)

5% Table Sensitivity Increment

8. FEED RATIONS (AS-FED BASIS)

Feed	Unit	PHASE 1				PHASE 2		Total Quantity (Tons)
		Number Head =	Average Weight =	Days Fed =				
		100	714	14	99	764	40	
					99	839	30	
					99	914	30	
					99	977	25	
					99	1102	50	
Corn Silage	Lbs/Head/Day	33.00	43.00	46.00	49.00	18.00	20.00	321.09
Alfalfa Hay, Bloom	Lbs/Head/Day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mixed Hay, 2nd Cutting	Lbs/Head/Day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grass Hay, Average	Lbs/Head/Day	4.50	0.00	0.00	0.00	0.00	0.00	3.15
Corn Grain	Lbs/Head/Day 56	0.00	4.70	5.00	5.20	18.00	20.00	96.23
SBOM 48%	Lbs/Head/Day	0.00	1.30	1.50	1.60	1.25	1.40	12.19
Other Feed	Lbs/Head/Day	0.00	0.00	0.00	0.00	0.00	0.00	0.00

9. ANNUAL DEBT SERVICE

Item	Amount Borrowed	Percent Interest	Length of Loan	Percent to Beef	Annual Payment
Item Name	0	10.00%	0	100%	\$0.00
Item Name	0	0.00%	0	100%	\$0.00
Item Name	0	0.00%	0	100%	\$0.00

TOTAL ANNUAL DEBT PAYMENTS \$0.00

10. ANIMAL HEALTH PROGRAM

100 Heifers						
Fly Tags		0 Tags @	1.51 /Each			\$0.00
Pour-on De-wormer	700 Lbs	1 ml./100 lbs	62.20 /Liter			\$0.44
Pour-on De-wormer	900 Lbs	1 ml./100 lbs	62.20 /Liter			\$0.56
Pour-on De-licer	Lbs	0 ml./100 lbs	29.17 /Liter			\$0.00
7-way clostridial		2 Dose @	0.56 /Dose			\$1.12
IBR PI3 BVD BRSV		2 Dose @	1.13 /Dose			\$2.26
Implant Heifers		1 Implants @	2.96 / Implant			\$2.96
Strategic Antibiotic Use	10%	3 Dose @	8.00 /Dose			\$24.00
SUB-TOTAL STEERS						\$973.52
Your Farm Veterinarian		1 Trip(s) @	\$250 Per Trip			\$250.00
TOTAL HEALTH COST =						\$1,223.52

Trade and brand names are used only for the purpose of providing information. Virginia Cooperative Extension does not guarantee or warrant the standard of any product named to the exclusion of others which also may be suitable.