

Stocker Steers - Fall to Spring - Corn Silage Ration

100 STEERS

14 DAYS ON HAY & PASTURE 0.25 AVERAGE DAILY GAIN
 166 DAYS ON FEED 1.50 AVERAGE DAILY GAIN
 450 PURCHASE WEIGHT 703 END WEIGHT
 2.0% DEATH LOSS 2.0% SHRINK 688 SELLING WEIGHT

ITEM	HEAD	UNIT	PRICE	QUANTITY	TOTAL	Your Farm
1. GROSS RECEIPTS						
Steers	98 Head	Cwt	\$115.00	674.24	\$77,537.60	_____
2. TOTAL GROSS RECEIPTS				\$775.38 Per Head	\$77,537.60	_____
3. VARIABLE COSTS						
Steers	100 Head	Cwt	\$127.00	450.00	\$57,150.00	_____
Procurement		Head	\$4.50	100.00	\$450.00	_____
Feed Loss						
Corn Silage	5.0%	Ton	\$45.00	314.84	\$14,167.72	_____
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	9.78	\$977.90	_____
Corn Grain	2.0%	Bushel	\$5.50	0.00	\$0.00	_____
SBOM 48%	2.0%	Ton	\$395.00	9.25	\$3,654.30	_____
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.	22.50 Lbs per Head	Cwt	\$26.00	22.50	\$585.00	_____
Vet & Medicine	_____/Head	Head	\$13.40	100	\$1,339.99	_____
Supplies		Head	\$2.00	100	\$200.00	_____
Stockpiled Fescue	_____/Acres per Head	Acre	\$51.00	0	\$0.00	_____
Pasture	0.10 Acres per Head	Acre	\$21.00	10	\$210.00	_____
Haul Calves		Head	\$5.00	98	\$490.00	_____
Market Calves	_____/Head	Head	\$19.32	98	\$1,893.75	_____
Building & Fence Repairs		Head	\$7.20	100	\$720.00	_____
Utilities		Head	\$3.29	100	\$329.00	_____
Other,(insurance etc.)	_____/Head	Head	\$6.75	100	\$675.00	_____
Machinery (Non-Crop)		Head	\$7.20	100	\$720.00	_____
Labor	3.25 Hours per Head	Hours	\$0.00	325	\$0.00	_____
Operating Interest	6 Months	Dollars	6.00%		\$81,179.00	\$2,435.37
4. TOTAL VARIABLE COSTS				\$859.98 Per Head	\$85,998.04	_____
5. ANNUAL DEBT PAYMENTS					\$0.00	_____
6. PROJECTED NET RETURN TO EQUITY, MANAGEMENT, & FAMILY LABOR				(\$84.60) Per Head	(\$8,460.44)	_____

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 Cow ---						
Percent	-10%	(\$192.45)	(\$76.14)	(\$37.38)	\$1.39	\$40.16	\$78.93	\$195.24
Change in	-5%	(\$235.45)	(\$119.14)	(\$80.37)	(\$41.61)	(\$2.84)	\$35.93	\$152.24
Total Variable	0%	(\$278.45)	(\$162.14)	(\$123.37)	(\$84.60)	(\$45.84)	(\$7.07)	\$109.24
Costs	5%	(\$321.45)	(\$205.14)	(\$166.37)	(\$127.60)	(\$88.83)	(\$50.07)	\$66.24
	10%	(\$364.45)	(\$248.14)	(\$209.37)	(\$170.60)	(\$131.83)	(\$93.06)	\$23.24
	25%	(\$493.44)	(\$377.14)	(\$338.37)	(\$299.60)	(\$260.83)	(\$222.06)	(\$105.76)

5% Table Sensitivity Increment

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8. FEED RATIOS (AS-FED BASIS)

Feed	Unit	Number Head =					Additional	Total	
		100	99	99	98	98	Head		
		Average Weight =	454	487	555	623	665	0	Quantity
		Days Fed =	14	45	45	45	31	0	(Tons)
Corn Silage	Lbs/Head/Day	0.00	31.00	35.00	39.00	44.00	0.00	0.00	299.85
Alfalfa Hay, Bloom	Lbs/Head/Day	0.00	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	0.00
Grass Hay, Average	Lbs/Head/Day	12.70	0.00	0.00	0.00	0.00	0.00	0.00	8.89
Corn Grain	Lbs/Head/Day	56 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SBOM 48%	Lbs/Head/Day	0.00	1.40	1.00	1.00	1.00	1.00	0.00	9.07
Other Feed	Lbs/Head/Day	0.00	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 Steers		Unknown Vaccination History			
Fly Tags		0 Tags @	1.51 /Each		\$0.00
Pour-on De-wormer	450 Lbs	1 ml./100 lbs	62.20 /Liter		\$0.28
Pour-on De-wormer	600 Lbs	0 ml./100 lbs	62.20 /Liter		\$0.00
Pour-on De-licer	550 Lbs	3 ml./100 lbs	29.17 /Liter		\$0.03
Clostridium Diseases + Pasteurella		2 Dose @	1.84 /Dose		\$3.67
IBR PI3 BVD BRSV + Lepto		2 Dose @	1.63 /Dose		\$3.26
Selenium		1 Dose @	0.36 /Dose		\$0.36
Implant Steers		2 Implants @	1.25 / Implant		\$2.50
Strategic Antibiotic Use	10%	1 Dose @	8.00 /Dose		\$8.00
SUB-TOTAL STEERS					\$1,089.99
Your Farm Veterinarian		1 Trip(s) @	\$250 Per Trip		\$250.00
TOTAL HEALTH COST =					\$1,339.99

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.