

DAIRY COW - 30000 Lb Production - Corn Silage / Alfalfa Haylage Ration

100 COWS

30000 LBS PRODUCTION PER COW

94 % CONCEPTION RATE

37 % COWS LEAVING HERD ANNUALLY

4.0 % ANNUAL COW DEATH LOSS

ITEM	HEAD	UNIT	PRICE	QUANTITY	TOTAL	Your Farm
1. GROSS RECEIPTS						
Milk		Cwt	\$18.50	30000.00	\$555,000.00	_____
Cull Cows & Heifers	33 @	13.00 Cwt	\$55.00	429.00	\$23,595.00	_____
Bull Calves	_____	Head	\$78.37	47	\$3,683.39	_____
Dairy Heifers & Cows	_____	Head	\$2,000.00	3	\$6,000.00	_____
Cooperative Distributions		Head	\$54.72	100	\$5,472.00	_____
Crop Sales					\$0.00	_____
OTHER					\$0.00	_____
2. TOTAL GROSS RECEIPTS			\$5,937.50 Per Cow		\$593,750.39	_____
3. VARIABLE COSTS						
	Feed Loss					
Corn Silage, KP	8.0%	Ton	\$48.00	1378.60	\$66,172.80	_____
Alfalfa Haylage	8.0%	Ton	\$90.00	329.40	\$29,646.00	_____
Alfalfa Hay	5.0%	Ton	\$180.00	0.00	\$0.00	_____
Orchardgrass Hay	5.0%	Ton	\$140.00	142.64	\$19,969.60	_____
SBOM 48%	2.0%	Ton	\$395.00	103.00	\$40,685.00	_____
Corn Grain	2.0%	Bushel	\$5.50	9999.64	\$54,998.02	_____
Corn Distillers w/ SOL.	2.0%	Ton	\$267.95	62.22	\$16,671.85	_____
Roasted Soybeans	2.0%	Ton	\$445.00	70.00	\$31,150.00	_____
Other Feed	2.0%	Ton	\$0.00	0.00	\$0.00	_____
Other Feed	2.0%	Ton	\$0.00	0.00	\$0.00	_____
Other Feed	2.0%	Ton	\$0.00	0.00	\$0.00	_____
Pasture		Acre	\$21.00	125.00	\$2,625.00	_____
Minerals		Head	\$47.50	100.00	\$4,750.00	_____
Milk Replacer		Cwt	\$110.00	27.00	\$2,970.00	_____
Calf Grower		Cwt	\$28.00	235.00	\$6,580.00	_____
Breeding		Head	\$44.75	100.00	\$4,475.00	_____
Vet & Medicine		Head	\$104.72	100.00	\$10,472.00	_____
Hoof Trimming		Head	\$12.10	100.00	\$1,210.00	_____
Supplies		Head	\$138.92	100.00	\$13,892.00	_____
DHIA		Head	\$20.99	100.00	\$2,099.00	_____
Hauling Milk		Cwt	\$1.02	30000	\$30,600.00	_____
Assessment/Advertising/Etc.		Cwt	\$0.26	30000	\$7,875.00	_____
Market Cull Cattle	_____ \$/Head	Head	\$19.30	33	\$636.90	_____
Building & Fence Repairs		Head	\$47.24	100.00	\$4,723.50	_____
Machinery (Non-Crop)		Head	\$60.00	100.00	\$6,000.00	_____
Utilities		Head	\$87.00	100.00	\$8,700.00	_____
Labor (FTE's)	2.4 42 Cows per	FTE	\$26,912.50	1.40	\$37,677.50	_____
Farm Insurance		Head	\$46.32	100.00	\$4,632.00	_____
Custom Hire		Head	\$90.03	100.00	\$9,003.00	_____
Farm/Land Rent		Head	\$78.44	100.00	\$7,844.00	_____
Taxes		Head	\$37.52	100.00	\$3,752.00	_____
Other Expenses		Head	\$123.82	100.00	\$12,382.00	_____
4. TOTAL VARIABLE COSTS (Excludes Interest)			\$4,421.92 Per Cow		\$442,192.17	_____
5. ANNUAL DEBT PAYMENTS					\$0.00	_____
6. PROJECTED NET RETURN TO EQUITY, MANAGEMENT, & OPERATOR LABOR			\$1,515.58 Per Cow		\$151,558.22	_____

7. Price Sensitivity Analysis

(Excludes Interest)

Percent Change in Total Gross Receipts

		-10%	-4%	-2%	0%	2%	4%	10%
--- Net Cash Return over Total Variable Costs per Cow ---								
	-4%	\$1,098.71	\$1,454.96	\$1,573.71	\$1,692.46	\$1,811.21	\$1,929.96	\$2,286.21
Percent	-2%	\$1,010.27	\$1,366.52	\$1,485.27	\$1,604.02	\$1,722.77	\$1,841.52	\$2,197.77
Change in	0%	\$921.83	\$1,278.08	\$1,396.83	\$1,515.58	\$1,634.33	\$1,753.08	\$2,109.33
Total Variable	2%	\$833.39	\$1,189.64	\$1,308.39	\$1,427.14	\$1,545.89	\$1,664.64	\$2,020.89
Costs	4%	\$744.95	\$1,101.21	\$1,219.96	\$1,338.71	\$1,457.46	\$1,576.21	\$1,932.46
	10%	\$479.64	\$835.89	\$954.64	\$1,073.39	\$1,192.14	\$1,310.89	\$1,667.14

2% Table Sensitivity Increment

8. RATIONS

		Lactating Cows	Lactating Cows	Dry Cows	Bred Heifers	Open Heifers 500-800#	Heifers 300-500#	Total Tons
Number of Head =		100	100	100	40	43	47	
Days Fed =		305	0	60	365	200	134	
	Unit							
Corn Silage, KP	Lbs/Head/Day	52.0	0.0	25.0	37.0	19.0	18.0	1276
Alfalfa Haylage	Lbs/Head/Day	20.0	0.0	0.0	0.0	0.0	0.0	305
Alfalfa Hay	Lbs/Head/Day	0.0	0.0	0.0	0.0	0.0	0.0	0
Orchardgrass Hay	Lbs/Head/Day	0.0	0.0	18.0	5.5	7.5	3.0	136
SBOM 48%	Lbs/Head/Day	4.5	0.0	0.0	3.0	1.7	1.0	101
Corn Grain	Lbs/Head/Day ⁵⁶	18.0	0.0	0.0	0.0	0.0	0.0	275
Corn Distillers w/ SOL	Lbs/Head/Day	4.0	0.0	0.0	0.0	0.0	0.0	61
Roasted Soybeans	Lbs/Head/Day	4.5	0.0	0.0	0.0	0.0	0.0	69
Other Feed	Lbs/Head/Day	0.0	0.0	0.0	0.0	0.0	0.0	0
Other Feed	Lbs/Head/Day	0.0	0.0	0.0	0.0	0.0	0.0	0
Other Feed	Lbs/Head/Day	0.0	0.0	0.0	0.0	0.0	0.0	0

ANNUAL DEBT SERVICE

Item	Amount Borrowed	Percent Interest	Length of Loan	Percent to Dairy	Annual Payment
Bred Heifers	0	0.00%	0	100%	\$0.00
Item Name	0	0.00%	0	100%	\$0.00
Item Name	0	0.00%	0	100%	\$0.00
Item Name	0	0.00%	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

Notes: