

DAIRY COW - 24000 Lb Production - Corn Silage / Barley Silage Ration

100 COWS

24000 LBS PRODUCTION PER COW

94 % CONCEPTION RATE

35 % 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	24000.00	\$444,000.00	_____
Cull Cows & Heifers	31 @	Cwt	\$55.00	403.00	\$22,165.00	_____
Bull Calves	_____	Head	\$78.37	47	\$3,683.39	_____
Dairy Heifers & Cows	_____	Head	\$1,500.00	5	\$7,500.00	_____
Cooperative Distributions		Head	\$54.72	100	\$5,472.00	_____
Crop Sales					\$0.00	_____
OTHER					\$0.00	_____
2. TOTAL GROSS RECEIPTS				\$4,828.20 Per Cow	\$482,820.39	_____
3. VARIABLE COSTS						
	Feed Loss					
Corn Silage, KP	8.0%	Ton	\$48.00	1455.55	\$69,866.40	_____
Barley Silage	8.0%	Ton	\$90.00	97.20	\$8,748.00	_____
Alfalfa Hay	5.0%	Ton	\$180.00	73.76	\$13,276.80	_____
Orchardgrass Hay	5.0%	Ton	\$140.00	142.64	\$19,969.60	_____
SBOM 48%	2.0%	Ton	\$395.00	110.78	\$43,758.10	_____
Corn Grain	2.0%	Bushel	\$5.50	7777.50	\$42,776.25	_____
Corn Distillers w/ SOL.	2.0%	Ton	\$267.95	62.22	\$16,671.85	_____
Roasted Soybeans	2.0%	Ton	\$445.00	46.67	\$20,768.15	_____
Other Feed	2.0%	Ton	\$0.00	0.00	\$0.00	_____
Other Feed	2.0%	Ton	\$0.00	0.00	\$0.00	_____
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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	24000	\$24,480.00	_____
Assessment/Advertising/Etc.		Cwt	\$0.26	24000	\$6,300.00	_____
Market Cull Cattle	_____ \$/Head	Head	\$19.30	31	\$598.30	_____
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)				\$4,110.00 Per Cow	\$411,000.45	_____
5. ANNUAL DEBT PAYMENTS					\$0.00	_____
6. PROJECTED NET RETURN TO EQUITY, MANAGEMENT, & OPERATOR LABOR				\$718.20 Per Cow	\$71,819.94	_____

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%	\$399.78	\$689.47	\$786.04	\$882.60	\$979.16	\$1,075.73	\$1,365.42
Percent	-2%	\$317.58	\$607.27	\$703.84	\$800.40	\$896.96	\$993.53	\$1,283.22
Change in	0%	\$235.38	\$525.07	\$621.64	\$718.20	\$814.76	\$911.33	\$1,201.02
Total Variable	2%	\$153.18	\$442.87	\$539.44	\$636.00	\$732.56	\$829.13	\$1,118.82
Costs	4%	\$70.98	\$360.67	\$457.24	\$553.80	\$650.36	\$746.93	\$1,036.62
	10%	(\$175.62)	\$114.07	\$210.63	\$307.20	\$403.76	\$500.33	\$790.02

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 =		185	120	60	365	200	134	
	Unit							
Corn Silage, KP	Lbs/Head/Day	61.0	50.0	25.0	37.0	19.0	18.0	1348
Barley Silage	Lbs/Head/Day	0.0	15.0	0.0	0.0	0.0	0.0	90
Alfalfa Hay	Lbs/Head/Day	5.0	4.0	0.0	0.0	0.0	0.0	70
Orchardgrass Hay	Lbs/Head/Day	0.0	0.0	18.0	5.5	7.5	3.0	136
SBOM 48%	Lbs/Head/Day	5.0	5.0	0.0	3.0	1.7	1.0	109
Corn Grain	Lbs/Head/Day ⁵⁶	14.0	14.0	0.0	0.0	0.0	0.0	214
Corn Distillers w/ SOL	Lbs/Head/Day	4.0	4.0	0.0	0.0	0.0	0.0	61
Roasted Soybeans	Lbs/Head/Day	3.0	3.0	0.0	0.0	0.0	0.0	46
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: