

DAIRY COW - 24000 Lb Production - Corn Silage / Alfalfa Haylage 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	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	87.44	\$34,538.80	_____
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	54.45	\$24,230.25	_____
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	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)				\$4,091.71 Per Cow	\$409,170.85	_____
5. ANNUAL DEBT PAYMENTS					\$0.00	_____
6. PROJECTED NET RETURN TO EQUITY, MANAGEMENT, & OPERATOR LABOR				\$736.50 Per Cow	\$73,649.54	_____

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%	\$417.34	\$707.04	\$803.60	\$900.16	\$996.73	\$1,093.29	\$1,382.98
Percent	-2%	\$335.51	\$625.20	\$721.77	\$818.33	\$914.89	\$1,011.46	\$1,301.15
Change in	0%	\$253.68	\$543.37	\$639.93	\$736.50	\$833.06	\$929.62	\$1,219.32
Total Variable	2%	\$171.84	\$461.53	\$558.10	\$654.66	\$751.23	\$847.79	\$1,137.48
Costs	4%	\$90.01	\$379.70	\$476.26	\$572.83	\$669.39	\$765.96	\$1,055.65
	10%	(\$155.50)	\$134.20	\$230.76	\$327.32	\$423.89	\$520.45	\$810.14

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	3.5	0.0	0.0	3.0	1.7	1.0	86
Corn Grain	Lbs/Head/Day ⁵⁶	14.0	0.0	0.0	0.0	0.0	0.0	214
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	3.5	0.0	0.0	0.0	0.0	0.0	53
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: