

DAIRY COW - 27000 Lb Production - Corn Silage / Alfalfa Haylage Ration

100 COWS

27000 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	27000.00	\$499,500.00	_____
Cull Cows & Heifers	33 @	Cwt	\$55.00	429.00	\$23,595.00	_____
Bull Calves	_____	Head	\$78.37	47	\$3,683.39	_____
Dairy Heifers & Cows	_____	Head	\$1,700.00	3	\$5,100.00	_____
Cooperative Distributions		Head	\$54.72	100	\$5,472.00	_____
Crop Sales					\$0.00	_____
OTHER					\$0.00	_____
2. TOTAL GROSS RECEIPTS				\$5,373.50 Per Cow	\$537,350.39	_____
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	8888.57	\$48,887.14	_____
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	27000	\$27,540.00	_____
Assessment/Advertising/Etc.		Cwt	\$0.26	27000	\$7,087.50	_____
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)				\$4,253.14 Per Cow	\$425,314.04	_____
5. ANNUAL DEBT PAYMENTS					\$0.00	_____
6. PROJECTED NET RETURN TO EQUITY, MANAGEMENT, & OPERATOR LABOR				\$1,120.36 Per Cow	\$112,036.35	_____

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%	\$753.14	\$1,075.55	\$1,183.02	\$1,290.49	\$1,397.96	\$1,505.43	\$1,827.84
Percent	-2%	\$668.08	\$990.49	\$1,097.96	\$1,205.43	\$1,312.90	\$1,420.37	\$1,742.78
Change in	0%	\$583.01	\$905.42	\$1,012.89	\$1,120.36	\$1,227.83	\$1,335.30	\$1,657.71
Total Variable	2%	\$497.95	\$820.36	\$927.83	\$1,035.30	\$1,142.77	\$1,250.24	\$1,572.65
Costs	4%	\$412.89	\$735.30	\$842.77	\$950.24	\$1,057.71	\$1,165.18	\$1,487.59
	10%	\$157.70	\$480.11	\$587.58	\$695.05	\$802.52	\$909.99	\$1,232.40

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	16.0	0.0	0.0	0.0	0.0	0.0	244
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: