

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2010*

B-1241 (C4)

Dairy Production (with Silage)
North Texas (4)
2010 Projected Costs and Returns per Head

PRODUCTION Description	Quantity	Unit	\$ / Unit	Return
BREEDING HEIFERS	0.200	head	700.0000	140.00
BULL CALVES DAIRY	0.450	head	50.0000	22.50
CULL COWS DAIRY	0.22Hd 13.000	cwt.	44.0000	125.84
HEIFER CALVES DAIRY	0.030	cwt.	120.0000	3.60
MILK	135.000	cwt.	12.5000	1687.50
Total GROSS Income				1979.44

OPERATING INPUT or CUSTOM OPERATION				
Description	Input Use	Unit	\$ / Unit	Cost
BREEDING DAIRY	0.167	head	24.500	4.08
GRAIN MIX	11.160	cwt.	7.900	88.16
HAY	6.500	cwt.	8.000	52.00
MGMT. RECORDS	0.167	head	18.000	3.00
MILK REPLACER	6.667	lb.	0.910	6.07
MISCELLANEOUS DAIRY	1.000	head	15.000	15.00
SALT	0.120	cwt.	5.300	0.64
SORGHUM SILAGE	1.917	ton	25.000	47.92
SUPPLIES DAIRY	0.167	head	34.750	5.79
UTILITIES	0.167	head	40.000	6.67
VET. MEDICINE DAIRY	0.167	head	30.000	5.00
HAULING MILK	22.500	cwt.	0.720	16.20
Fuel				1.70
Lube				0.17
Repair				0.16
Total OPERATING INPUT and CUSTOM OPERATION Costs				252.55

Residual returns to capital, ownership
labor, land, management, and profit 1726.89

CAPITAL INVESTMENT Description	Quantity Invested	Unit	Rate of Return	Cost
Interest - IT Borrowed	16.690	Dol.	0.060	1.00
Interest - OC Borrowed	1.743	Dol.	0.060	0.10
Interest - OC Earned	-768.725	Dol.	0.020	-15.37
Total CAPITAL INVESTMENT Costs				-14.27

Residual returns to ownership, labor,

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land, management, and profit 1741.16
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OWNERSHIP COST Description (Depreciation, Taxes, and Insurance)	Cost
Machinery and Equipment	2.76
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Total OWNERSHIP Costs	2.76

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Residual returns to labor, land, management, and profit 1738.39
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LABOR COST Description	Input Use	Unit	Average Rate	Cost
Machinery and Equipment	0.377	Hr.	5.002	1.88
Other	8.000	Hr.	5.000	40.00
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Total LABOR Costs				41.88

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Residual returns to land, management, and profit 1696.51
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Residual returns to management and profit 1696.51
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Residual returns to profit 1696.51
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Total Projected Cost of Production 282.93

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HEIFER CALVES DAIRY	0.030	cwt.	120.0000	3.60
MILK	135.000	cwt.	12.5000	1687.50

Total GROSS Income 1799.44

VARIABLE COST Description	Total
BREEDING DAIRY	4.08
GRAIN MIX	88.16
HAULING MILK	16.20
HAY	52.00
Interest - Earned	-15.37
Interest - OC Borrowed	0.10
LIVESTOCK LABOR	40.00
MGMT. RECORDS	3.00
MILK REPLACER	6.07
MISCELLANEOUS DAIRY	15.00
SALT	0.64
SORGHUM SILAGE	47.92
SUPPLIES DAIRY	5.79
TRACTOR 40 HP	3.85
UTILITIES	6.67
VET. MEDICINE DAIRY	5.00
WAGON MANURE	0.07

Total VARIABLE COST 279.17

GROSS INCOME minus VARIABLE COST 1700.27

FIXED COST Description	Unit	Total
Machinery and Equipment	Acre	3.77

Total FIXED Cost 3.77

Total of ALL Cost 282.93

NET PROJECTED RETURNS 1696.51

*Information presented is prepared solely as a general guide & not intended to recognize or predict the costs & returns from any one operation.
These projections were collected & developed by TCE staff & approved for publication.*