

Dairy Production (with Silage)
 North Texas (4)
 2009 Projected Cost 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.	3.000	19.50	
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					1.77	
Lube					0.18	
Repair					0.16	
Total OPERATING INPUT and CUSTOM OPERATION Costs					220.14	
Residual returns to capital, ownership labor, land, management, and profit					1759.30	
CAPITAL INVESTMENT Description		Quantity Invested	Unit	Rate of Return	Cost	
Interest - IT Borrowed		16.690	Dol.	0.060	1.00	
Interest - OC Borrowed		1.522	Dol.	0.060	0.09	
Interest - OC Earned		-798.210	Dol.	0.020	-15.96	
Total CAPITAL INVESTMENT Costs					-14.87	
Residual returns to ownership, labor, land, management, and profit					1774.18	
OWNERSHIP COST Description (Depreciation, Taxes, and Insurance)					Cost	
Machinery and Equipment					2.76	
Total OWNERSHIP Costs					2.76	
Residual returns to labor, land, management, and profit					1771.41	
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	
Total LABOR Costs					41.88	
Residual returns to land, management, and profit					1729.53	
Residual returns to management and profit					1729.53	
Residual returns to profit					1729.53	
Total Projected Cost of Production					249.91	

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2009*

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GROSS INCOME Description	Quantity	Unit	\$ / Unit	Total
=====	=====	=====	=====	=====
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
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				19.50
Interest - Earned				-15.96
Interest - OC Borrowed				0.09
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				3.93
UTILITIES				6.67
VET. MEDICINE DAIRY				5.00
WAGON MANURE				0.07
				=====
Total VARIABLE COST				246.15
GROSS INCOME minus VARIABLE COST				1733.29
FIXED COST Description			Unit	Total
=====			=====	=====
Machinery and Equipment			Acre	3.77
				=====
Total FIXED Cost				3.77
Total of ALL Cost				249.91
NET PROJECTED RETURNS				1729.53

*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.*