

*Projections for Planning Purposes Only  
Not to be Used without Updating after October 15, 2003*

**Dairy Production (without Silage)  
North Texas (4)  
2004 Projected Costs and Returns per Head**

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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	0.333	head	24.500	8.17
GRAIN MIX	22.240	cwt.	7.900	175.70
HAY	37.000	cwt.	3.000	111.00
MGMT. RECORDS	0.333	head	18.000	6.00
MILK REPLACER	13.333	lb.	0.910	12.13
MISCELLANEOUS DAIRY	1.000	head	15.000	15.00
PASTURE DAIRY	0.500	acre	20.000	10.00
SALT	0.240	cwt.	5.300	1.27
SUPPLIES DAIRY	0.333	head	34.750	11.58
UTILITIES	0.333	head	40.000	13.33
VET. MEDICINE DAIRY	0.333	head	30.000	10.00
HAULING MILK	33.750	cwt.	0.720	24.30
Fuel				1.64
Lube				0.16
Repair				0.32
				=====
Total OPERATING INPUT and CUSTOM OPERATION Costs				400.60
=====				
Residual returns to capital, ownership labor, land, management, and profit				1578.84
=====				
CAPITAL INVESTMENT Description	Quantity Invested	Unit	Rate of Return	Cost
Interest - IT Borrowed	33.387	Dol.	0.090	3.00
Interest - OC Borrowed	1.436	Dol.	0.090	0.13
Interest - OC Earned	-659.327	Dol.	0.045	-29.67
				=====
Total CAPITAL INVESTMENT Costs				-26.54
=====				
Residual returns to ownership, labor, land, management, and profit				1605.37
=====				
OWNERSHIP COST Description (Depreciation, Taxes, and Insurance)				Cost
Machinery and Equipment				5.53
				=====
Total OWNERSHIP Costs				5.53
=====				
Residual returns to labor, land, management, and profit				1599.84
=====				
LABOR COST Description	Input Use	Unit	Average Rate	Cost
Machinery and Equipment	0.754	Hr.	5.002	3.77
Other	16.000	Hr.	5.000	80.00
				=====
Total LABOR Costs				83.77
=====				
Residual returns to land, management, and profit				1516.08
=====				
LAND COST Description	Input Use	Unit	Rate of Return	Cost
PASTURE RENT DAIRY Annual Lease	0.500	Acre	2.000	1.00
				=====
Total LAND Costs				1.00
=====				
Residual returns to management and profit				1515.08
=====				
Residual returns to profit				1515.08
=====				
Total Projected Cost of Production				464.36
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**Dairy Production (without Silage)  
North Texas (4)  
2004 Projected Costs**

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	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
VARIABLE COST Description =====				Total =====
BREEDING DAIRY				8.17
GRAIN MIX				175.70
HAULING MILK				24.30
HAY				111.00
Interest - Earned				-29.67
Interest - OC Borrowed				0.13
LIVESTOCK LABOR				80.00
MGMT. RECORDS				6.00
MILK REPLACER				12.13
MISCELLANEOUS DAIRY				15.00
PASTURE DAIRY				10.00
SALT				1.27
SUPPLIES DAIRY				11.58
TRACTOR 40 HP				5.76
UTILITIES				13.33
VET. MEDICINE DAIRY				10.00
WAGON MANURE				0.13
				=====
Total VARIABLE COST				454.83
GROSS INCOME minus VARIABLE COST				1524.61
FIXED COST Description =====			Total =====	
Machinery and Equipment		Unit =====		
Land		Acre	8.53	
		Acre	1.00	
			=====	
Total FIXED Cost			9.53	
Total of ALL Cost				464.36
NET PROJECTED RETURNS				1515.08