

Dairy Production (with Silage)
North Texas (4)
2002 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. | 49.0000 | 140.14 |
| HEIFER CALVES DAIRY | 0.030 | cwt. | 120.0000 | 3.60 |
| MILK | 135.000 | cwt. | 12.5000 | 1687.50 |
| | | | | ===== |
| Total GROSS Income | | | | 1993.74 |
| ===== | | | | |
| 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 | | | | 0.99 |
| Lube | | | | 0.10 |
| Repair | | | | 0.16 |
| | | | | ===== |
| Total OPERATING INPUT and CUSTOM OPERATION Costs | | | | 219.27 |
| ===== | | | | |
| Residual returns to capital, ownership labor, land, management, and profit | | | | 1774.47 |
| ===== | | | | |
| CAPITAL INVESTMENT Description | Quantity Invested | Unit | Rate of Return | Cost |
| Interest - IT Borrowed | 16.693 | Dol. | 0.090 | 1.50 |
| Interest - OC Borrowed | 1.519 | Dol. | 0.090 | 0.14 |
| Interest - OC Earned | -811.040 | Dol. | 0.045 | -36.50 |
| | | | | ===== |
| Total CAPITAL INVESTMENT Costs | | | | -34.86 |
| ===== | | | | |
| Residual returns to ownership, labor, land, management, and profit | | | | 1809.33 |
| ===== | | | | |
| 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 | | | | 1806.56 |
| ===== | | | | |
| 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 | | | | 1764.68 |
| ===== | | | | |
| Residual returns to management and profit | | | | 1764.68 |
| ===== | | | | |
| Residual returns to profit | | | | 1764.68 |
| ===== | | | | |
| Total Projected Cost of Production | | | | 229.06 |

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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. | 49.0000 | 140.14 |
| HEIFER CALVES DAIRY | 0.030 | cwt. | 120.0000 | 3.60 |
| MILK | 135.000 | cwt. | 12.5000 | 1687.50 |
| | | | | ===== |
| Total GROSS Income | | | | 1993.74 |
| | | | | |
| VARIABLE COST Description ===== | | | | Total ===== |
| BREEDING DAIRY | | | | 4.08 |
| GRAIN MIX | | | | 88.16 |
| HAULING MILK | | | | 16.20 |
| HAY | | | | 19.50 |
| Interest - Earned | | | | -36.50 |
| Interest - OC Borrowed | | | | 0.14 |
| 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 | | | | 3.06 |
| UTILITIES | | | | 6.67 |
| VET. MEDICINE DAIRY | | | | 5.00 |
| WAGON MANURE | | | | 0.07 |
| | | | | ===== |
| Total VARIABLE COST | | | | 224.80 |
| | | | | |
| GROSS INCOME minus VARIABLE COST | | | | 1768.94 |
| | | | | |
| FIXED COST Description ===== | | | Unit ===== | Total ===== |
| Machinery and Equipment | | | Acre | 4.27 |
| | | | | ===== |
| Total FIXED Cost | | | | 4.27 |
| | | | | |
| Total of ALL Cost | | | | 229.06 |
| | | | | |
| NET PROJECTED RETURNS | | | | 1764.68 |