

DAIRY PRODUCTION TEXAS CROSS TIMBERS REGION
1983 PROJECTED COSTS AND RETURNS PER COW
WITHOUT SILAGE

INVESTMENT REQUIREMENTS				PROJECTED		YOUR	
	NUMBER	UNIT	SIZE	\$/UNIT	VALUE	ESTIMATE	
DAIRY BULL PUR	0.03	HEAD	1.00	1250.00	41.25	_____	
DAIRY COW RAISED	0.60	HEAD	1.00	1250.00	750.00	_____	
DAIRY COW PURCH	0.40	HEAD	1.00	978.12	391.25	_____	
DAIRY HEIFER RAI	0.15	HEAD	1.00	800.00	120.00	_____	
TOTAL LIVESTOCK INVESTMENT					\$ 1302.50	\$ _____	
PRODUCTION				PROJECTED			
	NUMBER	WGT. EACH	TOTAL UNITS	UNIT	\$/UNIT	RETURN	
MILK	135.00	1.00	135.0	CWT.	14.30	1930.50	
BULL CALVES	0.43	1.00	0.4	HEAD	100.00	43.00	
BREEDING HEIFERS	0.22	1.00	0.2	HEAD	650.00	143.00	
CULL DAIRY COWS	0.22	13.00	2.9	CWT.	40.00	114.40	
HEIFER CALVES	0.02	1.00	0.0	HEAD	110.00	2.20	
BULL	0.01	1.00	0.0	HEAD	1500.00	15.00	
TOTAL PROJECTED RETURNS					\$ 2248.10	\$ _____	
OPERATING INPUTS				PROJECTED			
		INPUT USE	UNIT	\$/UNIT	COST		
GRAIN MIX		66.40	CWT.	7.50	498.00	_____	
HAY		111.00	CWT.	3.75	416.25	_____	
VET MEDICINE		1.00	HEAD	35.00	35.00	_____	
BREEDING		1.00	HEAD	24.50	24.50	_____	
SUPPLIES		1.00	HEAD	34.75	34.75	_____	
MGMT RECORDS		1.00	HEAD	18.00	18.00	_____	
UTILITIES		1.00	HEAD	40.00	40.00	_____	
HAULING		135.00	CWT.	0.78	105.30	_____	
SALT		0.72	CWT.	4.75	3.42	_____	
MILK REPLACER		40.00	LB.	0.53	21.20	_____	
MISC EXPENSE		1.00	HEAD	16.00	16.00	_____	
SALES COMM		1.00	HEAD	8.24	8.24	_____	
EQUIPMENT FUEL AND LUBE					12.25	_____	
EQUIPMENT REPAIR					6.77	_____	
TOTAL OPERATING COST					\$ 1239.67	\$ _____	
RESIDUAL RETURNS TO LAND, LABOR, CAPITAL, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 1008.43	\$ _____	
CAPITAL INVESTMENT				QUANTITY	UNIT	RATE OF	PROJECTED
				INVESTED		RETURN	COST
ANNUAL OPERATING CAPITAL				-585.04	DOL.	0.155	-90.68
EQUIPMENT INVESTMENT				879.74	DOL.	0.155	136.36
LIVESTOCK INVESTMENT				1302.50	DOL.	0.155	201.89
TOTAL CAPITAL COST							\$ 247.57
RESIDUAL RETURNS TO LAND, LABOR, OWNERSHIP, MANAGEMENT, AND PROFIT					\$ 760.86	\$ _____	
OWNERSHIP COSTS (DEPRECIATION, TAXES, AND INSURANCE)				PROJECTED			
					COST		
EQUIPMENT					135.00	_____	
LIVESTOCK					100.29	_____	
TOTAL OWNERSHIP COST					\$ 235.29	\$ _____	
RESIDUAL RETURNS TO LAND, LABOR, MANAGEMENT, AND PROFIT					\$ 525.57	\$ _____	
OPERATOR LABOR COSTS				LABOR USE	UNIT	RATE OF	PROJECTED
						RETURN	COST
EQUIPMENT				4.90	HOUR	5.00	24.50
LIVESTOCK				47.60	HOUR	5.00	238.00
TOTAL LABOR COST							\$ 262.50
RESIDUAL RETURNS TO LAND, MANAGEMENT, AND PROFIT					\$ 263.07	\$ _____	
LAND COSTS				INPUT USE	UNIT	RATE OF	PROJECTED
						RETURN	COST
PASTURE RENT				1.75	ACRE	8.00	14.00
TOTAL LAND COST							\$ 14.00
RESIDUAL RETURNS TO MANAGEMENT AND PROFIT					\$ 249.07	\$ _____	
TOTAL PROJECTED COST OF PRODUCTION					\$ 1999.02	\$ _____	

100 COW DAIRY, 13500 LBS. PRODUCTION PER COW, BARN IS DOUBLE 6 HERRINGBONE, FEEDING OUTSIDE MILKING PARLOR, 25% REPLACEMENT.

INFORMATION PRESENTED IS PREPARED SOLELY AS A GENERAL GUIDE AND IS NOT INTENDED TO RECOGNIZE OR PREDICT THE COSTS AND RETURNS FROM ANY ONE PARTICULAR FARM OR RANCH OPERATION. THESE PROJECTIONS WERE COLLECTED AND DEVELOPED BY STAFF MEMBERS OF THE TEXAS AGRICULTURAL EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

