IRRIGATION EQUIPMENT
APRIL 8, 1989

DESCRIPTION	BOWLS	DIST. SYS.	DIST. SYS.	MAINLINE	POWER PLANT	POWER PLANT
FIRST NAME	BOWLS	CENTER PIVOT	DRIP SYSTEM	MAINLINE	ELECTRIC	NATURAL GAS
QUALIFYING NAME						
HORSEPOWER RATING (HP)					20	55
FUEL TYPE					EL	NG
FUEL CON. (UNIT/HR OR /MI)						1.42
USEFULL LIFE (HR)	16000	10	8	10	720	20000
REMAINING LIFE (HR)	16000	10	8	10	720	20000
EFFICIENCY (%)					91	25
HIRED LABOR PER SET (HR)	NA	12.5	2.25	NA	NA	NA
OWNER LABOR PER SET (HR)	NA	.2		NA	NA	NA
NUMBER OF SETS	NA	29	100	NA	NA	NA
CURRENT LIST PRICE ($)	1000	60000	7000	3300	1000	3500
SALVAGE PERCENT (%)	10	10	10	10	10	10
CURRENT MARKET VALUE ($)	1000	60000	7000	3300	1000	3500
LEASE PAYMENT ($)						
ON FARM HIRED LABOR (HR)	7	50				10
OFF FARM PARTS & LABOR ($)		1500		16.5		115
ON FARM OWNER LABOR (HR)	5	50				2
ANNUAL USE BASE (HR)	3800	3800		3800		3800
R & M ENG. ESTIMATE (%)	6.0	2	2	.5	1.5	5.5
R & M CALC. (#1,#2)	2	2	2	2	2	2
LEASE CALC. (HOUR,YEAR)						
FUEL USE (DEF.,CALC.)					D	D

DESCRIPTION	PUMP	PUMP	COL.,PIPE,SHAFT	DISCHARGE HEAD	GEAR DRIVE	WATER SOURCE
FIRST NAME	CENT PUMP & FILT	SUBMERSIBLE PUMP	COLUMN	DISCHARGE	RIGHT ANGLE	WELL
QUALIFYING NAME						
HORSEPOWER RATING (HP)						
FUEL TYPE						
FUEL CON. (UNIT/HR OR /MI)						
USEFULL LIFE (HR)	288	720	25000	25000	25000	15
REMAINING LIFE (HR)	288	720	25000	25000	25000	15
EFFICIENCY (%)	100	70		75	95.0	
HIRED LABOR PER SET (HR)	NA	NA	NA	NA	NA	NA
OWNER LABOR PER SET (HR)	NA	NA	NA	NA	NA	NA
NUMBER OF SETS	NA	NA	NA	NA	NA	NA
CURRENT LIST PRICE ($)	500	700	1000	7000	1000	7500
SALVAGE PERCENT (%)				10	10	
CURRENT MARKET VALUE ($)	500	700	1000	7000	1000	7500
LEASE PAYMENT ($)						
ON FARM HIRED LABOR (HR)			5	20	7	1
OFF FARM PARTS & LABOR ($)			15	150		12.5
ON FARM OWNER LABOR (HR)				20	5	2
ANNUAL USE BASE (HR)			3800	3800	3800	3800
R & M ENG. ESTIMATE (%)	4.0	4.0	4	6	6.0	.5
R & M CALC. (#1,#2)	2	2	2	2	2	2
LEASE CALC. (HOUR,YEAR)						
FUEL USE (DEF.,CALC.)						

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.

DESCRIPTION	WATER SOURCE						
FIRST NAME	WELL & RESERVOIR						
QUALIFYING NAME							
HORSEPOWER RATING (HP)							
FUEL TYPE							
FUEL CON. (UNIT/HR OR /MI)							
USEFULL LIFE (HR)	20						
REMAINING LIFE (HR)	20						
EFFICIENCY (%)							
HIRED LABOR PER SET (HR)	NA						
OWNER LABOR PER SET (HR)	NA						
NUMBER OF SETS	NA						
CURRENT LIST PRICE ($)	4350						
SALVAGE PERCENT (%)							
CURRENT MARKET VALUE ($)	4350						
LEASE PAYMENT ($)							
ON FARM HIRED LABOR (HR)							
OFF FARM PARTS & LABOR ($)							
ON FARM OWNER LABOR (HR)							
ANNUAL USE BASE (HR)							
R & M ENG. ESTIMATE (%)	.5						
R & M CALC. (#1,#2)	2						
LEASE CALC. (HOUR,YEAR)							
FUEL USE (DEF.,CALC.)							

MACHINERY COST REPORT
APRIL 8, 1989

RESOURCE NAME		UNIT	VARIABLE EXPENSES							FIXED EXPENSES			TOTAL
			FUEL & LUBE	OPER. & MANAGE. LABOR	OPER. INPUT	CUSTOM OPER.	REPAIR & MAINT. OFF FARM	REPAIR & MAINT. LABOR	HOURLY LEASE	DEPREC. & INTEREST	ANNUAL LEASE	TAXES, LICENSE & INSUR.	EXPENSES
TRACTOR	100 HP	$/HR	3.385	0.000	0.000	0.000	1.094	0.000	0.000	6.470	0.000	0.411	11.360
TRACTOR	125 HP	$/HR	4.231	0.000	0.000	0.000	1.092	0.000	0.000	11.452	0.000	0.728	17.503
TRACTOR	150 HP	$/HR	5.078	0.000	0.000	0.000	1.146	0.000	0.000	15.821	0.000	1.006	23.051
TRACTOR	40 HP	$/HR	1.354	0.000	0.000	0.000	0.252	0.000	0.000	5.728	0.000	0.364	7.698
TRACTOR	50 HP	$/HR	1.692	0.000	0.000	0.000	0.252	0.000	0.000	4.927	0.000	0.313	7.184
TRACTOR	75 HP	$/HR	2.539	0.000	0.000	0.000	0.534	0.000	0.000	6.289	0.000	0.400	9.761
ANHYDROUS RIG		$/HR	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.003
CHISEL	12 FT	$/HR	0.000	0.000	0.000	0.000	0.279	0.000	0.000	16.117	0.000	1.125	17.520
COMBINE	PEANUT	$/HR	0.000	0.000	0.000	0.000	2.247	0.000	0.000	24.374	0.000	1.350	27.971
CULTIVATOR	ROLLING	$/HR	0.000	0.000	0.000	0.000	0.590	0.000	0.000	1.720	0.000	0.120	2.429
DIGGER	PEANUT	$/HR	0.000	0.000	0.000	0.000	0.288	0.000	0.000	4.868	0.000	0.340	5.496
DISC-OFFSET	14 FT	$/HR	0.000	0.000	0.000	0.000	1.853	0.000	0.000	5.372	0.000	0.375	7.600
DISC-TANDEM	13 FT	$/HR	0.000	0.000	0.000	0.000	0.953	0.000	0.000	6.805	0.000	0.475	8.233
DISC-TANDEM	20 FT	$/HR	0.000	0.000	0.000	0.000	2.857	0.000	0.000	5.889	0.000	0.370	9.116
DISC-TANDEM	9 FT	$/HR	0.000	0.000	0.000	0.000	0.445	0.000	0.000	1.289	0.000	0.090	1.824
DISC/BEDDER	12 FT	$/HR	0.000	0.000	0.000	0.000	0.468	0.000	0.000	10.881	0.000	0.760	12.109
DRILL	15 FT	$/HR	0.000	0.000	0.000	0.000	1.423	0.000	0.000	5.927	0.000	0.414	7.764
DRILL	GRAIN	$/HR	0.000	0.000	0.000	0.000	1.191	0.000	0.000	5.014	0.000	0.350	6.555
DRY FERT. RIG		$/HR	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.003
FERT. SPREADER		$/HR	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.002
LIQUID FERT. RIG		$/HR	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.001
MOLDBOARD PLOW		$/HR	0.000	0.000	0.000	0.000	0.819	0.000	0.000	4.786	0.000	0.333	5.938
PLANTER	4 ROW	$/HR	0.000	0.000	0.000	0.000	0.645	0.000	0.000	14.508	0.000	1.013	16.166
PLANTER	8 ROW	$/HR	0.000	0.000	0.000	0.000	1.630	0.000	0.000	24.520	0.000	1.713	27.862
ROLLER		$/HR	0.000	0.000	0.000	0.000	0.060	0.000	0.000	2.577	0.000	0.180	2.817
SHREDDER	10.5 FT	$/HR	0.000	0.000	0.000	0.000	0.763	0.000	0.000	10.028	0.000	0.700	11.491
SHREDDER	5 FT	$/HR	0.000	0.000	0.000	0.000	0.185	0.000	0.000	2.435	0.000	0.170	2.791
SPRAYER		$/HR	0.000	0.000	0.000	0.000	0.915	0.000	0.000	2.985	0.000	0.208	4.108
SPRAYER	AIRBLAST	$/HR	0.000	0.000	0.000	0.000	1.820	0.000	0.000	11.461	0.000	0.800	14.080
SPRAYER	ORCHARD	$/HR	0.000	0.000	0.000	0.000	0.414	0.000	0.000	1.459	0.000	0.107	1.979
TRAILER	FLATBED3	$/HR	0.000	0.000	0.000	0.000	1.000	0.000	0.000	32.047	0.000	2.727	35.775
TRAILER	FLATBED4	$/HR	0.000	0.000	0.000	0.000	1.000	0.000	0.000	8.220	0.000	0.458	9.678
WAGON	MANURE	$/HR	0.000	0.000	0.000	0.000	0.234	0.000	0.000	7.156	0.000	0.350	7.740
BULK MILK COOLER		$/HR	0.000	0.000	0.000	0.000	62.500	0.000	0.000	2307.375	0.000	125.000	2494.875
COOLER	STORAGE	$/HR	0.062	0.000	0.000	0.000	0.000	0.000	0.000	0.219	0.000	0.013	0.293
DIGGER/WAGON	SILAGE	$/HR	0.000	0.000	0.000	0.000	55.000	0.000	0.000	2197.249	0.000	110.000	2362.249
FEED MILL		$/HR	0.000	0.000	0.000	0.000	70.000	0.000	0.000	2796.499	0.000	140.000	3006.499
FEED SYSTEM		$/HR	0.000	0.000	0.000	0.000	9.000	0.000	0.000	895.879	0.000	44.850	949.729
FEEDER	MECHANIC	$/HR	0.000	0.000	0.000	0.000	32.500	0.000	0.000	1298.375	0.000	65.000	1395.875
FEEDERS	HOG	$/HR	0.000	0.000	0.000	0.000	4.500	0.000	0.000	66.263	0.000	2.250	73.013
HAY RACKS		$/HR	0.000	0.000	0.000	0.000	5.500	0.000	0.000	549.312	0.000	27.500	582.312
MANURE SYSTEM		$/HR	0.000	0.000	0.000	0.000	19.000	0.000	0.000	1877.650	0.000	94.000	1990.650
MILKING EQUIP.		$/HR	0.000	0.000	0.000	0.000	125.000	0.000	0.000	4501.919	0.000	249.000	4875.919
MILKING STALLS		$/HR	0.000	0.000	0.000	0.000	70.000	0.000	0.000	2546.567	0.000	140.850	2757.417
MINERAL FEEDER		$/HR	0.000	0.000	0.000	0.000	0.000	0.000	0.000	17.978	0.000	0.900	18.878
PICKING BOXES	PEACHES	$/HR	0.000	0.000	0.000	0.000	0.000	0.000	0.000	79.900	0.000	4.000	83.900
SPRAYER	STOCK	$/HR	0.000	0.000	0.000	0.000	0.000	0.000	0.000	159.800	0.000	8.000	167.800
TRAILER	FLATBED	$/HR	0.000	0.000	0.000	0.000	2.000	0.000	0.000	228.330	0.000	12.000	242.330
TRAILER	PEANUT	$/HR	0.000	0.000	0.000	0.000	8.800	15.000	0.000	1522.200	0.000	80.000	1626.000
TRAILER	STOCK	$/HR	0.000	0.000	0.000	0.000	0.000	0.000	0.000	239.700	0.000	12.000	251.700
WATER SYSTEM		$/HR	0.000	0.000	0.000	0.000	19.000	0.000	0.000	769.037	0.000	38.500	826.537
WATERERS	HOG	$/HR	0.000	0.000	0.000	0.000	0.390	0.000	0.000	5.890	0.000	0.200	6.480
PICKUP TRUCK	3/4 TON	$/MI	0.055	0.000	0.000	0.000	0.015	0.000	0.000	0.158	0.000	0.032	0.260
TRACTOR	150 HP	$/AC	0.748	0.851	0.000	0.000	0.163	0.000	0.000	2.243	0.000	0.143	4.147
ANHYDROUS RIG		$/AC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ANHYDROUS RIG	RENTAL	$/AC	0.000	0.000	0.000	2.000	0.000	0.000	0.000	0.000	0.000	0.000	2.000
ANHYDROUS APPL.		$/AC	0.748	0.851	0.000	2.000	0.163	0.000	0.000	2.243	0.000	0.143	6.147
TRACTOR	50 HP	$/AC	0.230	1.016	0.000	0.000	0.043	0.000	0.000	0.834	0.000	0.053	2.176
FERT. SPREADER		$/AC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
APPLY FERTILIZER		$/AC	0.230	1.016	0.000	0.000	0.043	0.000	0.000	0.834	0.000	0.053	2.176

RESOURCE NAME		UNIT	VARIABLE EXPENSES							FIXED EXPENSES			TOTAL
			FUEL & LUBE	OPER. & MANAGE. LABOR	OPER. INPUT	CUSTOM OPER.	REPAIR & MAINT. OFF FARM	REPAIR & MAINT. LABOR	HOURLY LEASE	DEPREC. & INTEREST	ANNUAL LEASE	TAXES, LICENSE & INSUR.	EXPENSES
TRACTOR	125 HP	$/AC	0.756	1.333	0.000	0.000	0.243	0.000	0.000	2.545	0.000	0.162	5.038
CHISEL	12 FT	$/AC	0.000	0.000	0.000	0.000	0.056	0.000	0.000	3.256	0.000	0.227	3.539
CHISELING		$/AC	0.756	1.333	0.000	0.000	0.299	0.000	0.000	5.801	0.000	0.389	8.578
TRACTOR	100 HP	$/AC	1.132	3.946	0.000	0.000	0.719	0.000	0.000	4.255	0.000	0.270	10.322
COMBINE	PEANUT	$/AC	0.000	0.000	0.000	0.000	1.343	0.000	0.000	14.572	0.000	0.807	16.722
COMBINING	PEANUTS	$/AC	1.132	3.946	0.000	0.000	2.062	0.000	0.000	18.826	0.000	1.077	27.043
TRACTOR	100 HP	$/AC	0.898	1.592	0.000	0.000	0.290	0.000	0.000	1.717	0.000	0.109	4.606
CULTIVATOR	ROLLING	$/AC	0.000	0.000	0.000	0.000	0.142	0.000	0.000	0.415	0.000	0.029	0.586
CULTIVATING	ROLLING	$/AC	0.898	1.592	0.000	0.000	0.432	0.000	0.000	2.132	0.000	0.138	5.192
TRACTOR	100 HP	$/AC	1.295	4.515	0.000	0.000	0.823	0.000	0.000	4.869	0.000	0.309	11.811
DIGGER	PEANUT	$/AC	0.000	0.000	0.000	0.000	0.197	0.000	0.000	3.330	0.000	0.233	3.759
DIGGING	PEANUTS	$/AC	1.295	4.515	0.000	0.000	1.020	0.000	0.000	8.198	0.000	0.542	15.570
TRACTOR	100 HP	$/AC	0.657	1.051	0.000	0.000	0.192	0.000	0.000	1.134	0.000	0.072	3.106
DISC-TANDEM	13 FT	$/AC	0.000	0.000	0.000	0.000	0.152	0.000	0.000	1.084	0.000	0.076	1.311
SPRAYER		$/AC	0.000	0.000	0.000	0.000	0.124	0.000	0.000	0.403	0.000	0.028	0.555
DISC & SPRAY		$/AC	0.657	1.051	0.000	0.000	0.467	0.000	0.000	2.621	0.000	0.176	4.972
TRACTOR	100 HP	$/AC	0.486	0.976	0.000	0.000	0.178	0.000	0.000	1.053	0.000	0.067	2.760
DISC-OFFSET	14 FT	$/AC	0.000	0.000	0.000	0.000	0.274	0.000	0.000	0.795	0.000	0.055	1.124
DISCING-OFFSET		$/AC	0.486	0.976	0.000	0.000	0.452	0.000	0.000	1.847	0.000	0.122	3.883
TRACTOR	100 HP	$/AC	0.505	1.051	0.000	0.000	0.192	0.000	0.000	1.134	0.000	0.072	2.954
DISC-TANDEM	13 FT	$/AC	0.000	0.000	0.000	0.000	0.152	0.000	0.000	1.084	0.000	0.076	1.311
DISCING-TANDEM	13 FT	$/AC	0.505	1.051	0.000	0.000	0.343	0.000	0.000	2.217	0.000	0.148	4.265
TRACTOR	150 HP	$/AC	1.074	1.361	0.000	0.000	0.260	0.000	0.000	3.589	0.000	0.228	6.513
DISC-TANDEM	20 FT	$/AC	0.000	0.000	0.000	0.000	0.589	0.000	0.000	1.214	0.000	0.076	1.880
DISCING-TANDEM	20 FT	$/AC	1.074	1.361	0.000	0.000	0.849	0.000	0.000	4.804	0.000	0.304	8.393
TRACTOR	50 HP	$/AC	0.438	1.620	0.000	0.000	0.068	0.000	0.000	1.330	0.000	0.084	3.540
DISC-TANDEM	9 FT	$/AC	0.000	0.000	0.000	0.000	0.109	0.000	0.000	0.316	0.000	0.022	0.448
DISCING-TANDEM	9 FT	$/AC	0.438	1.620	0.000	0.000	0.177	0.000	0.000	1.646	0.000	0.106	3.987
TRACTOR	100 HP	$/AC	0.628	1.260	0.000	0.000	0.230	0.000	0.000	1.359	0.000	0.086	3.563
DISC/BEDDER	12 FT	$/AC	0.000	0.000	0.000	0.000	0.089	0.000	0.000	2.078	0.000	0.145	2.312
DISCING/BEDDING		$/AC	0.628	1.260	0.000	0.000	0.319	0.000	0.000	3.437	0.000	0.231	5.875
TRACTOR	75 HP	$/AC	0.484	1.260	0.000	0.000	0.112	0.000	0.000	1.321	0.000	0.084	3.261
DRILL	15 FT	$/AC	0.000	0.000	0.000	0.000	0.272	0.000	0.000	1.132	0.000	0.079	1.483
DRILLING	15 FT	$/AC	0.484	1.260	0.000	0.000	0.384	0.000	0.000	2.453	0.000	0.163	4.744
TRACTOR	75 HP	$/AC	0.551	1.576	0.000	0.000	0.140	0.000	0.000	1.651	0.000	0.105	4.023
DRILL	GRAIN	$/AC	0.000	0.000	0.000	0.000	0.284	0.000	0.000	1.197	0.000	0.084	1.565
DRILLING	GRAIN	$/AC	0.551	1.576	0.000	0.000	0.424	0.000	0.000	2.848	0.000	0.189	5.587
TRACTOR	100 HP	$/AC	0.090	0.227	0.000	0.000	0.041	0.000	0.000	0.245	0.000	0.016	0.618
DRY FERT. RIG		$/AC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
DRY FERT. RIG	RENTAL	$/AC	0.000	0.000	0.000	2.000	0.000	0.000	0.000	0.000	0.000	0.000	2.000
DRY FERT. RIG		$/AC	0.090	0.227	0.000	2.000	0.041	0.000	0.000	0.245	0.000	0.016	2.618
TRACTOR	40 HP	$/AC	2.201	6.600	0.000	0.000	0.278	0.000	0.000	6.301	0.000	0.400	15.780
WAGON	MANURE	$/AC	0.000	0.000	0.000	0.000	0.234	0.000	0.000	7.156	0.000	0.350	7.740
HAULING	MANURE	$/AC	2.201	6.600	0.000	0.000	0.512	0.000	0.000	13.457	0.000	0.750	23.519
TRACTOR	50 HP	$/AC	2.526	12.692	0.000	0.000	0.533	0.000	0.000	10.422	0.000	0.661	26.834
TRAILER	FLATBED3	$/AC	0.000	0.000	0.000	0.000	1.923	0.000	0.000	61.629	0.000	5.245	68.797
HAULING PEACHES	YEAR3	$/AC	2.526	12.692	0.000	0.000	2.456	0.000	0.000	72.051	0.000	5.906	95.631
TRACTOR	50 HP	$/AC	2.526	12.692	0.000	0.000	0.533	0.000	0.000	10.422	0.000	0.661	26.834
TRAILER	FLATBED4	$/AC	0.000	0.000	0.000	0.000	1.923	0.000	0.000	15.808	0.000	0.881	18.611
HAULING PEACHES	YEAR4	$/AC	2.526	12.692	0.000	0.000	2.456	0.000	0.000	26.229	0.000	1.542	45.446

RESOURCE NAME		UNIT	VARIABLE EXPENSES							FIXED EXPENSES			TOTAL
			FUEL & LUBE	OPER. & MANAGE. LABOR	OPER. INPUT	CUSTOM OPER.	REPAIR & MAINT. OFF FARM	REPAIR & MAINT. LABOR	HOURLY LEASE	DEPREC. & INTEREST	ANNUAL LEASE	TAXES, LICENSE & INSUR.	EXPENSES
TRACTOR	100 HP	$/AC	0.090	0.227	0.000	0.000	0.041	0.000	0.000	0.245	0.000	0.016	0.618
LIQUID FERT. RIG		$/AC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LIQUID FERT. RIG	RENTAL	$/AC	0.000	0.000	0.000	2.500	0.000	0.000	0.000	0.000	0.000	0.000	2.500
LIQUID FERT. RIG		$/AC	0.090	0.227	0.000	2.500	0.041	0.000	0.000	0.245	0.000	0.016	3.118
PICKUP TRUCK	3/4 TON	$/MI	0.055	0.167	0.000	0.000	0.015	0.000	0.000	0.158	0.000	0.032	0.427
PICKUP TRUCK		$/MI	0.055	0.167	0.000	0.000	0.015	0.000	0.000	0.158	0.000	0.032	0.427
TRACTOR	75 HP	$/AC	0.613	1.512	0.000	0.000	0.135	0.000	0.000	1.585	0.000	0.101	3.946
PLANTER	4 ROW	$/AC	0.000	0.000	0.000	0.000	0.148	0.000	0.000	3.325	0.000	0.232	3.705
SPRAYER		$/AC	0.000	0.000	0.000	0.000	0.124	0.000	0.000	0.403	0.000	0.028	0.555
PLANT & SPRAY		$/AC	0.613	1.512	0.000	0.000	0.406	0.000	0.000	5.313	0.000	0.361	8.206
TRACTOR	75 HP	$/AC	0.361	1.512	0.000	0.000	0.135	0.000	0.000	1.585	0.000	0.101	3.694
PLANTER	4 ROW	$/AC	0.000	0.000	0.000	0.000	0.148	0.000	0.000	3.325	0.000	0.232	3.705
PLANTING		$/AC	0.361	1.512	0.000	0.000	0.282	0.000	0.000	4.910	0.000	0.333	7.398
TRACTOR	125 HP	$/AC	0.466	0.630	0.000	0.000	0.115	0.000	0.000	1.202	0.000	0.076	2.489
PLANTER	8 ROW	$/AC	0.000	0.000	0.000	0.000	0.156	0.000	0.000	2.340	0.000	0.163	2.659
PLANTING	8 ROW	$/AC	0.466	0.630	0.000	0.000	0.270	0.000	0.000	3.542	0.000	0.240	5.148
TRACTOR	100 HP	$/AC	1.848	3.132	0.000	0.000	0.571	0.000	0.000	3.378	0.000	0.215	9.143
MOLDBOARD PLOW		$/AC	0.000	0.000	0.000	0.000	0.389	0.000	0.000	2.271	0.000	0.158	2.818
PLOWING		$/AC	1.848	3.132	0.000	0.000	0.959	0.000	0.000	5.649	0.000	0.373	11.961
TRACTOR	100 HP	$/AC	0.181	0.454	0.000	0.000	0.083	0.000	0.000	0.489	0.000	0.031	1.237
ROLLER		$/AC	0.000	0.000	0.000	0.000	0.004	0.000	0.000	0.177	0.000	0.012	0.194
ROLLING		$/AC	0.181	0.454	0.000	0.000	0.087	0.000	0.000	0.666	0.000	0.043	1.431
TRACTOR	100 HP	$/AC	0.538	1.350	0.000	0.000	0.246	0.000	0.000	1.456	0.000	0.093	3.683
SHREDDER	10.5 FT	$/AC	0.000	0.000	0.000	0.000	0.156	0.000	0.000	2.052	0.000	0.143	2.351
SHREDDING		$/AC	0.538	1.350	0.000	0.000	0.402	0.000	0.000	3.508	0.000	0.236	6.034
TRACTOR	50 HP	$/AC	0.732	3.679	0.000	0.000	0.155	0.000	0.000	3.021	0.000	0.192	7.778
SHREDDER	5 FT	$/AC	0.000	0.000	0.000	0.000	0.103	0.000	0.000	1.358	0.000	0.095	1.555
SHREDDING	5 FT	$/AC	0.732	3.679	0.000	0.000	0.258	0.000	0.000	4.378	0.000	0.286	9.334
TRACTOR	40 HP	$/AC	0.221	0.892	0.000	0.000	0.037	0.000	0.000	0.851	0.000	0.054	2.055
SPRAYER		$/AC	0.000	0.000	0.000	0.000	0.124	0.000	0.000	0.403	0.000	0.028	0.555
SPRAYING		$/AC	0.221	0.892	0.000	0.000	0.161	0.000	0.000	1.254	0.000	0.082	2.610
TRACTOR	50 HP	$/AC	0.241	0.892	0.000	0.000	0.037	0.000	0.000	0.732	0.000	0.046	1.949
SPRAYER	AIRBLAST	$/AC	0.000	0.000	0.000	0.000	0.246	0.000	0.000	1.548	0.000	0.108	1.902
SPRAYING	AIRBLAST	$/AC	0.241	0.892	0.000	0.000	0.283	0.000	0.000	2.281	0.000	0.154	3.851
TRACTOR	50 HP	$/AC	1.157	4.281	0.000	0.000	0.180	0.000	0.000	3.515	0.000	0.223	9.355
SPRAYER	ORCHARD	$/AC	0.000	0.000	0.000	0.000	0.268	0.000	0.000	0.946	0.000	0.069	1.283
SPRAYING	ORCHARD	$/AC	1.157	4.281	0.000	0.000	0.448	0.000	0.000	4.461	0.000	0.292	10.638

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BUDGET PARAMETERS REPORT
April 8, 1989

Parameter Name	Value	Unit of Measure	Description
DIESEL	0.5500	GAL.	Cost of Diesel Fuel
DIESEL BTU	135250.0000	BTU	Energy of Diesel Fuel
ELECTRICITY	0.0560	KWH	Cost of Electricity
ELECTRICITY BTU	3410.0000	BTU	Electricity energy
GASOLINE	0.7500	GAL.	Cost of Gasoline
GASOLINE BTU	124100.0000	BTU	Energy of Gasoline
HIRED LABOR	5.0000	HOUR	Hired Repair and Maintenance Labor Rate
HIRED LABOR IRR	5.0000	HOUR	Hired Irrigation Operation Labor
INR	1.0000	%	Insurance Rate, % of Market value
IRITB	10.5000	%	Interest Rate, Intermediate Term Borrow.
IRITE	7.5000	%	Interest Rate, Intermediate Term Equity
IROCB	10.5000	%	Interest Rate, Operating Capital Borrow.
IROCE	5.2500	%	Interest Rate, Operating Capital Equity
IRPCF	5.2500	%	Interest Rate, Positive Cash Flow
LP GAS	1.0000	GAL.	Cost of LP Gas
LP GAS BTU	92140.0000	BTU	Energy of LP Gas
LUBE MULTI	0.1000	NONE	Lube Multiplier
NATURAL GAS	3.5000	MCF	Cost of Natural Gas
NATURAL GAS BTU	1000000.0000	BTU	Energy of Nat. Gas per 100ft3 or Therm
OWNER LABOR	5.0000	HOUR	Owner Repair and Maintenance Labor Rate
OWNER LABOR IRR	5.0000	HOUR	Owner Irrigation Operation Labor
PTR	0.0000	%	Personal Property Tax Rate

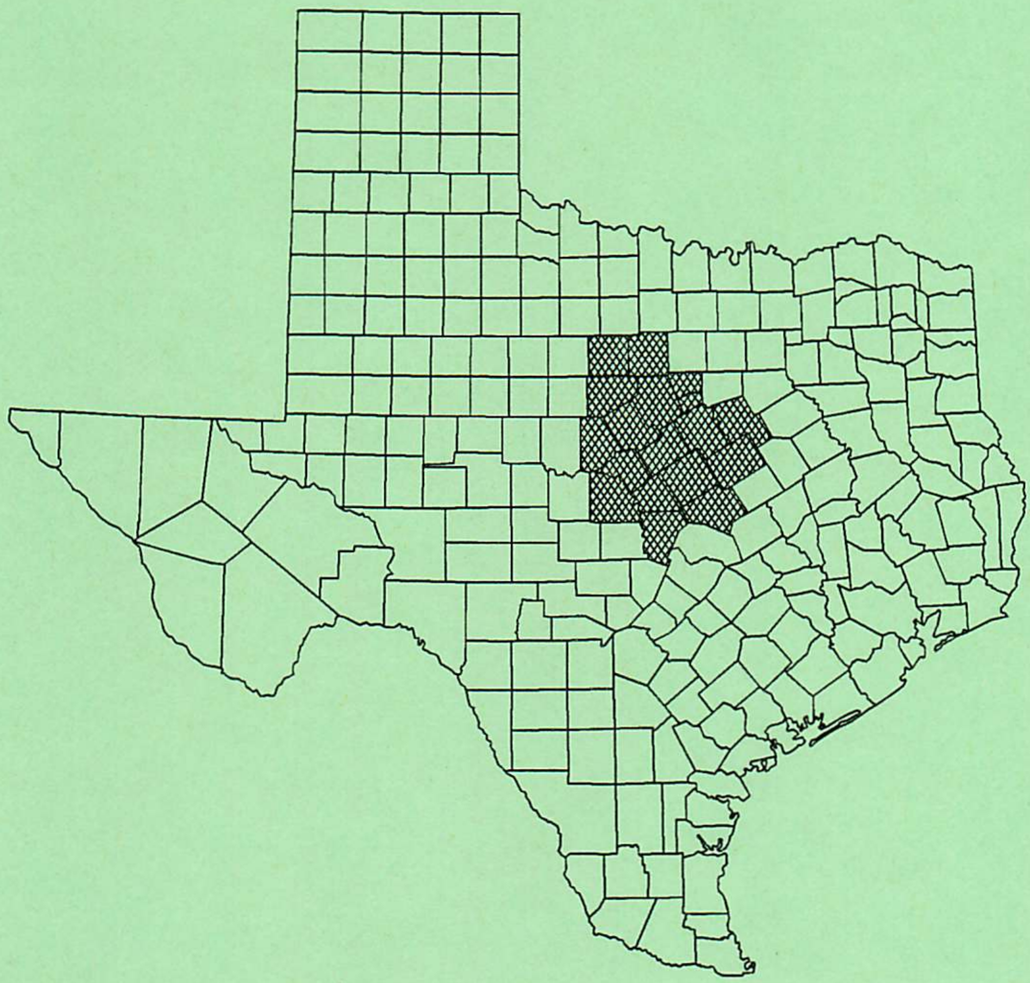
B-1241(L08)

TEXAS AGRICULTURAL EXTENSION SERVICE . THE TEXAS A&M UNIVERSITY SYSTEM
Zerle L. Carpenter, Director . College Station, Texas

TEXAS LIVESTOCK ENTERPRISE BUDGETS

CENTRAL TEXAS DISTRICT

Projected for 1989



Cooperative Extension Work in Agriculture and Home Economics, The Texas A&M University System and the United States Department of Agriculture cooperating. Distributed in furtherance of the Acts of Congress of May 8, 1914, as amended, and June 30, 1914.
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COW-CALF PRODUCTION
Central Texas District (8)
1989 Projected Costs and Returns per Head

PRODUCTION Description		Quantity		Unit	$ / Unit	Return	Your Estimate
CULL COWS	BEEF	0.10Hd	9.000	cwt.	52.0000	46.80	
HEIFER CALVES		0.28Hd	4.500	cwt.	87.0000	109.62	
STEER CALVES		0.40Hd	4.800	cwt.	96.0000	184.32	
Total GROSS Income						340.74	

OPERATING INPUT or CUSTOM OPERATION Description		Input Use	Unit	$ / Unit	Cost	Your Estimate
COASTAL PASTURE		1.150	acre	56.000	64.40	
CUBES		1.500	cwt.	10.400	15.60	
HAY		10.000	cwt.	3.000	30.00	
MARKETING	CALF	0.780	head	9.750	7.61	
MISCELLANEOUS	CALF	1.000	head	7.500	7.50	
PASTURE	NATIVE	4.600	acre	1.400	6.44	
SALT & MINERALS	COW-CALF	0.420	cwt.	17.000	7.14	
VET. MEDICINE	COW-CALF	1.000	head	4.000	4.00	
Fuel					4.19	
Lube					0.42	
Repair					3.57	
Total OPERATING INPUT and CUSTOM OPERATION Costs					150.87	
Residual returns to capital, ownership labor, land, management, and profit					189.87	

CAPITAL INVESTMENT Description	Quantity Invested	Unit	Rate of Return	Cost	Your Estimate
Interest - IT Borrowed	975.254	Dol.	0.105	102.40	
Interest - OC Borrowed	30.471	Dol.	0.105	3.20	
Interest - OC Earned	-17.832	Dol.	0.053	-0.94	
Total CAPITAL INVESTMENT Costs				104.67	
Residual returns to ownership, labor, land, management, and profit				85.21	

OWNERSHIP COST Description (Depreciation, Taxes, and Insurance)	Cost	Your Estimate
Machinery and Equipment	36.89	
Livestock	15.77	
Total OWNERSHIP Costs	52.66	
Residual returns to labor, land, management, and profit	32.55	

LABOR COST Description	Input Use	Unit	Average Rate	Cost	Your Estimate
Machinery and Equipment	3.153	Hr.	5.000	15.77	
Other	4.950	Hr.	5.000	24.75	
Total LABOR Costs				40.52	
Residual returns to land, management, and profit				-7.96	

LAND COST Description	Input Use	Unit	Rate of Return	Cost	Your Estimate
COASTAL PASTURE					
Annual Lease	1.150	Acre	19.000	21.85	
PASTURE, NATIVE					
Annual Lease	4.600	Acre	6.000	27.60	
Total LAND Costs				49.45	
Residual returns to management and profit				-57.41	

-WARNING- No Management Cost Specified

Residual returns to profit	-57.41	
Total Projected Cost of Production	398.15	

50 Cow herd, 2 bulls, 80% calf crop, 12% replacement, 2% death loss, Replacements raised.

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Projections for Planning Purposes Only
Not to be Used without Updating after April 8, 1989.

Cow-Calf Production
Central Texas District (8)
1989 Projected Costs and Returns per Head

GROSS INCOME Description			Quantity	Unit	$ / Unit	Total	Your Estimate
CULL COWS	BEEF	0.10Hd	9.000	cwt.	52.0000	46.80	
HEIFER CALVES		0.28Hd	4.500	cwt.	87.0000	109.62	
STEER CALVES		0.40Hd	4.800	cwt.	96.0000	184.32	
Total GROSS Income						340.74	

VARIABLE COST Description		Total	Your Estimate
BARN		0.76	
COASTAL PASTURE		64.40	
CUBES		15.60	
FENCE		1.76	
HAY		30.00	
Interest - Earned		-0.94	
Interest - OC Borrowed		3.20	
LIVESTOCK LABOR		24.75	
LOT FENCE		1.37	
MARKETING	CALF	7.61	
MISCELLANEOUS	CALF	7.50	
PASTURE	NATIVE	6.44	
PICKUP TRUCK	3/4 TON	19.83	
POND		0.23	
SALT & MINERALS	COW-CALF	7.14	
VET. MEDICINE	COW-CALF	4.00	
Total VARIABLE COST		193.65	
GROSS INCOME minus VARIABLE COST		147.09	

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	79.04	
Livestock		76.01	
Land	Acre	49.45	
Total FIXED Cost		204.51	
Total of ALL Cost		398.15	
NET PROJECTED RETURNS		-57.41	

50 Cow herd, 2 bulls, 80% calf crop, 12% replacement, 2% death loss, Replacements raised.

STOCKER CALF PRODUCTION

Central Texas District (8), Western
1989 Projected Costs and Returns per Head

PRODUCTION Description		Quantity	Unit	$ / Unit	Return	Your Estimate
FEEDER STEERS	0.97Hd	6.300	cwt.	86.0000	525.55	
Total GROSS Income					525.55	

OPERATING INPUT or CUSTOM OPERATION Description		Input Use	Unit	$ / Unit	Cost	Your Estimate
GRAIN SUPPL.	STOCKER	1.000	cwt.	9.350	9.35	
HAY	STOCKER	0.840	cwt.	3.000	2.52	
PASTURE	NATIVE	1.000	acre	1.400	1.40	
SALES COMMISSION	STOCKER	0.970	head	6.500	6.31	
SALT & MINERALS	STOCKER	0.200	cwt.	14.800	2.96	
SMALL GRAINS	PASTURE*	1.360	acre	42.000	57.12	
STOCKER STEERS	425	4.250	cwt.	89.000	378.25	
VET. MEDICINE	STOCKER	1.000	head	5.000	5.00	
Fuel					1.00	
Lube					0.10	
Repair					0.34	
Total OPERATING INPUT and CUSTOM OPERATION Costs					464.35	
Residual returns to capital, ownership labor, land, management, and profit					61.20	

CAPITAL INVESTMENT Description	Quantity Invested	Unit	Rate of Return	Cost	Your Estimate
Interest - IT Borrowed	57.767	Dol.	0.105	6.07	
Interest - OC Borrowed	285.425	Dol.	0.105	29.97	
Interest - OC Earned	-0.893	Dol.	0.053	-0.05	
Total CAPITAL INVESTMENT Costs				35.99	
Residual returns to ownership, labor, land, management, and profit				25.21	

OWNERSHIP COST Description (Depreciation, Taxes, and Insurance)	Cost	Your Estimate
Machinery and Equipment	8.00	
Total OWNERSHIP Costs	8.00	
Residual returns to labor, land, management, and profit	17.21	

LABOR COST Description	Input Use	Unit	Average Rate	Cost	Your Estimate
Machinery and Equipment	0.667	Hr.	5.000	3.33	
Other	1.300	Hr.	5.000	6.50	
Total LABOR Costs				9.83	
Residual returns to land, management, and profit				7.37	

LAND COST Description	Input Use	Unit	Rate of Return	Cost	Your Estimate
PASTURE RENT NATIVE W Annual Lease	0.100	Acre	6.000	0.60	
SMALL GRAINS PASTURE Annual Lease	1.360	Acre	15.000	20.40	
Total LAND Costs				21.00	
Residual returns to management and profit				-13.63	

-WARNING- No Management Cost Specified

Residual returns to profit	-13.63	
Total Projected Cost of Production	539.17	

100 steer unit, 205 pounds gain/stocker, stocking rate, 1.3 acre/head,
Small grain winter pasture, November-February, 3% death loss.

Projections for Planning Purposes Only
Not to be Used without Updating after April 8, 1989.

Stocker Calf Production
Central Texas District (8), Western
1989 Projected Costs and Returns per Head

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
FEEDER STEERS	0.97Hd	6.300	cwt.	86.0000	525.55	
Total GROSS Income					525.55	

VARIABLE COST Description		Total	Your Estimate
GRAIN SUPPL.	STOCKER	9.35	
HAY	STOCKER	2.52	
HAY RACKS		0.04	
Interest - Earned		-0.05	
Interest - OC Borrowed		29.97	
LIVESTOCK LABOR		6.50	
PASTURE	NATIVE	1.40	
PICKUP TRUCK	3/4 TON	4.73	
SALES COMMISSION	STOCKER	6.31	
SALT & MINERALS	STOCKER	2.96	
SMALL GRAINS	PASTURE*	57.12	
STOCKER STEERS	425	378.25	
VET. MEDICINE	STOCKER	5.00	
Total VARIABLE COST		504.10	

Break-Even Price, Total Variable Cost $ 82.49 per cwt. of FEEDER STEERS

	Total	Your Estimate
GROSS INCOME minus VARIABLE COST	21.44	

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	14.07	
Land	Acre	21.00	
Total FIXED Cost		35.07	

Break-Even Price, Total Cost $ 88.22 per cwt. of FEEDER STEERS

	Total	Your Estimate
Total of ALL Cost	539.17	
NET PROJECTED RETURNS	-13.63	

100 steer unit, 205 pounds gain/stocker, stocking rate, 1.3 acre/head, Small grain winter pasture, November-February, 3% death loss.

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STOCKER CALF PRODUCTION

Central Texas District (8), Eastern
1989 Projected Costs and Returns per Head

PRODUCTION Description		Quantity	Unit	$ / Unit	Return	Your Estimate
FEEDER STEERS	0.98Hd	6.500	cwt.	86.0000	547.82	
Total GROSS Income					547.82	

OPERATING INPUT or CUSTOM OPERATION Description		Input Use	Unit	$ / Unit	Cost	Your Estimate
GRAIN SUPPL.	STOCKER	1.000	cwt.	9.350	9.35	
HAY	STOCKER	0.840	cwt.	3.000	2.52	
PASTURE	NATIVE	0.100	acre	1.400	0.14	
SALES COMMISSION	STOCKER	0.980	head	6.500	6.37	
SALT & MINERALS	STOCKER	0.200	cwt.	14.800	2.96	
SMALL GRAINS	PASTURE	1.000	acre	60.000	60.00	
STOCKER STEERS		3.750	cwt.	96.000	360.00	
VET. MEDICINE	STOCKER	1.000	head	5.000	5.00	
Fuel					1.00	
Lube					0.10	
Repair					0.34	
Total OPERATING INPUT and CUSTOM OPERATION Costs					447.78	
Residual returns to capital, ownership labor, land, management, and profit					100.04	

CAPITAL INVESTMENT Description	Quantity Invested	Unit	Rate of Return	Cost	Your Estimate
Interest - IT Borrowed	57.767	Dol.	0.105	6.07	
Interest - OC Borrowed	284.320	Dol.	0.105	29.85	
Interest - OC Earned	-1.617	Dol.	0.053	-0.08	
Total CAPITAL INVESTMENT Costs				35.83	
Residual returns to ownership, labor, land, management, and profit				64.20	

OWNERSHIP COST Description (Depreciation, Taxes, and Insurance)	Cost	Your Estimate
Machinery and Equipment	8.00	
Total OWNERSHIP Costs	8.00	
Residual returns to labor, land, management, and profit	56.20	

LABOR COST Description	Input Use	Unit	Average Rate	Cost	Your Estimate
Machinery and Equipment	0.667	Hr.	5.000	3.33	
Other	1.300	Hr.	5.000	6.50	
Total LABOR Costs				9.83	
Residual returns to land, management, and profit				46.37	

LAND COST Description	Input Use	Unit	Rate of Return	Cost	Your Estimate
PASTURE RENT NATIVE					
Annual Lease	0.100	Acre	8.000	0.80	
SMALL GRAINS MACH. FC					
Annual Lease	1.000	Acre	35.000	35.00	
Total LAND Costs				35.80	
Residual returns to management and profit				10.57	

-WARNING- No Management Cost Specified

Residual returns to profit	10.57	
Total Projected Cost of Production	537.25	

50 steer unit, 275 pounds gain/stocker, stocking rate, 1.0 acre/head,
Small grain winter pasture, December-May, 2% death loss.

Projections for Planning Purposes Only
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Stocker Calf Production
Central Texas District (8), Eastern
1989 Projected Costs and Returns per Head

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
FEEDER STEERS	0.98Hd	6.500	cwt.	86.0000	547.82	
Total GROSS Income					547.82	

VARIABLE COST Description		Total	Your Estimate
GRAIN SUPPL.	STOCKER	9.35	
HAY	STOCKER	2.52	
HAY RACKS		0.04	
Interest - Earned		-0.08	
Interest - OC Borrowed		29.85	
LIVESTOCK LABOR		6.50	
PASTURE	NATIVE	0.14	
PICKUP TRUCK	3/4 TON	4.73	
SALES COMMISSION	STOCKER	6.37	
SALT & MINERALS	STOCKER	2.96	
SMALL GRAINS	PASTURE	60.00	
STOCKER STEERS		360.00	
VET. MEDICINE	STOCKER	5.00	
Total VARIABLE COST		487.39	

Break-Even Price, Total Variable Cost $ 76.51 per cwt. of FEEDER STEERS

GROSS INCOME minus VARIABLE COST		60.43	

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	14.07	
Land	Acre	35.80	
Total FIXED Cost		49.87	

Break-Even Price, Total Cost $ 84.34 per cwt. of FEEDER STEERS

Total of ALL Cost	537.25	
NET PROJECTED RETURNS	10.57	

50 steer unit, 275 pounds gain/stocker, stocking rate, 1.0 acre/head,
Small grain winter pasture, December-May, 2% death loss.

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DAIRY PRODUCTION (WITH SILAGE)
Central Texas District (8)
1989 Projected Costs and Returns per Head

PRODUCTION Description			Quantity	Unit	$ / Unit	Return	Your Estimate
BREEDING HEIFERS			0.220	head	650.0000	143.00	
BULL	DAIRY		0.010	head	850.0000	8.50	
BULL CALVES	DAIRY		0.430	head	75.0000	32.25	
CULL COWS	DAIRY	0.22Hd	13.000	cwt.	52.0000	148.72	
HEIFER CALVES	DAIRY		0.020	head	80.0000	1.60	
MILK			142.500	cwt.	13.2600	1889.55	
Total GROSS Income						2223.62	

OPERATING INPUT or CUSTOM OPERATION Description		Input Use	Unit	$ / Unit	Cost	Your Estimate
BREEDING	DAIRY	1.000	head	20.000	20.00	
GRAIN MIX	DAIRY	66.400	cwt.	5.500	365.20	
HAY	DAIRY	39.000	cwt.	4.250	165.75	
MGMT. RECORDS		1.000	head	18.000	18.00	
MILK REPLACER		40.000	lb.	0.650	26.00	
MISCELLANEOUS	DAIRY	1.000	head	20.000	20.00	
SALES COMMISSION	DAIRY	1.000	head	6.050	6.05	
SILAGE		11.500	ton	21.000	241.50	
SUPPLIES	DAIRY	1.000	head	64.000	64.00	
UTILITIES		1.000	head	74.500	74.50	
VET. MEDICINE	DAIRY	1.000	head	30.000	30.00	
HAULING	MILK	142.500	cwt.	0.700	99.75	
Fuel					10.50	
Lube					1.05	
Repair					8.71	
Total OPERATING INPUT and CUSTOM OPERATION Costs					1151.00	

Residual returns to capital, ownership labor, land, management, and profit	1072.62

CAPITAL INVESTMENT Description	Quantity Invested	Unit	Rate of Return	Cost	Your Estimate
Interest - IT Borrowed	2761.680	Dol.	0.105	289.98	
Interest - OC Borrowed	1.455	Dol.	0.105	0.15	
Interest - OC Earned	-358.678	Dol.	0.053	-18.83	
Total CAPITAL INVESTMENT Costs				271.30	

Residual returns to ownership, labor, land, management, and profit	801.32

OWNERSHIP COST Description (Depreciation, Taxes, and Insurance)	Cost	Your Estimate
Machinery and Equipment	174.19	
Livestock	82.27	
Total OWNERSHIP Costs	256.46	
Residual returns to labor, land, management, and profit	544.86	

LABOR COST Description	Input Use	Unit	Average Rate	Cost	Your Estimate
Machinery and Equipment	6.985	Hr.	5.000	34.93	
Other	48.000	Hr.	5.000	240.00	
Total LABOR Costs				274.93	
Residual returns to land, management, and profit				269.93	

LAND COST Description	Input Use	Unit	Rate of Return	Cost	Your Estimate
PASTURE RENT DAIRY					
Annual Lease	1.750	Acre	8.000	14.00	
Total LAND Costs				14.00	
Residual returns to management and profit				255.93	

-WARNING- No Management Cost Specified

Residual returns to profit	255.93	
Total Projected Cost of Production	1967.69	

100 Cow dairy, 14,250 pounds production per cow. Barn is double six herringbone. Feeding outside milking parlor, 25% replacement.

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Dairy Production (with Silage)
Central Texas District (8)
1989 Projected Costs and Returns per Head

GROSS INCOME Description			Quantity	Unit	$ / Unit	Total	Your Estimate
BREEDING HEIFERS			0.220	head	650.0000	143.00	
BULL	DAIRY		0.010	head	850.0000	8.50	
BULL CALVES	DAIRY		0.430	head	75.0000	32.25	
CULL COWS	DAIRY	0.22Hd	13.000	cwt.	52.0000	148.72	
HEIFER CALVES	DAIRY		0.020	head	80.0000	1.60	
MILK			142.500	cwt.	13.2600	1889.55	
Total GROSS Income						2223.62	

VARIABLE COST Description		Total	Your Estimate
BARN	HAY	0.10	
BREEDING	DAIRY	20.00	
BULK MILK COOLER		0.63	
CALF HUTCHES		0.01	
DIGGER/WAGON	SILAGE	0.55	
FEED MILL		0.70	
FEED SYSTEM		0.09	
FEEDER	MECHANIC	0.33	
FEEDING AREA		0.06	
GRAIN MIX	DAIRY	365.20	
HAULING	MILK	99.75	
HAY	DAIRY	165.75	
HAY RACKS		0.06	
HOLDING AREA		0.06	
Interest - Earned		-18.83	
Interest - OC Borrowed		0.15	
LIVESTOCK LABOR		240.00	
MANURE SYSTEM		0.19	
MGMT. RECORDS		18.00	
MILK REPLACER		26.00	
MILK ROOM		0.22	
MILKING EQUIP.		1.25	
MILKING PARLOR		0.45	
MILKING STALLS		0.70	
MISCELLANEOUS	DAIRY	20.00	
PICKUP TRUCK	3/4 TON	40.23	
SALES COMMISSION	DAIRY	6.05	
SILAGE		241.50	
SILO	HORIZON	0.06	
SUPPLIES	DAIRY	64.00	
TRACTOR	40 HP	9.07	
UTILITIES		74.50	
VET. MEDICINE	DAIRY	30.00	
WAGON	MANURE	0.23	
WATER SYSTEM		0.19	
Total VARIABLE COST		1407.25	
GROSS INCOME minus VARIABLE COST		816.37	

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	355.49	
Livestock		190.95	
Land	Acre	14.00	
Total FIXED Cost		560.44	
Total of ALL Cost		1967.69	
NET PROJECTED RETURNS		255.93	

100 Cow dairy, 14,250 pounds production per cow. Barn is double six herringbone. Feeding outside milking parlor, 25% replacement.

DAIRY PRODUCTION (WITHOUT SILAGE)
Central Texas District (8)
1989 Projected Costs and Returns per Head

PRODUCTION Description			Quantity	Unit	$ / Unit	Return	Your Estimate
BREEDING HEIFERS			0.220	head	650.0000	143.00	
BULL	DAIRY		0.010	head	850.0000	8.50	
BULL CALVES	DAIRY		0.430	head	75.0000	32.25	
CULL COWS	DAIRY	0.22Hd	13.000	cwt.	52.0000	148.72	
HEIFER CALVES	DAIRY		0.020	head	80.0000	1.60	
MILK			142.500	cwt.	13.2600	1889.55	
Total GROSS Income						2223.62	

OPERATING INPUT or CUSTOM OPERATION Description		Input Use	Unit	$ / Unit	Cost	Your Estimate
BREEDING	DAIRY	1.000	head	20.000	20.00	
GRAIN MIX	DAIRY	66.400	cwt.	5.500	365.20	
HAY	DAIRY	111.000	cwt.	4.250	471.75	
MGMT. RECORDS		1.000	head	18.000	18.00	
MILK REPLACER		40.000	lb.	0.650	26.00	
MISCELLANEOUS	DAIRY	1.000	head	20.000	20.00	
SALES COMMISSION	DAIRY	1.000	head	6.050	6.05	
SUPPLIES	DAIRY	1.000	head	64.000	64.00	
UTILITIES		1.000	head	74.500	74.50	
VET. MEDICINE	DAIRY	1.000	head	30.000	30.00	
HAULING	MILK	142.500	cwt.	0.700	99.75	
Fuel					10.75	
Lube					1.07	
Repair					8.78	
Total OPERATING INPUT and CUSTOM OPERATION Costs					1215.85	

Residual returns to capital, ownership labor, land, management, and profit — 1007.77

CAPITAL INVESTMENT Description	Quantity Invested	Unit	Rate of Return	Cost	Your Estimate
Interest - IT Borrowed	2764.026	Dol.	0.105	290.22	
Interest - OC Borrowed	1.529	Dol.	0.105	0.16	
Interest - OC Earned	-325.522	Dol.	0.053	-17.09	
Total CAPITAL INVESTMENT Costs				273.29	

Residual returns to ownership, labor, land, management, and profit — 734.48

OWNERSHIP COST Description (Depreciation, Taxes, and Insurance)	Cost	Your Estimate
Machinery and Equipment	174.89	
Livestock	82.27	
Total OWNERSHIP Costs	257.17	

Residual returns to labor, land, management, and profit — 477.31

LABOR COST Description	Input Use	Unit	Average Rate	Cost	Your Estimate
Machinery and Equipment	7.152	Hr.	5.000	35.76	
Other	48.000	Hr.	5.000	240.00	
Total LABOR Costs				275.76	

Residual returns to land, management, and profit — 201.54

LAND COST Description	Input Use	Unit	Rate of Return	Cost	Your Estimate
PASTURE RENT DAIRY					
Annual Lease	1.750	Acre	8.000	14.00	
Total LAND Costs				14.00	

Residual returns to management and profit — 187.54

-WARNING- No Management Cost Specified

Residual returns to profit — 187.54

Total Projected Cost of Production — 2036.07

100 Cow dairy, 14,250 pounds production per cow. Barn is double six herringbone. Feeding outside milking parlor, 25% replacement.

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Projections for Planning Purposes Only
Not to be Used without Updating after April 8, 1989.

Dairy Production (without Silage)
Central Texas District (8)
1989 Projected Costs and Returns per Head

GROSS INCOME Description			Quantity	Unit	$ / Unit	Total	Your Estimate
BREEDING HEIFERS			0.220	head	650.0000	143.00	
BULL	DAIRY		0.010	head	850.0000	8.50	
BULL CALVES	DAIRY		0.430	head	75.0000	32.25	
CULL COWS	DAIRY	0.22Hd	13.000	cwt.	52.0000	148.72	
HEIFER CALVES	DAIRY		0.020	head	80.0000	1.60	
MILK			142.500	cwt.	13.2600	1889.55	
Total GROSS Income						2223.62	

VARIABLE COST Description		Total	Your Estimate
BARN	HAY	0.10	
BREEDING	DAIRY	20.00	
BULK MILK COOLER		0.63	
CALF HUTCHES		0.01	
DIGGER/WAGON	SILAGE	0.55	
FEED MILL		0.70	
FEED SYSTEM		0.09	
FEEDER	MECHANIC	0.33	
FEEDING AREA		0.06	
GRAIN MIX	DAIRY	365.20	
HAULING	MILK	99.75	
HAY	DAIRY	471.75	
HAY RACKS		0.06	
HOLDING AREA		0.06	
Interest - Earned		-17.09	
Interest - OC Borrowed		0.16	
LIVESTOCK LABOR		240.00	
MANURE SYSTEM		0.19	
MGMT. RECORDS		18.00	
MILK REPLACER		26.00	
MILK ROOM		0.22	
MILKING EQUIP.		1.25	
MILKING PARLOR		0.45	
MILKING STALLS		0.70	
MISCELLANEOUS	DAIRY	20.00	
PICKUP TRUCK	3/4 TON	41.42	
SALES COMMISSION	DAIRY	6.05	
SILO	HORIZON	0.06	
SUPPLIES	DAIRY	64.00	
TRACTOR	40 HP	9.07	
UTILITIES		74.50	
VET. MEDICINE	DAIRY	30.00	
WAGON	MANURE	0.23	
WATER SYSTEM		0.19	
Total VARIABLE COST		1474.68	
GROSS INCOME minus VARIABLE COST		748.94	

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	356.44	
Livestock		190.95	
Land	Acre	14.00	
Total FIXED Cost		561.39	
Total of ALL Cost		2036.07	
NET PROJECTED RETURNS		187.54	

100 Cow dairy, 14,250 pounds production per cow. Barn is double six herringbone. Feeding outside milking parlor, 25% replacement.

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FARROW TO FINISHING HOG PRODUCTION

Central Texas District (8)
1989 Projected Costs and Returns per Sow

PRODUCTION Description		Quantity	Unit	$ / Unit	Return	Your Estimate
MARKET HOGS	16.00Hd	2.200	cwt.	46.0000	1619.20	
Total GROSS Income					1619.20	

OPERATING INPUT or CUSTOM OPERATION Description		Input Use	Unit	$ / Unit	Cost	Your Estimate
BOAR FEED		0.890	cwt.	12.750	11.35	
FINISHING RATION		95.200	cwt.	12.150	1156.68	
HAY		1.000	cwt.	3.000	3.00	
MARKETING	HOGS	16.000	head	3.500	56.00	
PIG STARTER		8.000	cwt.	14.600	116.80	
SOW FEED	GESTAT.	9.760	cwt.	12.250	119.56	
SOW FEED	LACTAT.	13.530	cwt.	12.800	173.18	
VET. MEDICINE	PIGS	16.000	head	0.800	12.80	
VET. MEDICINE	SOWS	1.000	head	6.500	6.50	
Fuel					8.40	
Lube					0.84	
Repair					5.89	
Total OPERATING INPUT and CUSTOM OPERATION Costs					1671.01	
Residual returns to capital, ownership labor, land, management, and profit					-51.81	

CAPITAL INVESTMENT Description	Quantity Invested	Unit	Rate of Return	Cost	Your Estimate
Interest - IT Borrowed	612.621	Dol.	0.105	64.33	
Interest - OC Borrowed	210.798	Dol.	0.105	22.13	
Total CAPITAL INVESTMENT Costs				86.46	
Residual returns to ownership, labor, land, management, and profit				-138.27	

OWNERSHIP COST Description (Depreciation, Taxes, and Insurance)	Cost	Your Estimate
Machinery and Equipment	54.74	
Livestock	12.85	
Total OWNERSHIP Costs	67.59	
Residual returns to labor, land, management, and profit	-205.86	

LABOR COST Description	Input Use	Unit	Average Rate	Cost	Your Estimate
Machinery and Equipment	5.600	Hr.	5.000	28.00	
Other	21.999	Hr.	5.000	110.00	
Total LABOR Costs				138.00	
Residual returns to land, management, and profit				-343.86	

LAND COST Description	Input Use	Unit	Rate of Return	Cost	Your Estimate
PASTURE RENT HOGS					
Annual Lease	0.750	Acre	15.000	11.25	
Total LAND Costs				11.25	
Residual returns to management and profit				-355.11	

-WARNING- No Management Cost Specified

Residual returns to profit	-355.11	
Total Projected Cost of Production	1974.31	

15 Sow unit, Fall-spring farrowing, 56 day weaning, 16 pigs weaned per sow per year, 3.5 feed conversion.

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Projections for Planning Purposes Only
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Farrow to Finishing Hog Production
Central Texas District (8)
1989 Projected Costs and Returns per Sow

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
MARKET HOGS	16.00Hd	2.200	cwt.	46.0000	1619.20	
Total GROSS Income					1619.20	

VARIABLE COST Description		Total	Your Estimate
BOAR FEED		11.35	
BOAR PEN		0.72	
FARROWING HOUSE		1.06	
FEED STORAGE		0.50	
FEEDERS	HOG	0.28	
FEEDING FLOOR		0.01	
FENCE	HOG	0.45	
FINISHING RATION		1156.68	
HAY		3.00	
Interest - OC Borrowed		22.13	
LIVESTOCK LABOR		110.00	
MARKETING	HOGS	56.00	
PASTURE SHEDS		0.25	
PICKUP TRUCK	3/4 TON	39.76	
PIG STARTER		116.80	
SOW FEED	GESTAT.	119.56	
SOW FEED	LACTAT.	173.18	
VET. MEDICINE	PIGS	12.80	
VET. MEDICINE	SOWS	6.50	
WATERERS	HOG	0.11	
Total VARIABLE COST		1831.14	

Break-Even Price, Total Variable Cost $ 52.02 per cwt. of MARKET HOGS

	Total	Your Estimate
GROSS INCOME minus VARIABLE COST	-211.94	

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	98.97	
Livestock		32.95	
Land	Acre	11.25	
Total FIXED Cost		143.17	

Break-Even Price, Total Cost $ 56.08 per cwt. of MARKET HOGS

	Total	Your Estimate
Total of ALL Cost	1974.31	
NET PROJECTED RETURNS	-355.11	

15 Sow unit, Fall-spring farrowing, 56 day weaning, 16 pigs weaned per sow per year, 3.5 feed conversion.

FEEDER PIG PRODUCTION

Central Texas District (8)
1989 Projected Costs and Returns per Sow

PRODUCTION Description		Quantity	Unit	$ / Unit	Return	Your Estimate
FEEDER PIGS	16.00Hd	0.500	cwt.	70.0000	560.00	
Total GROSS Income					560.00	

OPERATING INPUT or CUSTOM OPERATION Description	Input Use	Unit	$ / Unit	Cost	Your Estimate
BOAR FEED	0.890	cwt.	12.750	11.35	
MISCELLANEOUS PIGS	1.000	head	21.000	21.00	
PIG STARTER	8.000	cwt.	14.600	116.80	
SALES COMMISSIONPIG	16.000	head	1.750	28.00	
SOW FEED GESTAT.	9.760	cwt.	12.250	119.56	
SOW FEED LACTAT.	13.530	cwt.	12.800	173.18	
VET. MEDICINE PIGS	16.000	head	0.800	12.80	
VET. MEDICINE SOWS	1.000	head	6.500	6.50	
Fuel				8.40	
Lube				0.84	
Repair				5.89	
Total OPERATING INPUT and CUSTOM OPERATION Costs				504.33	

Residual returns to capital, ownership labor, land, management, and profit	55.67	

CAPITAL INVESTMENT Description	Quantity Invested	Unit	Rate of Return	Cost	Your Estimate
Interest - IT Borrowed	612.621	Dol.	0.105	64.33	
Interest - OC Borrowed	123.061	Dol.	0.105	12.92	
Interest - OC Earned	-1.349	Dol.	0.053	-0.07	
Total CAPITAL INVESTMENT Costs				77.18	

Residual returns to ownership, labor, land, management, and profit	-21.50	

OWNERSHIP COST Description (Depreciation, Taxes, and Insurance)	Cost	Your Estimate
Machinery and Equipment	54.74	
Livestock	12.85	
Total OWNERSHIP Costs	67.59	
Residual returns to labor, land, management, and profit	-89.09	

LABOR COST Description	Input Use	Unit	Average Rate	Cost	Your Estimate
Machinery and Equipment	5.600	Hr.	5.000	28.00	
Other	13.999	Hr.	5.000	70.00	
Total LABOR Costs				98.00	
Residual returns to land, management, and profit				-187.09	

LAND COST Description	Input Use	Unit	Rate of Return	Cost	Your Estimate
PASTURE RENT HOGS Annual Lease	0.750	Acre	15.000	11.25	
Total LAND Costs				11.25	
Residual returns to management and profit				-198.34	

-WARNING- No Management Cost Specified

Residual returns to profit	-198.34	
Total Projected Cost of Production	758.34	

15 Sow unit, Fall-spring farrowing, 56 day weaning, 16 pigs weaned per sow per year.
Income from cull animals will buy replacements.

Projections for Planning Purposes Only
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Feeder Pig Production
Central Texas District (8)
1989 Projected Costs and Returns per Sow

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
FEEDER PIGS	16.00Hd	0.500	cwt.	70.0000	560.00	
Total GROSS Income					560.00	

VARIABLE COST Description		Total	Your Estimate
BOAR FEED		11.35	
BOAR PEN		0.72	
FARROWING HOUSE		1.06	
FEED STORAGE		0.50	
FEEDERS	HOG	0.28	
FEEDING FLOOR		0.01	
FENCE	HOG	0.45	
Interest - Earned		-0.07	
Interest - OC Borrowed		12.92	
LIVESTOCK LABOR		70.00	
MISCELLANEOUS	PIGS	21.00	
PASTURE SHEDS		0.25	
PICKUP TRUCK	3/4 TON	39.76	
PIG STARTER		116.80	
SALES COMMISSION	PIG	28.00	
SOW FEED	GESTAT.	119.56	
SOW FEED	LACTAT.	173.18	
VET. MEDICINE	PIGS	12.80	
VET. MEDICINE	SOWS	6.50	
WATERERS	HOG	0.11	
Total VARIABLE COST		615.18	

Break-Even Price, Total Variable Cost $ 76.89 per cwt. of FEEDER PIGS

GROSS INCOME minus VARIABLE COST -55.18

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	98.97	
Livestock		32.95	
Land	Acre	11.25	
Total FIXED Cost		143.17	

Break-Even Price, Total Cost $ 94.79 per cwt. of FEEDER PIGS

Total of ALL Cost	758.34	
NET PROJECTED RETURNS	-198.34	

15 Sow unit, Fall-spring farrowing, 56 day weaning, 16 pigs weaned per sow per year.
Income from cull animals will buy replacements.

MARKET HOGS
Central Texas District (8)
1989 Projected Costs and Returns per Head

PRODUCTION Description		Quantity	Unit	$ / Unit	Return	Your Estimate
MARKET HOGS	0.98Hd	2.400	cwt.	46.0000	108.19	
Total GROSS Income					108.19	
OPERATING INPUT or CUSTOM OPERATION Description		**Input Use**	**Unit**	**$ / Unit**	**Cost**	
FEEDER PIGS		0.500	cwt.	85.000	42.50	
FINISHING RATION		6.600	cwt.	12.150	80.19	
MARKETING HOGS		0.980	head	3.500	3.43	
MISCELLANEOUS HOGS		1.000	head	1.000	1.00	
VET. MEDICINE HOGS		1.000	head	1.150	1.15	
Fuel					1.00	
Lube					0.10	
Repair					0.34	
Total OPERATING INPUT and CUSTOM OPERATION Costs					129.71	
Residual returns to capital, ownership labor, land, management, and profit					-21.52	
CAPITAL INVESTMENT Description		**Quantity Invested**	**Unit**	**Rate of Return**	**Cost**	
Interest - IT Borrowed		12.693	Dol.	0.105	1.33	
Interest - OC Borrowed		35.258	Dol.	0.105	3.70	
Total CAPITAL INVESTMENT Costs					5.03	
Residual returns to ownership, labor, land, management, and profit					-26.55	
OWNERSHIP COST Description (Depreciation, Taxes, and Insurance)					**Cost**	
Machinery and Equipment					3.29	
Total OWNERSHIP Costs					3.29	
Residual returns to labor, land, management, and profit					-29.84	
LABOR COST Description		**Input Use**	**Unit**	**Average Rate**	**Cost**	
Machinery and Equipment		0.667	Hr.	5.000	3.33	
Other		0.240	Hr.	5.000	1.20	
Total LABOR Costs					4.53	
Residual returns to land, management, and profit					-34.37	
LAND COST Description		**Input Use**	**Unit**	**Rate of Return**	**Cost**	
PASTURE RENT HOGS						
Annual Lease		0.030	Acre	15.000	0.45	
Total LAND Costs					0.45	
Residual returns to management and profit					-34.82	

-WARNING- No Management Cost Specified

Residual returns to profit	-34.82	
Total Projected Cost of Production	143.01	

240 fed per year, 120 fed per bunch, 3.50 pounds feed per pound of gain, 2% death loss.

Projections for Planning Purposes Only
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Market Hogs
Central Texas District (8)
1989 Projected Costs and Returns per Head

GROSS INCOME Description		Quantity	Unit	$ / Unit	Total	Your Estimate
MARKET HOGS	0.98Hd	2.400	cwt.	46.0000	108.19	
Total GROSS Income					108.19	

VARIABLE COST Description		Total	Your Estimate
FEED STORAGE		0.02	
FEEDER PIGS		42.50	
FEEDERS	HOG	0.01	
FEEDING FLOOR		0.00	
FINISHING RATION		80.19	
Interest - OC Borrowed		3.70	
LIVESTOCK LABOR		1.20	
MARKETING	HOGS	3.43	
MISCELLANEOUS	HOGS	1.00	
PICKUP TRUCK	3/4 TON	4.73	
VET. MEDICINE	HOGS	1.15	
WATERERS	HOG	0.00	
Total VARIABLE COST		137.94	

Break-Even Price, Total Variable Cost $ 58.64 per cwt. of MARKET HOGS

GROSS INCOME minus VARIABLE COST -29.75

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	4.62	
Land	Acre	0.45	
Total FIXED Cost		5.07	

Break-Even Price, Total Cost $ 60.80 per cwt. of MARKET HOGS

Total of ALL Cost 143.01

NET PROJECTED RETURNS -34.82

240 fed per year, 120 fed per bunch, 3.50 pounds feed per pound of gain, 2% death loss.

Projections for Planning Purposes Only
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GOAT PRODUCTION

Central Texas District (8)
1989 Projected Costs and Returns per Animal Unit (6 does)

PRODUCTION Description			Quantity	Unit	$ / Unit	Return	Your Estimate
DOES		0.30Hd	70.000	lb.	0.2300	4.83	
KID GOATS			3.780	head	40.0000	151.20	
MOHAIR	ADULT		54.000	lb.	4.4000	237.60	
MOHAIR	KID		18.000	lb.	5.9500	107.10	
Total GROSS Income						500.73	
OPERATING INPUT or CUSTOM OPERATION Description			Input Use	Unit	$ / Unit	Cost	
GRAIN SUPPLEMENT	GOATS		2.000	cwt.	8.150	16.30	
MISCELLANEOUS	GOATS		1.000	head	10.000	10.00	
PREDATOR CONTROL			1.480	head	0.350	0.52	
SALES COMMISSION	GOATS		1.000	head	1.350	1.35	
SALT & MINERALS			0.600	cwt.	17.000	10.20	
VET. MEDICINE	GOATS		12.000	head	0.700	8.40	
SHEARING			18.000	head	1.500	27.00	
Fuel						4.00	
Lube						0.40	
Repair						1.20	
Total OPERATING INPUT and CUSTOM OPERATION Costs						79.37	
Residual returns to capital, ownership labor, land, management, and profit						421.36	
CAPITAL INVESTMENT Description			Quantity Invested	Unit	Rate of Return	Cost	
Interest - IT Borrowed			419.098	Dol.	0.105	44.01	
Interest - OC Borrowed			13.814	Dol.	0.105	1.45	
Interest - OC Earned			-17.027	Dol.	0.053	-0.89	
Total CAPITAL INVESTMENT Costs						44.56	
Residual returns to ownership, labor, land, management, and profit						376.80	
OWNERSHIP COST Description (Depreciation, Taxes, and Insurance)						Cost	
Machinery and Equipment						15.80	
Livestock						20.29	
Total OWNERSHIP Costs						36.09	
Residual returns to labor, land, management, and profit						340.71	
LABOR COST Description			Input Use	Unit	Average Rate	Cost	
Machinery and Equipment			2.667	Hr.	5.000	13.33	
Other			7.999	Hr.	5.001	40.00	
Total LABOR Costs						53.33	
Residual returns to land, management, and profit						287.38	
LAND COST Description			Input Use	Unit	Rate of Return	Cost	
PASTURE RENT	GOATS						
Annual Lease			14.000	Acre	6.000	84.00	
Total LAND Costs						84.00	
Residual returns to management and profit						203.38	

-WARNING- No Management Cost Specified

Residual returns to profit	203.38	
Total Projected Cost of Production	297.35	

75% kid crop, 1 buck per 35 does, 7 % death loss, 12% 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.

Projections for Planning Purposes Only
Not to be Used without Updating after April 8, 1989.

Goat Production
Central Texas District (8)
1989 Projected Costs and Returns per Animal Unit (6 does)

GROSS INCOME Description			Quantity	Unit	$ / Unit	Total	Your Estimate
DOES		0.30Hd	70.000	lb.	0.2300	4.83	
KID GOATS			3.780	head	40.0000	151.20	
MOHAIR	ADULT		54.000	lb.	4.4000	237.60	
MOHAIR	KID		18.000	lb.	5.9500	107.10	
Total GROSS Income						500.73	

VARIABLE COST Description		Total	Your Estimate
GRAIN SUPPLEMENTGOATS		16.30	
Interest - Earned		-0.89	
Interest - OC Borrowed		1.45	
LIVESTOCK LABOR		40.00	
MISCELLANEOUS	GOATS	10.00	
PICKUP TRUCK	3/4 TON	18.93	
PREDATOR CONTROL		0.52	
SALES COMMISSIONGOATS		1.35	
SALT & MINERALS		10.20	
SHEARING		27.00	
VET. MEDICINE	GOATS	8.40	
Total VARIABLE COST		133.26	
GROSS INCOME minus VARIABLE COST		367.47	

FIXED COST Description	Unit	Total	Your Estimate
Machinery and Equipment	Acre	24.78	
Livestock		55.31	
Land	Acre	84.00	
Total FIXED Cost		164.09	
Total of ALL Cost		297.35	
NET PROJECTED RETURNS		203.38	

75% kid crop, 1 buck per 35 does, 7 % death loss, 12% replacement.