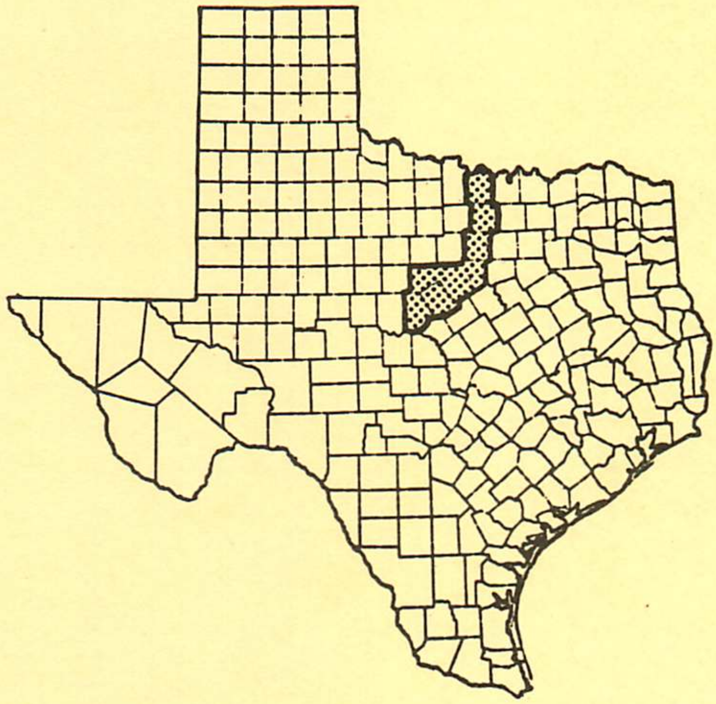

TEXAS CROSS TIMBERS

FOREWORD

The enterprise budgets for Texas Cross Timbers Region are based on estimates of yields, production input quantities, and production practices which represent the best judgment of local producers, county Extension agents-agriculture, financial institution representatives, farm machinery dealers and others knowledgeable of the area. Variation in yields, production inputs and production practices should be expected for particular farms.

Budgets for all major crops produced in the area are included for two levels of management, when applicable. Crop yields are directly related to levels of management. These differences are due largely to timing of operational practices which may not be evident in the budgets.

The machinery inventory is applicable to both typical and high level management. In some budgets custom rates, primarily harvesting, were used in lieu of the assumption that harvesting equipment was owned.

Budgets for establishing permanent type pasture grases were prepared and used for prorating establishment costs in the respective pasture and hay budgets. Forage crops include expenses only because it is expected that the income will be derived from livestock enterprise.

Land charges were based on the customary landlord's crop share less his proportionate share of certain production and harvesting inputs. A per acre land charge was made when crop share was not used.

TEXAS CROSS TIMBERS REGION

Assumed Prices Paid and Received by Farmers 1/

Item	Unit	Price
Prices paid (1977)		
Seed		
Coastal Sprigs	lbs.	$ .04
Forage Sorghum	cwt.	24.00
Grain Sorghum	cwt.	40.00
Kleingrass	lbs.	5.00
Oats	cwt.	11.00
Peanuts, commercial	lb.	.48
Peanuts, certified	lb.	.44
Sudangrass	cwt.	24.00
Wheat	cwt.	13.00
Fertilizer		
Nitrogen	lb.	.19
Phosphorus	lbs.	.16
Potash	lbs.	.10
Labor		
Irrigation	hour	2.50
Tractor	hour	2.50
Custom rates		
Baling	bale	.45
Combining	acre	8.00
Hauling grain	cwt.	.18
Hay Hauling	bale	.20
Peanut drying	ton	14.00
Sprigging (includes sprigs)	acre	17.50
Capital		
Investment	$	.10
Operating	$	.09
Fumigants		
D D Pic	gal.	3.50
Fumazone 86	gal.	9.50
Nemagon 12.1	gal.	9.50
Telone	gal.	3.50
Fuel		
Gasoline	gal.	.477
Diesel	gal.	.354

Item	Unit	Price
Herbicides		
Treflan	5 gal.	$135.00
Cobex	5 gal.	120.00
Balan	5 gal.	40.00
Simazine 80W	lb.	3.45
Lasso	gal.	15.00
2, 4-D (amine)	gal.	7.00
2, 4-D (ester)	gal.	9.00
Vernam, 10G	lb.	.30
Vernam, 6E	gal.	18.00
2, 4-DB		
Insecticides		
Dasanit, 15G	lb.	.75
Dasanit, liquid	gal.	28.50
Dyfonate, 20G	lb.	.85
Sevin, 80W	lb.	1.95
Malathion (55 gal.)	gal.	12.00
Azodrin	gal.	21.50
Methyl parathion	gal.	8.00
Diazionon, 14G	lb.	1.10
Ethyl Parathion	gal.	8.00
Fungicides		
Bravo	gal.	28.00
Benlate	lb.	8.30
Manzate 200	lb.	1.25
Terrachlor, 10G	cwt.	22.00
Terrachlor, 2EC	gal.	6.00
Lannate	gal.	18.60
Nudrin	gal.	17.00
Difolitan	gal.	8.50
Prices received (1977)		
Coastal Hay	ton	50.00
Grain sorghum	cwt.	4.00
Kleingrass hay	ton	50.00
Peanuts	lb.	.195
Sorghum or Sudan hay	ton	50.00

1/ These price assumptions are not to be interpreted as predictions or prospective prices.

TEXAS CROSS TIMBERS REGION

Estimated Machinery and Equipment Cost Per Hour of Use

Machinery Item and Size	Item No.	Purchase Price	Estimated Years of Use	Estimated Hours of Use	Fixed Costs Per Hour	Variable Costs Per Hour
Tractor - 100 HP	1	$18,000	8	6400	$3.52	$4.96
Tractor - 75 HP	3	10,900	8	4800	2.83	3.85
Tractor - 50 HP	5	6,350	12	3600	3.52	3.48
Pickup - ½ ton	10	5,100	4	2000	2.39	5.85
Truck - 2 ton	11	9,895	4	2000	4.63	12.04
Combine peanut - 6.3 feet	16	6,785	6	900	8.41	4.08
Disk-tandem - 13 feet	33	1,480	10	2000	1.08	.32
MB Plow 4 bottom - 4.7 feet	37	1,230	10	1750	1.04	.52
Planter peanut 4R - 12.7 ft	41	2,015	10	1000	3.00	1.20
Planter 4R - 12.7 feet	43	1,615	10	500	4.81	1.81
Chisel - 12.7 feet	45	1,280	10	1000	1.91	.56
Lister/bedder - 12.7 feet	49	1,210	8	960	1.67	.71
Grain drill - 8 feet	53	1,345	10	1000	2.00	.59
Harrow spike - 15 feet	57	520	10	1000	.78	.23
Shredder - 6.3 feet	61	675	8	600	1.50	.55
Cultivator rolling-12.7 ft.	65	1,885	10	1500	1.87	.94
Digger peanut - 6.3 feet	69	2,150	10	1400	2.28	1.15
Sprayer herbicide - 13 ft.	73	375	10	750	.75	.22
Sprayer insecticide-12.7 ft	77	775	10	2000	.58	.17
Sprayer fungicide - 13 ft.	85	375	10	750	.75	.22

COASTAL BERMUDAGRASS ESTAB., DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$_______
TOTAL				$ 0.0
2. VARIABLE COSTS				
PREHARVEST				$
CUSTOM SPRIGGING	ACRE	17.50	1.00	17.50
FERT(60-40-0)	ACRE	17.80	1.00	17.80
FERTILIZER APPLI	APPL	1.50	2.00	3.00
HERBICIDE	ACRE	0.94	1.00	0.94
INSECTICIDE *	ACRE	3.84	0.33	1.27
MACHINERY	ACRE	6.38	1.00	6.38
TRACTORS	ACRE	7.21	1.00	7.21
LABOR(TRACTOR & MACHINERY)	HOUR	2.50	3.66	9.14
INTEREST ON OP. CAP.	DOL.	0.09	40.21	3.62
SUBTOTAL, PRE-HARVEST				$ 66.85
HARVEST COSTS				$_______
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 66.85
3. INCOME ABOVE VARIABLE COSTS				$ -66.85
4. FIXED COSTS				$
MACHINERY	ACRE	3.79	1.00	3.79
TRACTORS	ACRE	5.44	1.00	5.44
LAND (NET RENT)	ACRE	8.00	1.00	8.00
TOTAL FIXED COSTS				$ 17.23
5. TOTAL COSTS				$ 84.09
6. NET RETURNS				$ -84.09

INSECTICIDE APPLICATION NEEDED EACH 3 YEARS.
LAND CHARGE BASED ON PREVAILING RATES IN REGION.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS   PROJECTED 1977

COASTAL BERMUDAGRASS ESTAB., DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
MB PLOW 4 BOTTOM	3.37	JAN	1.00	0.803	0.535	2.75	2.38
DISK-TANDEM	3.33	JAN	1.00	0.239	0.159	0.79	0.71
PICKUP	10	JAN	0.10	0.125	0.100	0.58	0.24
FERT.APPLI,RENTD	3.86	FEB	1.00	0.097	0.064	0.30	0.22
DISK-TANDEM	3.33	FEB	2.00	0.478	0.319	1.58	1.43
HARROW SPIKE	5.57	FEB	1.00	0.222	0.148	0.65	0.61
PICKUP	10	FEB	0.10	0.125	0.100	0.58	0.24
PICKUP	10	MAR	0.10	0.125	0.100	0.58	0.24
PICKUP	10	APR	0.10	0.125	0.100	0.58	0.24
SPRAYER HERBICID	5.73	MAY	1.00	0.331	0.220	0.97	0.91
PICKUP	10	MAY	0.10	0.125	0.100	0.58	0.24
FERT.APPLI,RENTD	3.86	JUNE	1.00	0.097	0.064	0.30	0.22
PICKUP	10	JUNE	0.10	0.125	0.100	0.58	0.24
PICKUP	10	JULY	0.10	0.125	0.100	0.58	0.24
PICKUP	10	AUG	0.10	0.125	0.100	0.58	0.24
SPRAYER INSECT.	5.77	SEPT	0.33	0.141	0.094	0.41	0.37
PICKUP	10	SEPT	0.10	0.125	0.100	0.58	0.24
PICKUP	10	OCT	0.10	0.125	0.100	0.58	0.24
TOTALS				3.657	2.605	13.58	9.23

INSECTICIDE APPLICATION NEEDED EACH 3 YEARS.
LAND CHARGE BASED ON PREVAILING RATES IN REGION.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS   PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 8340130021300 0
ANNUAL CAPITAL MONTH 12

COASTAL BERMUDAGRASS ESTAB., DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$_______
TOTAL				$ 0.0
2. VARIABLE COSTS				
PREHARVEST				$
CUSTOM SPRIGGING	ACRE	17.50	1.00	17.50
FERT(60-40-0)	ACRE	17.80	1.00	17.80
FERTILIZER APPLI	APPL	1.50	2.00	3.00
HERBICIDE	ACRE	0.94	1.00	0.94
INSECTICIDE *	ACRE	3.84	0.33	1.27
MACHINERY	ACRE	6.36	1.00	6.36
TRACTORS	ACRE	8.49	1.00	8.49
LABOR(TRACTOR & MACHINERY)	HOUR	2.50	3.61	9.03
INTEREST ON OP. CAP.	DOL.	0.09	41.17	3.71
SUBTOTAL, PRE-HARVEST				$ 68.10
HARVEST COSTS				$_______
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 68.10
3. INCOME ABOVE VARIABLE COSTS				$ -68.10
4. FIXED COSTS				$
MACHINERY	ACRE	3.74	1.00	3.74
TRACTORS	ACRE	6.17	1.00	6.17
LAND (NET RENT)	ACRE	8.00	1.00	8.00
TOTAL FIXED COSTS				$ 17.91
5. TOTAL COSTS				$ 86.01
6. NET RETURNS				$ -86.01

INSECTICIDE APPLICATION NEEDED EACH 3 YEARS. LAND CHARGE BASED ON PREVAILING RATE IN REGION.

PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS PROJECTED 1977

COASTAL BERMUDAGRASS ESTAB., DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
MB PLOW 4 BOTTOM	1.37	JAN	1.00	0.803	0.535	3.46	2.82
DISK-TANDEM	1.33	JAN	2.00	0.478	0.319	2.00	1.69
PICKUP	10	JAN	0.10	0.125	0.100	0.58	0.24
FERT.APPLI.RENTD	3.86	FEB	1.00	0.097	0.064	0.30	0.22
DISK-TANDEM	1.33	FEB	1.00	0.239	0.159	1.00	0.84
HARROW SPIKE	3.57	FEB	1.00	0.222	0.148	0.72	0.62
SPRAYER INSECT.	5.77	FEB	1.00	0.427	0.285	1.24	1.12
PICKUP	10	FEB	0.10	0.125	0.100	0.58	0.24
PICKUP	10	MAR	0.10	0.125	0.100	0.58	0.24
PICKUP	10	APR	0.10	0.125	0.100	0.58	0.24
PICKUP	10	MAY	0.10	0.125	0.100	0.58	0.24
FERT.APPLI.RENTD	3.86	JUNE	1.00	0.097	0.064	0.30	0.22
PICKUP	10	JUNE	0.10	0.125	0.100	0.58	0.24
PICKUP	10	JULY	0.10	0.125	0.100	0.58	0.24
PICKUP	10	AUG	0.10	0.125	0.100	0.58	0.24
PICKUP	10	SEPT	0.10	0.125	0.100	0.58	0.24
PICKUP	10	OCT	0.10	0.125	0.100	0.58	0.24
TOTALS				3.613	2.575	14.86	9.91

INSECTICIDE APPLICATION NEEDED EACH 3 YEARS. LAND CHARGE BASED ON PREVAILING RATE IN REGION.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS   PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 8340130011300 0
ANNUAL CAPITAL MONTH 12

COASTAL BERMUDAGRASS HAY, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
HAY	TON	50.00	4.00	200.00
TOTAL				$ 200.00
2. VARIABLE COSTS				
PREHARVEST				$
FERT(120-40-40)	ACRE	33.20	1.00	33.20
FERTILIZER APPLI	APPL	1.50	3.00	4.50
INSECTICIDE *	ACRE	3.84	0.33	1.27
MACHINERY	ACRE	5.89	1.00	5.89
TRACTORS	ACRE	2.08	1.00	2.08
LABOR(TRACTOR & MACHINERY)	HOUR	2.50	1.97	4.92
INTEREST ON OP. CAP.	DOL.	0.09	16.99	1.53
SUBTOTAL, PRE-HARVEST				$ 53.39
HARVEST COSTS				$
CUSTOM BALING	BALE	0.45	120.00	54.00
CUSTOM HAUL	BALE	0.20	120.00	24.00
SUBTOTAL, HARVEST				$ 78.00
TOTAL VARIABLE COST				$ 131.39
3. BREAKEVEN PRICE, VARIABLE COSTS	TON			32.848
4. FIXED COSTS				$
MACHINERY	ACRE	2.55	1.00	2.55
TRACTORS	ACRE	1.62	1.00	1.62
PRORATED ESTAB. COST	ACRE	84.09	0.07	5.89
LAND (NET RENT)	ACRE	10.00	1.00	10.00
TOTAL FIXED COSTS				$ 20.05
5. TOTAL COSTS				$ 151.44
6. BREAKEVEN PRICE, TOTAL COSTS	TON			37.861

INSECTICIDE APPLICATION NEEDED EACH 3 YEARS.
ESTABLISHMENT COST PRORATED OVER 15 YEARS.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS PROJECTED 1977

COASTAL BERMUDAGRASS HAY, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP	10	MAR	0.13	0.156	0.125	0.73	0.30
FERT.APPLI.RENTD	3.86	APR	1.00	0.097	0.064	0.30	0.22
PICKUP	10	APR	0.13	0.156	0.125	0.73	0.30
PICKUP	10	MAY	0.13	0.156	0.125	0.73	0.30
FERT.APPLI.RENTD	3.86	JUNE	1.00	0.097	0.064	0.30	0.22
PICKUP	10	JUNE	0.13	0.156	0.125	0.73	0.30
PICKUP	10	JULY	0.13	0.156	0.125	0.73	0.30
PICKUP	10	AUG	0.13	0.156	0.125	0.73	0.30
SPRAYER INSECT.	5.77	SEPT	1.00	0.427	0.285	1.24	1.12
FERT.APPLI.RENTD	3.86	SEPT	1.00	0.097	0.064	0.30	0.22
PICKUP	10	SEPT	0.13	0.156	0.125	0.73	0.30
PICKUP	10	OCT	0.13	0.156	0.125	0.73	0.30
TOTALS				1.967	1.478	7.98	4.16

INSECTICIDE APPLICATION NEEDED EACH 3 YEARS.
ESTABLISHMENT COST PRORATED OVER 15 YEARS.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS   PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 8360130021300 0
ANNUAL CAPITAL MONTH 10

COASTAL BERMUDAGRASS HAY, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
HAY	TON	50.00	7.00	350.00
TOTAL				$ 350.00
2. VARIABLE COSTS				
PREHARVEST				$
FERT(250-50-50)	ACRE	60.50	1.00	60.50
FERTILIZER APPLI	APPL	1.50	3.00	4.50
INSECTICIDE *	ACRE	3.84	0.33	1.27
HERBICIDE	ACRE	0.94	1.00	0.94
MACHINERY	ACRE	5.94	1.00	5.94
TRACTORS	ACRE	3.00	1.00	3.00
LABOR(TRACTOR & MACHINERY)	HOUR	2.50	2.30	5.74
INTEREST ON OP. CAP.	DOL.	0.09	29.57	2.66
SUBTOTAL, PRE-HARVEST				$ 84.56
HARVEST COSTS				$
CUSTOM BALING	BALE	0.45	210.00	94.50
CUSTOM HAUL	BALE	0.20	210.00	42.00
SUBTOTAL, HARVEST				$ 136.50
TOTAL VARIABLE COST				$ 221.06
3. BREAKEVEN PRICE, VARIABLE COSTS	TON			31.579
4. FIXED COSTS				$
MACHINERY	ACRE	2.71	1.00	2.71
TRACTORS	ACRE	2.36	1.00	2.36
PRORATED ESTAB. COST	ACRE	86.01	0.07	6.02
LAND (NET RENT)	ACRE	10.00	1.00	10.00
TOTAL FIXED COSTS				$ 21.09
5. TOTAL COSTS				$ 242.15
6. BREAKEVEN PRICE, TOTAL COSTS	TON			34.592

INSECTICIDE APPLICATION NEEDED EACH 3 YEARS. ESTABLISHMENT COST PRORATED OVER 15 YEARS. LAND CHARGE BASED ON PREVAILING RATES IN REGION.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS PROJECTED 1977

COASTAL BERMUDAGRASS HAY, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP	10	JAN	0.10	0.125	0.100	0.58	0.24
PICKUP	10	FEB	0.10	0.125	0.100	0.58	0.24
PICKUP	10	MAR	0.10	0.125	0.100	0.58	0.24
FERT.APPLI,RENTD	3,86	APR	1.00	0.097	0.064	0.30	0.22
PICKUP	10	APR	0.10	0.125	0.100	0.58	0.24
SPRAYER HERBICID	5,73	MAY	1.00	0.331	0.220	0.97	0.91
PICKUP	10	MAY	0.10	0.125	0.100	0.58	0.24
FERT.APPLI,RENTD	3,86	JUNE	1.00	0.097	0.064	0.30	0.22
PICKUP	10	JUNE	0.10	0.125	0.100	0.58	0.24
PICKUP	10	JULY	0.10	0.125	0.100	0.58	0.24
FERT.APPLI,RENTD	3,86	AUG	1.00	0.097	0.064	0.30	0.22
PICKUP	10	AUG	0.10	0.125	0.100	0.58	0.24
SPRAYER INSECT.	5,77	SEPT	1.00	0.427	0.285	1.24	1.12
PICKUP	10	SEPT	0.10	0.125	0.100	0.58	0.24
PICKUP	10	OCT	0.10	0.125	0.100	0.58	0.24
TOTALS				2.298	1.699	8.94	5.07

INSECTICIDE APPLICATION NEEDED EACH 3 YEARS. ESTABLISHMENT COST PRORATED OVER 15 YEARS. LAND CHARGE BASED ON PREVAILING RATES IN REGION.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS   PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 8360130011300 0
ANNUAL CAPITAL MONTH 10

COASTAL BERMUDAGRASS PASTURE, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$_______
TOTAL				$ 0.0
2. VARIABLE COSTS				
PREHARVEST				$
FERT(60-0-0)	ACRE	11.40	1.00	11.40
FERTILIZER APPLI	APPL	1.50	2.00	3.00
INSECTICIDE *	ACRE	3.84	0.33	1.27
MACHINERY	ACRE	5.89	1.00	5.89
TRACTORS	ACRE	1.78	1.00	1.78
LABOR(TRACTOR & MACHINERY)	HOUR	2.50	1.87	4.68
INTEREST ON OP. CAP.	DOL.	0.09	8.35	0.75
SUBTOTAL, PRE-HARVEST				$ 28.77
HARVEST COSTS				$_______
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 28.77
3. INCOME ABOVE VARIABLE COSTS				$ -28.77
4. FIXED COSTS				$
MACHINERY	ACRE	2.55	1.00	2.55
TRACTORS	ACRE	1.40	1.00	1.40
PRORATED ESTAB. COST	ACRE	84.09	0.07	5.89
LAND (NET RENT)	ACRE	10.00	1.00	10.00
TOTAL FIXED COSTS				$ 19.83
5. TOTAL COSTS				$ 48.61
6. NET RETURNS				$ -48.61

INSECT. APPL. NEEDED EACH 3 YRS. ESTAB. COST PRORATED OVER 15 YRS.LAND CHG BASED ON PREVAILING RATE IN REGION. INCOME FROM CROP REFLECTED IN LIVESTOCK BUDGETS.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS PROJECTED 1977

COASTAL BERMUDAGRASS PASTURE, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP	10	JAN	0.10	0.125	0.100	0.58	0.24
PICKUP	10	FEB	0.10	0.125	0.100	0.58	0.24
PICKUP	10	MAR	0.10	0.125	0.100	0.58	0.24
FERT.APPLI.RENTD	3.86	APR	1.00	0.097	0.064	0.30	0.22
PICKUP	10	APR	0.10	0.125	0.100	0.58	0.24
PICKUP	10	MAY	0.10	0.125	0.100	0.58	0.24
PICKUP	10	JUNE	0.10	0.125	0.100	0.58	0.24
PICKUP	10	JULY	0.10	0.125	0.100	0.58	0.24
FERT.APPLI.RENTD	3.86	AUG	1.00	0.097	0.064	0.30	0.22
PICKUP	10	AUG	0.10	0.125	0.100	0.58	0.24
SPRAYER INSECT.	5.77	SEPT	1.00	0.427	0.285	1.24	1.12
PICKUP	10	SEPT	0.10	0.125	0.100	0.58	0.24
PICKUP	10	OCT	0.10	0.125	0.100	0.58	0.24
TOTALS				1.871	1.414	7.68	3.95

INSECT. APPL. NEEDED EACH 3 YRS. ESTAB. COST PRORATED OVER 15 YRS.LAND CHG BASED ON PREVAILING RATE IN REGION. INCOME FROM CROP REFLECTED IN LIVESTOCK BUDGETS.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 8350130021300 0
ANNUAL CAPITAL MONTH 10

COASTAL BERMUDAGRASS PASTURE, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$_______
TOTAL				$ 0.0
2. VARIABLE COSTS				
PREHARVEST				$
FERT(120-40-0)	ACRE	29.20	1.00	29.20
FERTILIZER APPLI	APPL	1.50	3.00	4.50
INSECTICIDE *	ACRE	3.84	0.33	1.27
HERBICIDE	ACRE	0.94	1.00	0.94
MACHINERY	ACRE	5.94	1.00	5.94
TRACTORS	ACRE	3.00	1.00	3.00
LABOR(TRACTOR & MACHINERY)	HOUR	2.50	2.30	5.74
INTEREST ON OP. CAP.	DOL.	0.09	16.79	1.51
SUBTOTAL, PRE-HARVEST				$ 52.11
HARVEST COSTS				$_______
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 52.11
3. INCOME ABOVE VARIABLE COSTS				$ -52.11
4. FIXED COSTS				$
MACHINERY	ACRE	2.71	1.00	2.71
TRACTORS	ACRE	2.36	1.00	2.36
PRORATED ESTAB. COST	ACRE	86.01	0.07	6.02
LAND (NET RENT)	ACRE	10.00	1.00	10.00
TOTAL FIXED COSTS				$ 21.09
5. TOTAL COSTS				$ 73.20
6. NET RETURNS				$ -73.20

INSECT. APPL. NEEDED EACH 3 YRS. ESTAB. COST PRORATED OVER 15 YRS.LAND CHG BASED ON PREVAILING RATE IN REGION. INCOME FROM CROP REFLECTED IN LIVESTOCK BUDGETS.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS PROJECTED 1977

COASTAL BERMUDAGRASS PASTURE, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP	10	JAN	0.10	0.125	0.100	0.58	0.24
PICKUP	10	FEB	0.10	0.125	0.100	0.58	0.24
PICKUP	10	MAR	0.10	0.125	0.100	0.58	0.24
FERT.APPLI.RENTD	3.86	APR	1.00	0.097	0.064	0.30	0.22
PICKUP	10	APR	0.10	0.125	0.100	0.58	0.24
SPRAYER HERBICID	5.73	MAY	1.00	0.331	0.220	0.97	0.91
PICKUP	10	MAY	0.10	0.125	0.100	0.58	0.24
FERT.APPLI.RENTD	3.86	JUNE	1.00	0.097	0.064	0.30	0.22
PICKUP	10	JUNE	0.10	0.125	0.100	0.58	0.24
PICKUP	10	JULY	0.10	0.125	0.100	0.58	0.24
FERT.APPLI.RENTD	3.86	AUG	1.00	0.097	0.064	0.30	0.22
PICKUP	10	AUG	0.10	0.125	0.100	0.58	0.24
SPRAYER INSECT.	5.77	SEPT	1.00	0.427	0.285	1.24	1.12
PICKUP	10	SEPT	0.10	0.125	0.100	0.58	0.24
PICKUP	10	OCT	0.10	0.125	0.100	0.58	0.24
TOTALS				2.296	1.699	8.94	5.07

INSECT. APPL. NEEDED EACH 3 YRS. ESTAB. COST PRORATED OVER 15 YRS.LAND CHG BASED ON PREVAILING RATE IN REGION. INCOME FROM CROP REFLECTED IN LIVESTOCK BUDGETS.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 8350130011300 0
ANNUAL CAPITAL MONTH 10

GRAIN SORGHUM, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
GRAIN SORGHUM	CWT.	4.50	16.00	72.00
TOTAL				$ 72.00
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.40	7.20	2.88
FERT(32-40-0)	ACRE	12.48	1.00	12.48
FERTILIZER APPLI	APPL	1.50	1.00	1.50
MACHINERY	ACRE	6.22	1.00	6.22
TRACTORS	ACRE	10.37	1.00	10.37
LABOR(TRACTOR & MACHINERY)	HOUR	2.50	4.17	10.42
INTEREST ON OP. CAP.	DOL.	0.09	14.26	1.28
SUBTOTAL, PRE-HARVEST				$ 45.16
HARVEST COSTS				$
CUSTOM COMBINE	ACRE	8.00	1.00	8.00
CUSTOM HAULING	CWT.	0.18	16.00	2.88
SUBTOTAL, HARVEST				$ 10.88
TOTAL VARIABLE COST				$ 56.04
3. BREAKEVEN PRICE, VARIABLE COSTS	CWT.			3.502
4. FIXED COSTS				$
MACHINERY	ACRE	5.58	1.00	5.58
TRACTORS	ACRE	7.62	1.00	7.62
LAND (NET RENT)	ACRE	16.05	1.00	16.05
TOTAL FIXED COSTS				$ 29.25
5. TOTAL COSTS				$ 85.28
6. BREAKEVEN PRICE, TOTAL COSTS	CWT.			5.330

LAND CHARGE BASED ON LANDLORDS SHARE OF 1/3 OF CROP LESS 1/3 OF FERTILIZER, HARVEST AND HAUL.

PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS PROJECTED 1977

GRAIN SORGHUM, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP	10	JAN	0.10	0.125	0.100	0.58	0.24
PICKUP	10	FEB	0.10	0.125	0.100	0.58	0.24
MB PLOW 4 BOTTOM	1,37	MAR	1.00	0.803	0.535	3.46	2.82
DISK-TANDEM	3,33	MAR	1.00	0.239	0.159	0.79	0.71
PICKUP	10	MAR	0.10	0.125	0.100	0.58	0.24
FERT.APPLI,RENTD	3,86	APR	1.00	0.097	0.064	0.30	0.22
DISK-TANDEM	3,33	APR	1.00	0.239	0.159	0.79	0.71
LISTER/BEDDER	3,49	APR	1.00	0.364	0.242	1.29	1.23
PICKUP	10	APR	0.10	0.125	0.100	0.58	0.24
PICKUP	10	MAY	0.10	0.125	0.100	0.58	0.24
PLANTER 4-R	5,43	JUNE	1.20	0.349	0.233	1.39	1.90
CULTIVATOR ROLLG	3,65	JUNE	2.00	0.675	0.450	2.50	2.37
PICKUP	10	JUNE	0.10	0.125	0.100	0.58	0.24
PICKUP	10	JULY	0.10	0.125	0.100	0.58	0.24
SHREDDER	3,61	AUG	1.00	0.404	0.269	1.39	1.32
PICKUP	10	AUG	0.10	0.125	0.100	0.58	0.24
TOTALS				4.169	2.913	16.59	13.19

LAND CHARGE BASED ON LANDLORDS SHARE OF 1/3 OF CROP LESS 1/3 OF FERTILIZER, HARVEST AND HAUL.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS   PROJECTED 1977

BUDGET IDENTIFICATION NUMBER---   73 0130021300 0
ANNUAL CAPITAL MONTH   9

GRAIN SORGHUM, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
GRAIN SORGHUM	CWT.	4.50	20.00	90.00
TOTAL				$ 90.00
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.40	7.20	2.88
FERT(45-40-40)	ACRE	18.95	1.00	18.95
FERTILIZER APPLI	APPL	1.50	1.00	1.50
MACHINERY	ACRE	6.22	1.00	6.22
TRACTORS	ACRE	10.37	1.00	10.37
LABOR(TRACTOR & MACHINERY)	HOUR	2.50	4.17	10.42
INTEREST ON OP. CAP.	DOL.	0.09	17.18	1.55
SUBTOTAL, PRE-HARVEST				$ 51.89
HARVEST COSTS				$
CUSTOM COMBINE	ACRE	8.00	1.00	8.00
CUSTOM HAULING	CWT.	0.18	20.00	3.60
SUBTOTAL, HARVEST				$ 11.60
TOTAL VARIABLE COST				$ 63.49
3. BREAKEVEN PRICE, VARIABLE COSTS	CWT.			3.174
4. FIXED COSTS				$
MACHINERY	ACRE	5.58	1.00	5.58
TRACTORS	ACRE	7.62	1.00	7.62
LAND (NET RENT)	ACRE	19.62	1.00	19.62
TOTAL FIXED COSTS				$ 32.81
5. TOTAL COSTS				$ 96.30
6. BREAKEVEN PRICE, TOTAL COSTS	CWT.			4.815

LAND CHARGE BASED ON LANDLORDS SHARE OF 1/3 OF CROP LESS 1/3 OF FERTILIZER, HARVEST AND HAUL.

PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS   PROJECTED 1977

GRAIN SORGHUM, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP	10	JAN	0.10	0.125	0.100	0.58	0.24
PICKUP	10	FEB	0.10	0.125	0.100	0.58	0.24
MB PLOW 4 BOTTOM	1.37	MAR	1.00	0.803	0.535	3.46	2.82
DISK-TANDEM	3.33	MAR	1.00	0.239	0.159	0.79	0.71
PICKUP	10	MAR	0.10	0.125	0.100	0.58	0.24
PICKUP	10	APR	0.10	0.125	0.100	0.58	0.24
FERT.APPLI.RENTD	3.86	MAY	1.00	0.097	0.064	0.30	0.22
DISK-TANDEM	3.33	MAY	1.00	0.239	0.159	0.79	0.71
LISTER/BEDDER	3.49	MAY	1.00	0.364	0.242	1.29	1.23
PICKUP	10	MAY	0.10	0.125	0.100	0.58	0.24
PLANTER 4-R	5.43	JUNE	1.20	0.349	0.233	1.39	1.90
CULTIVATOR ROLLG	3.65	JUNE	2.00	0.675	0.450	2.50	2.37
PICKUP	10	JUNE	0.10	0.125	0.100	0.58	0.24
PICKUP	10	JULY	0.10	0.125	0.100	0.58	0.24
SHREDDER	3.61	AUG	1.00	0.404	0.269	1.39	1.32
PICKUP	10	AUG	0.10	0.125	0.100	0.58	0.24
TOTALS				4.169	2.913	16.59	13.19

LAND CHARGE BASED ON LANDLORDS SHARE OF 1/3 OF CROP LESS 1/3 OF FERTILIZER, HARVEST AND HAUL.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS   PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 73 0130011300 0
ANNUAL CAPITAL MONTH 9

KLEINGRASS ESTABLISHMENT, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$_______
TOTAL				$ 0.0
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	5.00	2.00	10.00
FERT(60-40-0)	ACRE	17.80	1.00	17.80
FERTILIZER APPLI	APPL	1.50	2.00	3.00
MACHINERY	ACRE	4.13	1.00	4.13
TRACTORS	ACRE	7.36	1.00	7.36
LABOR(TRACTOR & MACHINERY)	HOUR	2.50	2.98	7.46
INTEREST ON OP. CAP.	DOL.	0.09	28.08	2.53
SUBTOTAL, PRE-HARVEST				$ 52.28
HARVEST COSTS				$_______
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 52.28
3. INCOME ABOVE VARIABLE COSTS				$ -52.28
4. FIXED COSTS				$
MACHINERY	ACRE	3.16	1.00	3.16
TRACTORS	ACRE	5.48	1.00	5.48
LAND (NET RENT)	ACRE	8.00	1.00	8.00
TOTAL FIXED COSTS				$ 16.65
5. TOTAL COSTS				$ 68.93
6. NET RETURNS				$ -68.93

LAND CHARGE BASED ON PREVAILING RATES IN REGION.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS PROJECTED 1977

KLEINGRASS ESTABLISHMENT, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP	10	JAN	0.05	0.062	0.050	0.29	0.12
MB PLOW 4 BOTTOM	1,37	FEB	1.00	0.803	0.535	3.46	2.82
DISK-TANDEM	3,33	FEB	1.00	0.239	0.159	0.79	0.71
PICKUP	10	FEB	0.05	0.062	0.050	0.29	0.12
FERT.APPLI,RENTD	3,86	MAR	1.00	0.097	0.064	0.30	0.22
DISK-TANDEM	3,33	MAR	1.00	0.239	0.159	0.79	0.71
HARROW SPIKE	5,57	MAR	1.00	0.222	0.148	0.65	0.61
PICKUP	10	MAR	0.05	0.062	0.050	0.29	0.12
DRILL GRAIN	5,53	APR	1.00	0.537	0.358	1.70	1.92
PICKUP	10	APR	0.05	0.062	0.050	0.29	0.12
PICKUP	10	MAY	0.05	0.062	0.050	0.29	0.12
PICKUP	10	JUNE	0.05	0.062	0.050	0.29	0.12
PICKUP	10	JULY	0.05	0.062	0.050	0.29	0.12
FERT.APPLI,RENTD	3,86	AUG	1.00	0.097	0.064	0.30	0.22
PICKUP	10	AUG	0.05	0.062	0.050	0.29	0.12
PICKUP	10	SEPT	0.05	0.062	0.050	0.29	0.12
PICKUP	10	OCT	0.05	0.062	0.050	0.29	0.12
PICKUP	10	NOV	0.05	0.062	0.050	0.29	0.12
PICKUP	10	DEC	0.05	0.062	0.050	0.29	0.12
TOTALS				2.983	2.089	11.50	8.65

LAND CHARGE BASED ON PREVAILING RATES IN REGION.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 828013002130 0
ANNUAL CAPITAL MONTH 12

KLEINGRASS ESTABLISHMENT, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$_______
TOTAL				$ 0.0
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	5.00	2.00	10.00
FERT(60-40-0)	ACRE	17.80	1.00	17.80
FERTILIZER APPLI	APPL	1.50	2.00	3.00
MACHINERY	ACRE	7.64	1.00	7.64
TRACTORS	ACRE	7.85	1.00	7.85
LABOR(TRACTOR & MACHINERY)	HOUR	2.50	3.73	9.33
INTEREST ON OP. CAP.	DOL.	0.09	30.08	2.71
SUBTOTAL, PRE-HARVEST				$ 58.33
HARVEST COSTS				$_______
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 58.33
3. INCOME ABOVE VARIABLE COSTS				$ -58.33
4. FIXED COSTS				$
MACHINERY	ACRE	4.59	1.00	4.59
TRACTORS	ACRE	5.75	1.00	5.75
LAND (NET RENT)	ACRE	8.00	1.00	8.00
TOTAL FIXED COSTS				$ 18.34
5. TOTAL COSTS				$ 76.67
6. NET RETURNS				$ -76.67

LAND CHARGE BASED ON PREVAILING RATES IN REGION.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS PROJECTED 1977

KLEINGRASS ESTABLISHMENT, DRYLAND, TEXAS CROSS TIMBERS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP	10	JAN	0.10	0.125	0.100	0.58	0.24
MB PLOW 4 BOTTOM	1,37	FEB	1.00	0.803	0.535	3.46	2.82
DISK-TANDEM	1,33	FEB	1.00	0.239	0.159	1.00	0.84
PICKUP	10	FEB	0.10	0.125	0.100	0.58	0.24
FERT.APPLI,RENTD	3,86	MAR	1.00	0.097	0.064	0.30	0.22
DISK-TANDEM	1,33	MAR	1.00	0.239	0.159	1.00	0.84
HARROW SPIKE	3,57	MAR	1.00	0.222	0.148	0.72	0.62
PICKUP	10	MAR	0.10	0.125	0.100	0.58	0.24
DRILL GRAIN	5,53	APR	1.00	0.537	0.358	1.70	1.92
PICKUP	10	APR	0.10	0.125	0.100	0.58	0.24
PICKUP	10	MAY	0.10	0.125	0.100	0.58	0.24
PICKUP	10	JUNE	0.10	0.125	0.100	0.58	0.24
PICKUP	10	JULY	0.10	0.125	0.100	0.58	0.24
FERT.APPLI,RENTD	3,86	AUG	1.00	0.097	0.064	0.30	0.22
PICKUP	10	AUG	0.10	0.125	0.100	0.58	0.24
PICKUP	10	SEPT	0.10	0.125	0.100	0.58	0.24
PICKUP	10	OCT	0.10	0.125	0.100	0.58	0.24
PICKUP	10	NOV	0.10	0.125	0.100	0.58	0.24
PICKUP	10	DEC	0.10	0.125	0.100	0.58	0.24
TOTALS				3.733	2.689	15.49	10.34

LAND CHARGE BASED ON PREVAILING RATES IN REGION.
PREPARED BY JAMES DENTON, TAEX, STEPHENVILLE, TEXAS PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 8280130011300 0
ANNUAL CAPITAL MONTH 12