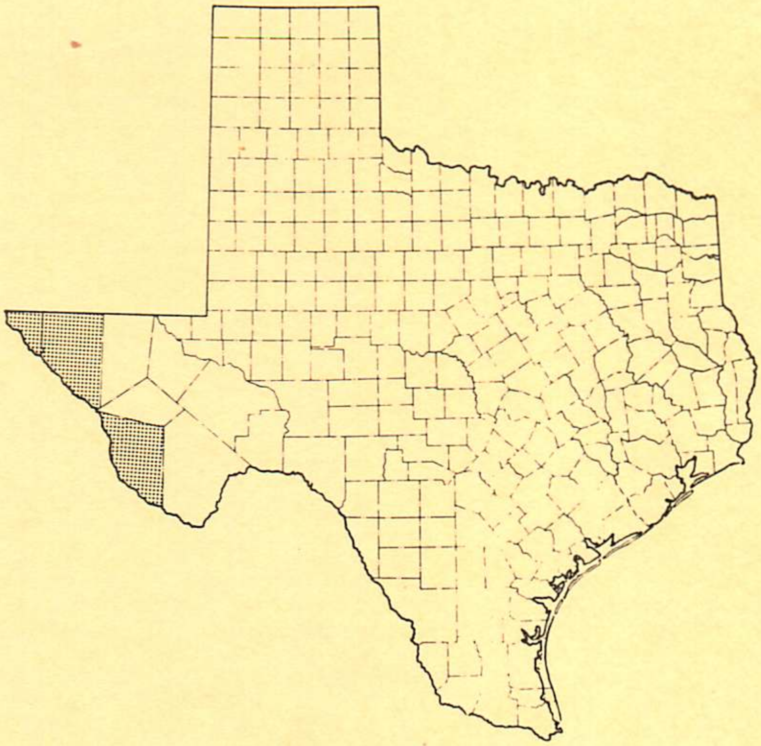

TEXAS EL PASO

FOREWORD

The enterprise budgets for Texas El Paso 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 grasses 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 enterprises.

Land charges were based on customary landlord's crop share less his proportionate share of certain production and harvesting inputs. A per acre land charge was made using a fair market value times an interest rate when crop share was not used.

TEXAS HIGH PLAINS V REGION

Assumed Prices Paid and Received by Farmers 1/

Item	Unit	Price
Prices Paid (1978)		
Seed		
Cotton (Delinted)	lbs.	$ .33
Grain Sorghum	lbs.	.40
Wheat (Cleaned and Treated)	bu.	7.50
Alfalfa	lbs.	.70
Custom Rates		
Cotton (Harvest and Haul)	cwt.	1.00
Combining Wheat (Dryland)	acre	7.00
Combining Wheat (Irrigated)	acre	8.00
Combining Grain Sorghum (Dryland)	acre	8.00
Combining Grain Sorghum (Irrigated)	cwt.	.30
Hauling		
Grain Sorghum	cwt.	.25
Wheat	bu.	.15
Chemical Spraying (Aerial)	acre	2.50
Cotton Ginning	cwt.	1.75
Fuel Lubricants		
Gasoline	gal.	.55
Diesel Fuel	gal.	.42
Fertilizer		
Nitrogen	lb.	.16
Phosphorous	lb.	.20
Labor (Tractor)	hour	5.00
Labor (Irrigation)	hour	5.00
Labor (Other)	hour	2.50

Item	Unit	Price
Chemicals		
Pre-emergence Herbicide	5 gal.	$130.00
Land Lease	acre	
Hail Insurance		
Wheat	$100	10.00
Cotton	$100	12.00
Interest		
Operating	$	.10
Price Received (1978)		
Cotton	lb. line	.44
Cottonseed	ton	60.00
Wheat	bu.	2.20
Grain Sorghum	cwt.	3.30
Alfalfa Hay (Standing in Field)	ton	45.00

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

TEXAS HIGH PLAINS V 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 4 Wh. Dr.	1	$50,400	5	2500	$19.27	$ 8.09
Tractor 2 - 150 HP	2	22,000	5	2500	7.23	5.20
Tractor 3 - 125 HP	3	16,500	5	2500	5.00	4.36
Tractor 4 - 90 HP	4	11,000	5	2500	2.82	3.26
Tractor 5 - 40 HP	5	6,000	10	3000	2.89	2.19
Pickup - 1/2 Ton	10	5,000	3	2100	1.90	2.68
Roll. Cultivator - 20 Ft.	30	2,150	7	1400	1.86	.86
Roll. Cultivator - 26.6 Ft	31	2,800	7	1400	2.42	1.13
Cultivator 8R - 26.6 Ft.	34	3,450	7	1400	2.98	1.40
Lister-Plntr 6R - 20.0 Ft	36	2,700	7	1050	3.12	1.44
Lister-Plntr 8R - 26.6 Ft	37	3,200	7	1050	3.70	1.71
Bed Planter 6R - 20 Ft.	38	2,350	7	1400	2.03	.95
Bed Planter 8R - 26.6 Ft.	39	3,000	7	1400	2.60	1.21
Tandem Disc - 14 Ft.	40	2,000	7	1400	1.72	.81
Tandem Disc - 20 Ft.	41	3,950	7	1400	3.42	1.59
Chisel - 23 Ft.	44	4,150	7	1400	3.59	1.67
Mldb. Rollover - 5.3 Ft.	46	3,000	7	1400	2.60	1.21
Moldboard 6B - 8 Ft.	47	2,200	7	1400	1.90	.88
Sandfighter - 22.5 Ft.	51	535	7	700	.93	.43
Packer - 8.3 Ft.	53	350	7	1400	.30	.15
Lister 6R - 20 Ft.	54	1,050	7	1050	1.21	.57
Lister 8R - 26.6 Ft.	55	1,650	7	1050	1.89	.90
Shredder - 6.6 Ft.	56	650	7	975	.90	.42
Shredder 4R - 13.3 Ft.	57	2,000	7	875	2.76	1.29
Grain Drill - 13.5 Ft.	58	2,300	7	840	3.33	1.53
Herb Spr/Disc - 14 Ft.	61	450	7	700	.79	.35

ALFALFA ESTABLISHMENT, SPRINKLER IRRIGATED, HIGH PLAINS V REGION
ESTIMATED COSTS AND RETURNS PER ACRE
SANDY SOILS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$_______
TOTAL				$ 0.0
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.70	22.00	15.40
FERT(20-100-60)	ACRE	35.20	1.00	35.20
MACHINERY	ACRE	2.42	1.00	2.42
TRACTORS	ACRE	4.29	1.00	4.29
IRRIGATION MACHINERY	ACRE	28.50	1.00	28.50
LABOR(TRACTOR & MACHINERY)	HOUR	5.00	1.85	9.23
LABOR(IRRIGATION)	HOUR	5.00	0.50	2.50
INTEREST ON OP. CAP.	DOL.	0.10	24.67	2.47
SUBTOTAL, PRE-HARVEST				$ 100.01
HARVEST COSTS				$_______
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 100.01
3. INCOME ABOVE VARIABLE COSTS				$-100.01
4. FIXED COSTS				$
MACHINERY	ACRE	3.28	1.00	3.28
TRACTORS	ACRE	5.18	1.00	5.18
IRRIGATION MACHINERY	ACRE	26.50	1.00	26.50
LAND (NET RENT)	ACRE	46.75	1.00	46.75
TOTAL FIXED COSTS				$ 81.71
5. TOTAL COSTS				$ 181.72
6. NET RETURNS				$-181.72

LAND CHARGE BASED ON RATES IN REGION, $60/ACRE, LESS 50 PCT. OF IRRIGATION FIXED COSTS.
PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS PROJECTED 1978

ALFALFA ESTABLISHMENT, SPRINKLER IRRIGATED, HIGH PLAINS V REGION
ESTIMATED COSTS AND RETURNS PER ACRE
SANDY SOILS

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
MOLDBOARD 6B TM	2.47	JUNE	1.00	0.514	0.343	2.44	3.62
PACKER TM	53	JUNE	1.00	0.0	0.329	0.05	0.10
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.27	0.19
TANDEM DISC TM	3.41	AUG	1.00	0.177	0.118	0.80	1.11
TANDEM DISC TM	3.41	AUG	1.00	0.177	0.118	0.80	1.11
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.27	0.19
GRAIN DRILL TM	4.58	SEPT	1.00	0.353	0.235	1.28	1.58
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	OCT	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	NOV	0.10	0.125	0.100	0.27	0.19
TOTALS				1.845	1.642	6.72	8.46

LAND CHARGE BASED ON RATES IN REGION, $60/ACRE, LESS 50 PCT. OF IRRIGATION FIXED COSTS.
PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 811007302 770 0
ANNUAL CAPITAL MONTH 12

ALFALFA, SPRINKLER IRRIGATED, HIGH PLAINS V REGION
ESTIMATED COSTS AND RETURNS PER ACRE
SANDY SOILS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
HAY	TON	45.00	7.00	315.00
TOTAL				$ 315.00
2. VARIABLE COSTS				
PREHARVEST				$
FERT(0-100-60)	ACRE	32.00	1.00	32.00
MACHINERY	ACRE	1.34	1.00	1.34
IRRIGATION MACHINERY	ACRE	96.90	1.00	96.90
LABOR(TRACTOR & MACHINERY)	HOUR	5.00	0.62	3.12
LABOR(IRRIGATION)	HOUR	5.00	1.70	8.50
INTEREST ON OP. CAP.	DOL.	0.10	48.95	4.89
SUBTOTAL, PRE-HARVEST				$ 146.76
HARVEST COSTS				$______
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 146.76
3. INCOME ABOVE VARIABLE COSTS				$ 168.24
4. FIXED COSTS				$
MACHINERY	ACRE	0.95	1.00	0.95
TRACTORS	ACRE	0.0	1.00	0.0
IRRIGATION MACHINERY	ACRE	90.10	1.00	90.10
PRORATED ESTAB. COST	ACRE	181.12	0.14	25.90
LAND (NET RENT)	ACRE	33.70	1.00	33.70
TOTAL FIXED COSTS				$ 150.65
5. TOTAL COSTS				$ 297.41
6. NET RETURNS				$ 17.59

LAND CHARGE BASED ON LANDLORD'S SHARE (1/4) LESS 50 PCT. OF IRRIGATION FIXED COSTS. ESTAB. COST PRORATED OVER 7 YEARS. CROP SOLD IN FIELD.
PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS PROJECTED 1978

ALFALFA, SPRINKLER IRRIGATED, HIGH PLAINS V REGION
ESTIMATED COSTS AND RETURNS PER ACRE
SANDY SOILS

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	OCT	0.10	0.125	0.100	0.27	0.19
TOTALS				0.625	0.500	1.34	0.95

LAND CHARGE BASED ON LANDLORD'S SHARE (1/4) LESS 50 PCT. OF IRRIGATION FIXED COSTS. ESTAB. COST PRORATED OVER 7 YEARS. CROP SOLD IN FIELD.
PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 81 007602 770 0
ANNUAL CAPITAL MONTH 10

ALFALFA ESTABLISHMENT, FURROW IRRIGATED, HIGH PLAINS V REGION
ESTIMATED COSTS AND RETURNS PER ACRE
SANDY LOAM SOILS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$_______
TOTAL				$ 0.0
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.70	22.00	15.40
FERT(20-100-0)	ACRE	23.20	1.00	23.20
MACHINERY	ACRE	2.21	1.00	2.21
TRACTORS	ACRE	4.70	1.00	4.70
IRRIGATION MACHINERY	ACRE	27.71	1.00	27.71
LABOR(TRACTOR & MACHINERY)	HOUR	5.00	1.85	9.23
LABOR(IRRIGATION)	HOUR	5.00	4.25	21.25
INTEREST ON OP. CAP.	DOL.	0.10	22.03	2.20
SUBTOTAL, PRE-HARVEST				$ 105.91
HARVEST COSTS				$_______
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 105.91
3. INCOME ABOVE VARIABLE COSTS				$-105.91
4. FIXED COSTS				$
MACHINERY	ACRE	3.21	1.00	3.21
TRACTORS	ACRE	5.37	1.00	5.37
IRRIGATION MACHINERY	ACRE	26.35	1.00	26.35
LAND (NET RENT)	ACRE	46.82	1.00	46.82
TOTAL FIXED COSTS				$ 81.75
5. TOTAL COSTS				$ 187.66
6. NET RETURNS				$-187.66

LAND CHARGE BASED ON $60/ACRE LESS 50 PCT. OF IRRIG. FIXED COSTS.
PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS   PROJECTED 1978

ALFALFA ESTABLISHMENT, FURROW IRRIGATED, HIGH PLAINS V REGION
ESTIMATED COSTS AND RETURNS PER ACRE
SANDY LOAM SOILS

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
MLBD ROLLOVER TM	3,46	JUNE	1.00	0.741	0.494	3.18	4.24
PACKER TM	53	JUNE	1.00	0.0	0.329	0.05	0.10
TANDEM DISC TM	3,40	AUG	1.00	0.253	0.168	1.02	1.30
GRAIN DRILL TM	3,58	AUG	1.00	0.353	0.235	1.59	2.19
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	OCT	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	NOV	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	DEC	0.10	0.125	0.100	0.27	0.19
TOTALS				1.846	1.627	6.91	8.58

LAND CHARGE BASED ON $60/ACRE LESS 50 PCT. OF IRRIG. FIXED COSTS.
PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 811007402 720 0
ANNUAL CAPITAL MONTH 12

ALFALFA, FURROW IRRIGATED, HIGH PLAINS V REGION
ESTIMATED COSTS AND RETURNS PER ACRE
SANDY LOAM SOILS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
HAY	TON	45.00	6.50	292.50
TOTAL				$ 292.50
2. VARIABLE COSTS				
PREHARVEST				$
FERT(0-80-40)	ACRE	16.00	1.00	16.00
MACHINERY	ACRE	1.88	1.00	1.88
IRRIGATION MACHINERY	ACRE	81.50	1.00	81.50
LABOR(TRACTOR & MACHINERY)	HOUR	5.00	0.87	4.37
LABOR(IRRIGATION)	HOUR	5.00	12.50	62.50
INTEREST ON OP. CAP.	DOL.	0.10	34.95	3.50
SUBTOTAL, PRE-HARVEST				$ 169.75
HARVEST COSTS				$
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 169.75
3. INCOME ABOVE VARIABLE COSTS				$ 122.75
4. FIXED COSTS				$
MACHINERY	ACRE	1.32	1.00	1.32
TRACTORS	ACRE	0.0	1.00	0.0
IRRIGATION MACHINERY	ACRE	77.50	1.00	77.50
PRORATED ESTAB. COST	ACRE	187.66	0.14	26.84
LAND (NET RENT)	ACRE	21.25	1.00	21.25
TOTAL FIXED COSTS				$ 126.91
5. TOTAL COSTS				$ 296.66
6. NET RETURNS				$ -4.16

LAND CHARGE BASED ON $60/ACRE LESS 50 PCT. OF IRRIG. FIXED COSTS.
ESTABLISHMENT COST PRORATED OVER 7 YEARS. CROP SOLD STANDING IN FIELD.
PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS PROJECTED 1978

ALFALFA, FURROW IRRIGATED, HIGH PLAINS V REGION
ESTIMATED COSTS AND RETURNS PER ACRE
SANDY LOAM SOILS

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.27	0.19
PICKUP 1/2 TON	10	OCT	0.10	0.125	0.100	0.27	0.19
TOTALS				0.875	0.700	1.88	1.32

LAND CHARGE BASED ON $60/ACRE LESS 50 PCT. OF IRRIG. FIXED COSTS.
ESTABLISHMENT COST PRORATED OVER 7 YEARS. CROP SOLD STANDING IN FIELD.
PREPARED BY GARY CONDRA, TAEX, FORT STOCKTON, TEXAS PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 81 007602 720 0
ANNUAL CAPITAL MONTH 10