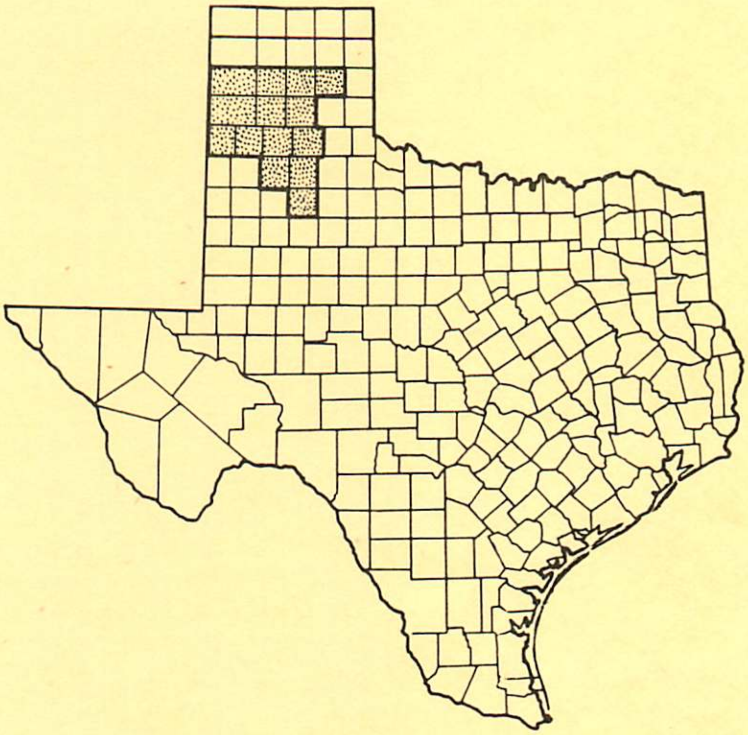

TEXAS HIGH PLAINS II

FOREWORD

The enterprise budgets for Texas High Plains II 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 the customary landlord's crop share less his proportionate share of certain production and harvesting inputs and a percentage of fixed cost on the irrigation system when applicable. A per acre land charge was made when crop share was not used.

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TEXAS HIGH PLAINS II REGION

Assumed Prices Paid and Received by Farmers 1/

Item	Unit	Price
Prices paid (1977)		
Seed		
Cotton (delinted)	lb.	$ .32
Grain Sorghum	lb.	.45
Soybean	lb.	.08
Wheat (cleaned and treated)	bu.	7.50
Alfalfa	lb.	1.50
Corn (for grain)	lb.	.90
Corn (for silage)	lb.	.60
Forage Sorghum	lb.	.35
Sugar Beets	lb.	1.25
Custom rates		
Cotton (strip and haul)	cwt.	1.00
Combining corn	bu.	.30
Combining soybeans	acre	10.00
Combining wheat (dryland)	acre	7.00
Combining wheat (irrigated)	acre	7.00
Combining grain sorghum (dryland)	acre	7.00
Combining grain sorghum (irrigated)	cwt.	.30
Sugar beets (harvest and haul)	ton	1.50
Hay harvest, Swath, bale, haul	bale	.60
Corn (harvest and haul)	bu.	.50
Drying corn	bu.	.10
Hauling		
Corn	bu.	.05
Grain sorghum	cwt.	.10
Soybeans	bu.	.10
Wheat	bu.	.10
Cotton ginning	cwt.	1.25
Fuel and lubricants		
Gasoline	gal.	.40
L.P. gas	gal.	.35
Diesel fuel	gal.	.40
Motor oil (heavy duty, detergent)	gal.	2.40
Fertilizer (bulk)		
Nitrogen (anhydrous)	lb.	.16
Nitrogen (granular)	lb.	.30
Phosphorous	lb.	.30

Item	Unit	Price
Prices paid (1977) - continued		
Labor (except hoeing)	hour	$ 2.75
Labor (hoeing)	hour	2.25
Chemicals		
Pre-emergence herbicide	5 gal.	140.00
Methyl parathion	gal.	5.25
Malathion	gal.	11.00
Land Lease (cash rent)	acre	50.00
Hail Insurance		
Wheat	$100	8.00
Cotton	$100	12.00
Corn	$100	8.00
Interest		.10
Prices received (1977)		
Cotton	lb. Lint	.55
Cotton seed	ton	95.00
Wheat	bu.	3.15
Grain sorghum	cwt.	4.25
Alfalfa hay (standing in field)	ton	45.00
Forage sorghum hay (baled)	ton	45.00
Ensilage (corn) standing in field	ton	15.00
Corn (grain)	bu.	2.60
Soybeans	bu.	5.00
Sugar beets (14% sugar)	ton	15.00

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

TEXAS HIGH PLAINS II 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 1	1	$50,400	5	2500	$19.87	$7.60
Tractor 2	2	22,500	5	5000	4.30	5.09
Tractor 3	3	17,000	5	3750	4.30	3.89
Tractor 4	4	14,000	5	3000	3.29	2.80
Tractor 5	5	6,700	12	3600	2.76	2.20
Pickup	10	5,500	3	2100	1.90	4.26
Rolling Cultivator TM	30	1,700	8	1600	1.47	.05
Rolling Cultivator TM	31	2,400	8	1600	2.07	.07
Cultivator 8R TM	34	1,900	8	1600	1.64	.05
Lister Plntr 6R TM	36	1,500	8	1200	1.73	.06
Bed Planter 8R TM	39	2,500	8	1600	2.16	.07
Tandem Disc TM	40	1,400	8	1600	1.21	.04
Tandem Disc TM	41	2,250	8	1600	1.94	.06
Offset Disc TM	42	2,250	8	1600	1.94	.06
Chisel TM	44	4,000	8	1600	3.45	.11
Moldboard TM	46	1,750	8	1600	1.51	.05
Moldboard 6B TM	47	2,450	8	1600	2.12	.07
Rodweeder TM	50	1,250	8	1920	.90	.03
Sand Fighter TM	51	450	8	1920	.77	.03
Furrow Opener TM	52	1,200	8	960	1.73	.06
Packer TM	53	375	8	960	.32	.01
Lister 6R TM	54	850	8	1200	.97	.03
Lister 8R TM	55	1,200	8	1200	1.38	.05
Shredder 2R TM	56	475	8	1200	.65	.02
Shredder 4R TM	57	2,100	8	1000	2.90	.09
Grain Drill TM	58	1,750	8	1000	2.52	.08

TEXAS HIGH PLAINS II REGION
(continued)

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
Float Box TM	60	$ 500	8	800	$ .86	$ .03
Herb Spr/Disc TM	61	550	8	800	.94	.03
Rolling Cultivator HLM	66	2,400	8	1600	2.07	.07
Cultivator 8R HLM	69	1,900	8	1600	1.64	.05
Lister Plntr 8R HLM	72	1,900	8	1200	2.19	.07
Bed Plntr 8R HLM	74	2,500	8	1600	2.16	.07
Tandem Disc HLM	75	1,400	8	1600	1.21	.04
Tandem Disc HLM	76	2,250	8	1600	1.94	.06
Offset Disc HLM	77	2,250	8	1600	1.94	.06
Chisel HLM	79	4,000	8	1600	3.45	.11
Mlbd Rollover HLM	81	1,750	8	1600	1.51	.05
Moldboard 6B HLM	82	2,450	8	1600	2.12	.07
Rodweeder HLM	85	1,250	8	1920	.90	.03
Sand Fighter HLM	86	450	8	800	.77	.03
Furrow Opener HLM	87	1,200	8	960	1.73	.06
Packer HLM	88	375	8	1600	.32	.01
Lister 6R HLM	89	850	8	1200	.97	.03
Lister 8R HLM	90	1,200	8	1200	1.38	.05
Shredder 2R HLM	91	475	8	1000	.65	.02
Shredder 4R HLM	92	2,100	8	1000	2.90	.09
Grain Drill HLM	93	1,750	8	960	2.52	.08
Grain Drill HLM	94	6,000	8	960	8.62	.28
Float Box HLM	95	500	8	100	.96	.03
Herb Spr/Disc HLM	96	550	8	800	.94	.03

ALFALFA ESTABLISHMENT, IRRIGATED, TEXAS HIGH PLAINS II 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.	1.50	20.00	30.00
AERIAL SEEDING	ACRE	5.00	1.00	5.00
MACHINERY	ACRE	2.20	1.00	2.20
TRACTORS	ACRE	8.91	1.00	8.91
IRRIGATION MACHINERY	ACRE	22.28	1.00	22.28
LABOR(TRACTOR & MACHINERY)	HOUR	4.50	4.06	18.26
LABOR(IRRIGATION)	HOUR	4.00	1.72	6.89
INTEREST ON OP. CAP.	DOL.	0.10	20.73	2.07
SUBTOTAL, PRE-HARVEST				$ 95.62
HARVEST COSTS				$_______
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 95.62
3. INCOME ABOVE VARIABLE COSTS				$ -95.62
4. FIXED COSTS				$
MACHINERY	ACRE	3.21	1.00	3.21
TRACTORS	ACRE	9.83	1.00	9.83
IRRIGATION MACHINERY	ACRE	12.49	1.00	12.49
LAND (NET RENT)	ACRE	18.75	1.00	18.75
TOTAL FIXED COSTS				$ 44.28
5. TOTAL COSTS				$ 139.90
6. NET RETURNS				$-139.90

LAND CHARGE USES $25/ACRE (1/2 ANNUAL RENTAL) LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1977

ALFALFA ESTABLISHMENT, IRRIGATED, TEXAS HIGH PLAINS II 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
MOLDBOARD 4B TM	3.46	JULY	1.00	0.798	0.443	2.09	2.95
TANDEM DISC TM	3.40	JULY	1.00	0.283	0.157	0.74	1.00
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.43	0.19
TANDEM DISC TM	3.40	AUG	2.00	0.566	0.314	1.48	2.00
BOX FLOAT TM	3.60	AUG	2.00	1.305	0.725	3.41	4.36
TANDEM DISC TM	3.40	AUG	1.00	0.283	0.157	0.74	1.00
TANDEM DISC TM	3.41	AUG	1.00	0.198	0.110	0.52	0.78
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	OCT	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	NOV	0.10	0.125	0.100	0.43	0.19
TOTALS				4.058	2.407	11.11	13.04

LAND CHARGE USES $25/ACRE (1/2 ANNUAL RENTAL) LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS   PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 811002402 220 0
ANNUAL CAPITAL MONTH 12

ALFALFA ESTABLISHMENT, IRRIGATED, TEXAS HIGH PLAINS II 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.	1.50	20.00	30.00
AERIAL SEEDING	ACRE	5.00	1.00	5.00
MACHINERY	ACRE	2.21	1.00	2.21
TRACTORS	ACRE	10.40	1.00	10.40
IRRIGATION MACHINERY	ACRE	22.28	1.00	22.28
LABOR(TRACTOR & MACHINERY)	HOUR	4.50	4.63	20.86
LABOR(IRRIGATION)	HOUR	4.00	1.72	6.89
INTEREST ON OP. CAP.	DOL.	0.10	21.22	2.12
SUBTOTAL, PRE-HARVEST				$ 99.75
HARVEST COSTS				$_______
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 99.75
3. INCOME ABOVE VARIABLE COSTS				$ -99.75
4. FIXED COSTS				$
MACHINERY	ACRE	3.26	1.00	3.26
TRACTORS	ACRE	11.47	1.00	11.47
IRRIGATION MACHINERY	ACRE	12.49	1.00	12.49
LAND (NET RENT)	ACRE	18.75	1.00	18.75
TOTAL FIXED COSTS				$ 45.98
5. TOTAL COSTS				$ 145.74
6. NET RETURNS				$-145.74

LAND CHARGE USES $25/ACRE (1/2 ANNUAL RENTAL) LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1977

ALFALFA ESTABLISHMENT, IRRIGATED, TEXAS HIGH PLAINS II 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
MLBD ROLLOVR HLM	3.81	JULY	1.00	0.767	0.426	2.01	2.84
TANDEM DISC HLM	3.75	JULY	1.00	0.235	0.131	0.62	0.83
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.43	0.19
TANDEM DISC HLM	3.75	AUG	2.00	0.471	0.262	1.23	1.66
BOX FLOAT HLM	3.95	AUG	2.00	1.131	0.629	2.95	3.78
LISTER 6R HLM	3.89	AUG	1.00	0.198	0.110	0.52	0.67
PACKER HLM	3.88	AUG	1.00	0.466	0.259	1.21	1.42
GRAIN DRILL HLM	3.93	AUG	1.00	0.275	0.153	0.73	1.17
PACKER HLM	3.88	AUG	1.00	0.466	0.259	1.21	1.42
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	OCT	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	NOV	0.10	0.125	0.100	0.43	0.19
TOTALS				4.635	2.728	12.61	14.74

LAND CHARGE USES $25/ACRE (1/2 ANNUAL RENTAL) LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 811002401 220 0
ANNUAL CAPITAL MONTH 12

ALFALFA, IRRIGATED, TEXAS HIGH PLAINS II 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	45.00	6.00	270.00
TOTAL				$ 270.00
2. VARIABLE COSTS				
PREHARVEST				$
FERT (P)APPL'D	LBS.	0.18	80.00	14.40
MACHINERY	ACRE	3.41	1.00	3.41
IRRIGATION MACHINERY	ACRE	38.19	1.00	38.19
LABOR(TRACTOR & MACHINERY)	HOUR	4.50	1.00	4.50
LABOR(IRRIGATION)	HOUR	4.00	2.95	11.81
INTEREST ON OP. CAP.	DOL.	0.10	19.48	1.95
SUBTOTAL, PRE-HARVEST				$ 74.25
HARVEST COSTS				$
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 74.25
3. INCOME ABOVE VARIABLE COSTS				$ 195.74
4. FIXED COSTS				$
MACHINERY	ACRE	1.51	1.00	1.51
TRACTORS	ACRE	0.0	1.00	0.0
IRRIGATION MACHINERY	ACRE	21.42	1.00	21.42
PRORATED ESTAB. COST	ACRE	139.90	0.20	27.98
LAND (NET RENT)	ACRE	39.29	1.00	39.29
TOTAL FIXED COSTS				$ 90.20
5. TOTAL COSTS				$ 164.45
6. NET RETURNS				$ 105.54

LAND CHARGE USES $50/ACRE LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
ESTABLISHMENT COSTS PRORATED OVER 5 YEARS.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1977

ALFALFA, IRRIGATED, TEXAS HIGH PLAINS II 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 1/2 TON	10	OCT	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.43	0.19
TOTALS				1.000	0.800	3.41	1.51

LAND CHARGE USES $50/ACRE LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
ESTABLISHMENT COSTS PRORATED OVER 5 YEARS.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 81 002602 220 0
ANNUAL CAPITAL MONTH 9

ALFALFA, IRRIGATED, TEXAS HIGH PLAINS II 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	45.00	8.00	360.00
TOTAL				$ 360.00
2. VARIABLE COSTS				
PREHARVEST				$
FERT (P) APPL'D	LBS.	0.18	120.00	21.60
MACHINERY	ACRE	3.41	1.00	3.41
IRRIGATION MACHINERY	ACRE	54.11	1.00	54.11
LABOR(TRACTOR & MACHINERY)	HOUR	4.50	1.00	4.50
LABOR(IRRIGATION)	HOUR	4.00	4.18	16.73
INTEREST ON OP. CAP.	DOL.	0.10	24.67	2.47
SUBTOTAL, PRE-HARVEST				$ 102.81
HARVEST COSTS				$
SUBTOTAL, HARVEST				$ 0.0
TOTAL VARIABLE COST				$ 102.81
3. INCOME ABOVE VARIABLE COSTS				$ 257.19
4. FIXED COSTS				$
MACHINERY	ACRE	1.51	1.00	1.51
TRACTORS	ACRE	0.0	1.00	0.0
IRRIGATION MACHINERY	ACRE	30.34	1.00	30.34
PRORATED ESTAB. COST	ACRE	145.74	0.14	20.84
LAND (NET RENT)	ACRE	34.83	1.00	34.83
TOTAL FIXED COSTS				$ 87.53
5. TOTAL COSTS				$ 190.34
6. NET RETURNS				$ 169.66

LAND CHARGE USES $50/ACRE LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
ESTABLISHMENT COSTS PRORATED OVER 7 YEARS.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS   PROJECTED 1977

ALFALFA, IRRIGATED, TEXAS HIGH PLAINS II 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 1/2 TON	10	OCT	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.43	0.19
TOTALS				1.000	0.800	3.41	1.51

LAND CHARGE USES $50/ACRE LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
ESTABLISHMENT COSTS PRORATED OVER 7 YEARS.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS   PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 81 002301 220 0
ANNUAL CAPITAL MONTH   9

COTTON, DRYLAND, TEXAS HIGH PLAINS II REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
COTTON LINT	LBS.	0.55	150.00	82.50
COTTONSEED	TON	95.00	0.12	11.40
TOTAL				$ 93.90
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.32	15.00	4.80
HERBICIDE	LBS.	7.00	1.00	7.00
HAIL INSURANCE	DOL.	0.12	30.00	3.60
MACHINERY	ACRE	3.91	1.00	3.91
TRACTORS	ACRE	7.49	1.00	7.49
LABOR(TRACTOR & MACHINERY)	HOUR	4.50	4.23	19.04
OTHER LABOR	HOUR	4.00	2.00	8.00
INTEREST ON OP. CAP.	DOL.	0.10	16.98	1.70
SUBTOTAL, PRE-HARVEST				$ 55.54
HARVEST COSTS				$
STRIP & HAUL	CWT.	1.00	7.00	7.00
GIN, BAG, TIES	CWT.	1.25	7.00	8.75
SUBTOTAL, HARVEST				$ 15.75
TOTAL VARIABLE COST				$ 71.29
3. INCOME ABOVE VARIABLE COSTS				$ 22.61
4. FIXED COSTS				$
MACHINERY	ACRE	4.06	1.00	4.06
TRACTORS	ACRE	7.95	1.00	7.95
LAND (NET RENT)	ACRE	21.29	1.00	21.29
TOTAL FIXED COSTS				$ 33.29
5. TOTAL COSTS				$ 104.58
6. NET RETURNS				$ -10.68

LAND CHARGE BASED ON LANDLORD'S SHARE (1/4) OF GROSS, LESS 1/4 OF GINNING.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS   PROJECTED 1977

COTTON, DRYLAND, TEXAS HIGH PLAINS II 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
SHREDDER 2R TM	4.56	DEC	1.00	0.667	0.370	1.25	1.70
TANDEM DISC TM	3.40	DEC	1.00	0.283	0.157	0.74	1.00
PICKUP 1/2 TON	10	DEC	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	JAN	0.10	0.125	0.100	0.43	0.19
MOLDBOARD 6B TM	2.47	FEB	1.00	0.576	0.320	1.98	2.33
PACKER TM	53	FEB	1.00	0.0	0.307	0.00	0.10
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.43	0.19
TANDEM DISC TM	3.40	APR	1.00	0.283	0.157	0.74	1.00
HERB SPR/DISC TM	3.61	APR	1.00	0.283	0.157	0.74	0.96
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.43	0.19
LISTER-PLNTER TM	3.36	MAY	1.25	0.422	0.234	1.11	1.61
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.43	0.19
SAND FIGHTER TM	5.51	JUNE	2.00	0.282	0.157	0.42	0.64
CULTIVATOR 8R TM	4.34	JUNE	2.00	0.310	0.172	0.59	0.96
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	OCT	0.10	0.125	0.100	0.43	0.19
TOTALS				4.230	2.932	11.40	12.00

LAND CHARGE BASED ON LANDLORD'S SHARE (1/4) OF GROSS, LESS 1/4 OF GINNING.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 93 002002 200 0
ANNUAL CAPITAL MONTH 11

COTTON, DRYLAND, TEXAS HIGH PLAINS II REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
COTTON LINT	LBS.	0.55	200.00	110.00
COTTONSEED	TON	95.00	0.16	15.20
TOTAL				$ 125.20
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.32	15.00	4.80
FERT (N) APPL'D	LBS.	0.11	30.00	3.30
HERBICIDE	ACRE	7.00	1.00	7.00
HAIL INSURANCE	DOL.	0.12	40.00	4.80
MACHINERY	ACRE	3.91	1.00	3.91
TRACTORS	ACRE	4.80	1.00	4.80
LABOR(TRACTOR & MACHINERY)	HOUR	4.50	3.08	13.85
OTHER LABOR	HOUR	4.00	2.00	8.00
INTEREST ON OP. CAP.	DOL.	0.10	17.14	1.71
SUBTOTAL, PRE-HARVEST				$ 52.18
HARVEST COSTS				$
STRIP & HAUL	CWT.	1.00	9.00	9.00
GIN, BAG, TIES	CWT.	1.25	9.00	11.25
SUBTOTAL, HARVEST				$ 20.25
TOTAL VARIABLE COST				$ 72.43
3. INCOME ABOVE VARIABLE COSTS				$ 52.77
4. FIXED COSTS				$
MACHINERY	ACRE	4.08	1.00	4.08
TRACTORS	ACRE	5.14	1.00	5.14
LAND (NET RENT)	ACRE	27.40	1.00	27.40
TOTAL FIXED COSTS				$ 36.62
5. TOTAL COSTS				$ 109.05
6. NET RETURNS				$ 16.15

LAND CHARGE BASED ON LANDLORD'S SHARE (1/4) OF GROSS, LESS 1/4 OF FERTILIZER AND GINNING.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1977

COTTON, DRYLAND, TEXAS HIGH PLAINS II 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
SHREDDER 4R HLM	2.92	DEC	1.00	0.279	0.155	0.96	1.25
TANDEM DISC HLM	75	DEC	1.00	0.0	0.131	0.01	0.16
PICKUP 1/2 TON	10	DEC	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	JAN	0.10	0.125	0.100	0.43	0.19
MOLDBOARD 6B HLM	3.82	FEB	1.50	0.762	0.423	2.01	3.07
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.43	0.19
TANDEM DISC HLM	3.76	MAR	1.00	0.165	0.092	0.43	0.65
HERB SPR/DISCHLM	96	MAR	1.00	0.0	0.086	0.00	0.08
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.43	0.19
LIST-PLNTR8R HLM	3.72	MAY	1.25	0.218	0.121	0.57	0.89
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.43	0.19
SANDFIGHTER HLM	5.86	JUNE	2.00	0.267	0.148	0.39	0.61
CULTIVATOR8R HLM	4.69	JUNE	2.00	0.263	0.146	0.50	0.81
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	OCT	0.10	0.125	0.100	0.43	0.19
TOTALS				3.078	2.202	8.71	9.22

LAND CHARGE BASED ON LANDLORD'S SHARE (1/4) OF GROSS, LESS 1/4 OF FERTILIZER AND GINNING.

PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS   PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 93 002001 200 0
ANNUAL CAPITAL MONTH 11

COTTON, IRRIGATED, TEXAS HIGH PLAINS II REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
COTTON LINT	LBS.	0.55	500.00	275.00
COTTONSEED	TON	95.00	0.40	38.00
TOTAL				$ 313.00
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.32	25.00	8.00
FERT (N) APPL'D	LBS.	0.11	40.00	4.40
FERT (P) APPL'D	LBS.	0.19	20.00	3.80
HERBICIDE	ACRE	7.00	1.00	7.00
HAIL INSURANCE	DOL.	0.12	100.00	12.00
MACHINERY	ACRE	4.80	1.00	4.80
TRACTORS	ACRE	8.73	1.00	8.73
IRRIGATION MACHINERY	ACRE	22.28	1.00	22.28
LABOR(TRACTOR & MACHINERY)	HOUR	4.50	4.63	20.84
LABOR(IRRIGATION)	HOUR	4.00	1.72	6.89
OTHER LABOR	HOUR	4.00	3.00	12.00
INTEREST ON OP. CAP.	DOL.	0.10	38.73	3.87
SUBTOTAL, PRE-HARVEST				$ 114.62
HARVEST COSTS				$
STRIP & HAUL	CWT.	1.00	22.00	22.00
GIN, BAG, TIES	CWT.	1.25	22.00	27.50
SUBTOTAL, HARVEST				$ 49.50
TOTAL VARIABLE COST				$ 164.12
3. INCOME ABOVE VARIABLE COSTS				$ 148.88
4. FIXED COSTS				$
MACHINERY	ACRE	5.66	1.00	5.66
TRACTORS	ACRE	8.72	1.00	8.72
IRRIGATION MACHINERY	ACRE	12.49	1.00	12.49
LAND (NET RENT)	ACRE	62.77	1.00	62.77
TOTAL FIXED COSTS				$ 89.65
5. TOTAL COSTS				$ 253.76
6. NET RETURNS				$ 59.24

LAND CHARGE BASED ON LANDLORD SHARE OF 1/4 OF GROSS LESS 1/4 OF FERTILIZER, GINNING AND 50% OF FIXED COST OF IRRIGATION SYSTEM.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1977

COTTON, IRRIGATED, TEXAS HIGH PLAINS II 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
SHREDDER 4R TM	3.57	DEC	1.00	0.331	0.184	0.88	1.48
TANDEM DISC TM	2.41	DEC	1.00	0.198	0.110	0.68	0.78
MOLDBOARD 6B TM	2.47	DEC	1.00	0.576	0.320	1.98	2.33
PICKUP 1/2 TON	10	DEC	0.10	0.125	0.100	0.43	0.19
CHISEL TM	2.44	JAN	1.00	0.200	0.111	0.69	0.96
PICKUP 1/2 TON	10	JAN	0.10	0.125	0.100	0.43	0.19
TANDEM DISC TM	3.41	FEB	1.00	0.198	0.110	0.52	0.78
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.43	0.19
TANDEM DISC TM	3.41	MAR	1.00	0.198	0.110	0.52	0.78
HERB SPR/DISC TM	3.61	MAR	1.00	0.283	0.157	0.74	0.96
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.43	0.19
LISTER 8R TM	2.55	APR	1.00	0.207	0.115	0.71	0.75
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.43	0.19
ROLLING CULT TM	4.31	MAY	1.00	0.155	0.086	0.30	0.52
BED PLANTER8R TM	3.39	MAY	1.25	0.317	0.176	0.84	1.29
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.43	0.19
SAND FIGHTER TM	5.51	JUNE	2.00	0.282	0.157	0.42	0.64
ROLLING CULT TM	4.31	JUNE	2.00	0.310	0.172	0.59	1.04
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.43	0.19
PICKUP 1/2 TON	10	OCT	0.10	0.125	0.100	0.43	0.19
TOTALS				4.630	2.908	13.54	14.38

LAND CHARGE BASED ON LANDLORD SHARE OF 1/4 OF GROSS LESS 1/4 OF
FERTILIZER, GINNING AND 50% OF FIXED COST OF IRRIGATION SYSTEM.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 93 002402 220 0
ANNUAL CAPITAL MONTH 11

COTTON, IRRIGATED, TEXAS HIGH PLAINS II REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				$
COTTON LINT	LBS.	0.55	600.00	330.00
COTTONSEED	TON	95.00	0.47	44.65
TOTAL				$ 374.65
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.32	25.00	8.00
FERT (N) APPL'D	LBS.	0.11	40.00	4.40
FERT (P) APPL'D	LBS.	0.19	20.00	3.80
HERBICIDE	ACRE	7.00	1.50	10.50
HAIL INSURANCE	DOL.	0.12	100.00	12.00
MACHINERY	ACRE	4.78	1.00	4.78
TRACTORS	ACRE	6.71	1.00	6.71
IRRIGATION MACHINERY	ACRE	22.28	1.00	22.28
LABOR(TRACTOR & MACHINERY)	HOUR	4.50	3.95	17.77
LABOR(IRRIGATION)	HOUR	4.00	1.72	6.89
OTHER LABOR	HOUR	4.00	3.00	12.00
INTEREST ON OP. CAP.	DOL.	0.10	38.97	3.83
SUBTOTAL, PRE-HARVEST				$ 113.02
HARVEST COSTS				$
STRIP & HAUL	CWT.	1.00	26.00	26.00
GIN, BAG, TIES	CWT.	1.25	26.00	32.50
SUBTOTAL, HARVEST				$ 58.50
TOTAL VARIABLE COST				$ 171.52
3. INCOME ABOVE VARIABLE COSTS				$ 203.13
4. FIXED COSTS				$
MACHINERY	ACRE	4.89	1.00	4.89
TRACTORS	ACRE	6.82	1.00	6.82
IRRIGATION MACHINERY	ACRE	12.49	1.00	12.49
LAND (NET RENT)	ACRE	77.24	1.00	77.24
TOTAL FIXED COSTS				$ 101.45
5. TOTAL COSTS				$ 272.96
6. NET RETURNS				$ 101.69

LAND CHARGE BASED ON LANDLORD SHARE OF 1/4 OF GROSS LESS 1/4 OF FERTILIZER, GINNING AND 50% OF FIXED COST OF IRRIGATION SYSTEM.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1977