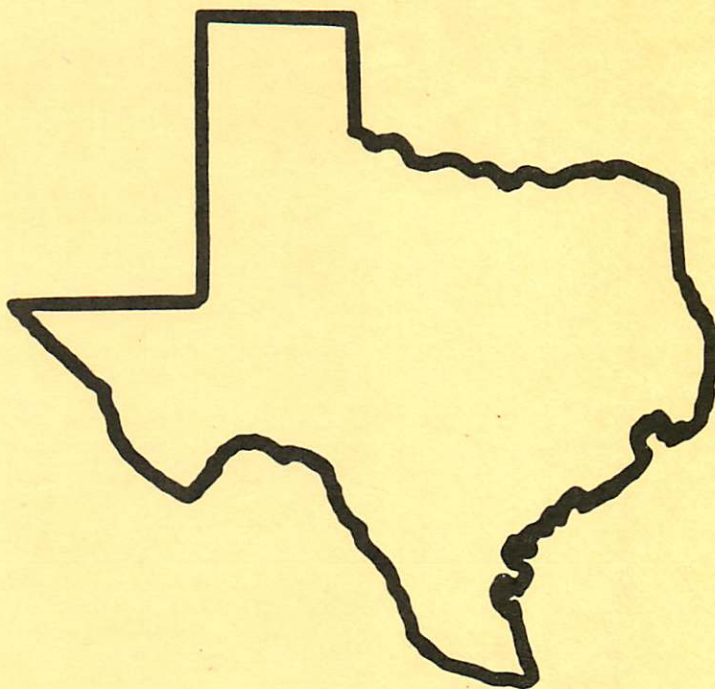




BUDGETS FOR TEXAS CROPS

FOREWORD

Enterprise budgets were developed by the Extension economist-management. Twenty-two production regions were defined by major soil resource areas. The regions have been identified as:

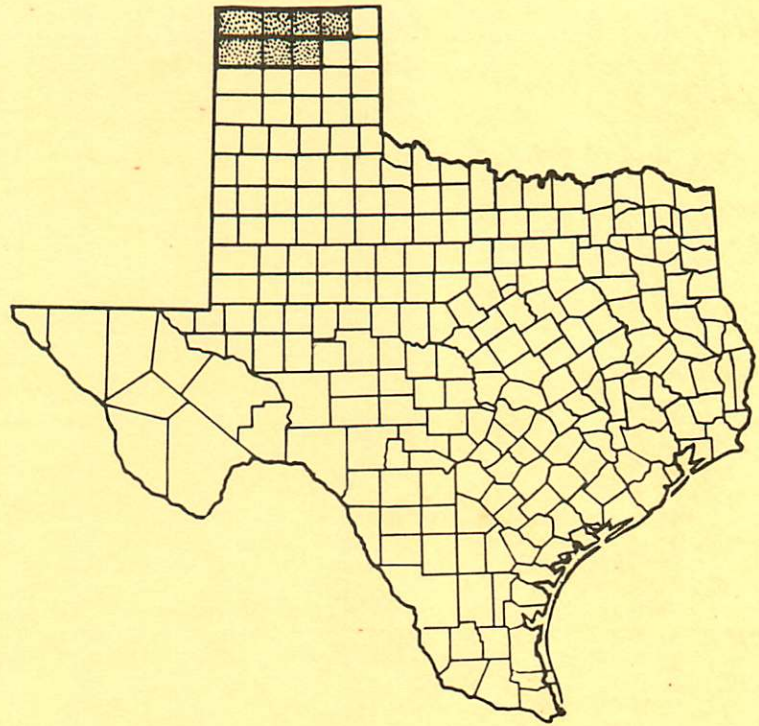
1. HP I (North High Plains)
2. HP II (High Plains Hard Land)
3. HP III (High Plains Mixed Land)
4. HP IV (High Plains Sandy Land)
5. RP I (Eastern Rolling Plains)
6. RP II (Western Rolling Plains)
7. EIP (El Paso)
8. TP (Trans-Pecos)
9. EP I (Western Edwards Plateau)
10. EP II (Eastern Edwards Plateau)
11. NET (North East Texas)
12. WG (Winter Garden)
13. CT (Cross Timbers)
14. GP (Grand Prairie)
15. BP (Blackland Prairie)
16. EA (Edwards Aquifer)
17. ST (South Texas)
18. CB (Coastal Bend)
19. RGV (Rio Grande Valley)
20. ET (East Texas)
21. UC (Upper Coast)
22. MC (Middle Coast)

Budget Development

Dryland and irrigated budgets were developed in each region where applicable for each economically important crop. Data for budget development were acquired through interviews with selected producers, agricultural specialists, financial institutions, agri-business firms, county agricultural agents and others. Area Extension agronomists made significant contributions in specifying production and agronomic practices reflected in the budgets.

Budget Usage

These budgets will provide timely information and guidelines for use by county agents in counseling with producers on enterprises and enterprise combinations. Agricultural financial institutions will find them useful in evaluating enterprises and determining the extent of credit needed by the producers. These data will also be useful to federal and state agricultural agencies for interpreting and evaluating farm programs and policies. These budgets will provide basic data for use by researchers, administrators and government officials in analyzing and evaluating alternative policy consideration.



TEXAS HIGH PLAINS I

FOREWORD

The enterprise budgets for Texas High Plains I 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 bud-

gets 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.

TEXAS HIGH PLAINS I REGION

Assumed Prices Paid and Received by Farmers 1/

Item	Unit	Price
<u>Prices paid (1977)</u>		
Seed		
Grain Sorghum	lb.	\$.45
Wheat (cleaned and treated)	bu.	7.50
Corn (for grain)	lb.	.90
Corn (for silage)	lb.	.60
Forage Sorghum	lb.	.35
Custom rates		
Combining corn	bu.	.30
Combining wheat (dryland)	acre	7.00
Combining wheat (irrigated)	acre	8.70
Combining grain sorghum (dryland)	acre	7.00
Combining grain sorghum (irrigated)	cwt.	.30
Corn Drying	bu.	.10
Hauling		
Corn	bu.	.05
Grain sorghum	cwt.	.10
Wheat	bu.	.10
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
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	60.00

Item	Unit	Price
Hail Insurance		
Wheat	\$100	\$ 8.00
Interest		.10
<u>Prices received (1977)</u>		
Wheat	bu.	3.15
Grain Sorghum	cwt.	4.25
Ensilage (corn) standing in field	ton	15.00
Corn (grain)	bu.	2.60

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

CORN FOR GRAIN, SPRINKLER IRRIGATED, TEXAS HIGH PLAINS 1 REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
CORN	BU.	2.60	125.00	<u>325.00</u>
TOTAL				\$ 325.00
2. VARIABLE COSTS				\$
PREHARVEST				\$
SEED	LBS.	0.90	18.50	16.74
FERT (N) APPL'D	LBS.	0.11	150.00	16.50
FERT (P) APPL'D	LBS.	0.16	40.00	6.40
HERBICIDE	ACRE	8.75	1.00	8.75
INSECTICIDE	ACRE	15.00	1.00	15.00
MACHINERY	ACRE	3.49	1.00	3.49
TRACTORS	ACRE	6.43	1.00	6.43
IRRIGATION MACHINERY	ACRE	48.34	1.00	48.34
LABOR(TRACTOR & MACHINERY)	HOURL	4.50	2.97	13.38
LABOR(IRRIGATION)	HOURL	4.00	0.96	3.34
INTEREST ON OP. CAP.	DOL.	0.10	37.51	<u>3.75</u>
SUBTOTAL, PRE-HARVEST				\$ 142.63
HARVEST COSTS				\$
CUSTOM COMBINE	BU.	0.30	125.00	37.50
CUSTOM HAUL	BU.	0.05	125.00	6.25
CUSTOM DRYING	BU.	0.10	125.00	<u>12.50</u>
SUBTOTAL, HARVEST				\$ 56.25
TOTAL VARIABLE COST				\$ 198.88
3. INCOME ABOVE VARIABLE COSTS				\$ 126.12
4. FIXED COSTS				\$
MACHINERY	ACRE	4.03	1.00	4.03
TRACTORS	ACRE	5.66	1.00	5.66
IRRIGATION MACHINERY	ACRE	29.13	1.00	29.13
LAND (NET RENT)	ACRE	45.44	1.00	<u>45.44</u>
TOTAL FIXED COSTS				\$ 84.26
5. TOTAL COSTS				\$ 283.14
6. NET RETURNS				\$ 41.86

LAND CHARGE BASED ON \$60 LESS 50% OF IRRIGATION FIXED COSTS.

PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS

PROJECTED 1977

CORN FOR GRAIN, SPRINKLER IRRIGATED, TEXAS HIGH PLAINS 1 REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., PER ACRE	FIXED COSTS, REP. PER ACRE
SHREDDER 4R TM	2,57	JAN	1.00	0.331	0.184	1.14	1.48
PICKUP 1/2 TON	10	JAN	0.10	0.125	0.100	0.43	0.19
OFFSET DISC TM	2,42	MAR	1.00	0.283	0.157	0.97	1.12
CHISFL TM	2,44	MAR	2.00	0.400	0.222	1.38	1.92
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.43	0.19
OFFSET DISC TM	2,42	APR	1.50	0.424	0.236	1.46	1.67
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.43	0.19
LISTER-PLNT6R TM	3,36	MAY	1.00	0.338	0.188	0.89	1.29
CULTIVATOR 6R TM	2,33	MAY	1.00	0.198	0.110	0.68	0.70
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				2.974	1.897	9.92	9.69

LAND CHARGE BASED ON \$60 LESS 50% OF IRRIGATION FIXED COSTS.

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

BUDGET IDENTIFICATION NUMBER--- 72 001502 170 0
ANNUAL CAPITAL MONTH 9

TEXAS HIGH PLAINS I 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 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
Pickup 1/2 ton	10	5,500	3	2100	1.90	4.26
Rolling Cultivator TM	30	1,700	8	1600	1.47	.05
Cultivator 6R TM	33	1,400	8	1600	1.21	.04
Cultivator 8R TM	34	1,900	8	1600	1.64	.05
Lister Plntr 6R TM	36	1,500	8	1200	1.73	.06
Tandem Disc TM	40	1,400	8	1600	1.21	.04
Offset Disc TM	42	2,250	8	1600	1.94	.06
Chisel TM	44	4,000	8	1600	3.45	.11
Rodweeder TM	48	1,250	8	1200	1.44	.05
Rodweeder TM	50	2,500	8	1920	1.70	.06
Sand Fighter TM	51	450	8	1920	.77	.03
Rodweeder TM	52	1.250	8	960	1.79	.06
Lister 6R TM	54	850	8	1200	.97	.03
Shredder 4R TM	57	2,100	8	1000	2.90	.09
Grain Drill TM	58	1,750	8	1000	2.52	.08
Box Float TM	60	1,000	8	800	1.73	.06
Herb Spr/Disc TM	61	550	8	800	.94	.03
Rolling Cultivator HLM	65	1,700	8	1600	1.47	.05

(Continued)

TEXAS HIGH PLAINS I 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
Rolling Cultivator HLM	66	\$ 2,400	8	1600	\$ 2.07	\$.07
Cultivator 6R HLM	68	1,400	8	1600	1.21	.04
Cultivator 8R HLM	69	1,900	8	1600	1.64	.05
Grain Drill HLM	70	3,000	8	1200	3.45	.11
Lister Plntr 6R HLM	71	1,500	8	1200	1.73	.06
Lister Plntr 8R HLM	72	1,900	8	1200	2.19	.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
Rodweeder HLM	85	1,250	8	1920	.90	.03
Furrow Opener HLM	86	1,200	8	800	2.07	.07
Rodweeder HLM	87	1,250	8	960	1.79	.06
Lister 6R HLM	89	850	8	1200	.97	.03
Lister 8R HLM	90	1,200	8	1200	1.38	.05
Shredder 4R HLM	92	2,100	8	1000	2.90	.09
Grain Drill HLM	93	1,750	8	960	2.52	.08
Float Box HLM	95	1,000	8	800	1.73	.06
Herb Spr/Disc HLM	96	550	8	800	.94	.03

CORN FOR GRAIN, SPRINKLER IRRIGATED, TEXAS HIGH PLAINS 1 REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
CORN	BU.	2.50	140.00	<u>364.00</u>
TOTAL				\$ 364.00
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	LBS.	0.90	20.00	18.00
FERT (N) APPL'D	LBS.	0.11	180.00	19.80
FERT (P) APPL'D	LBS.	0.16	40.00	6.40
INSECTICIDE	ACRE	20.00	1.00	20.00
MACHINERY	ACRE	3.48	1.00	3.48
TRACTORS	ACRE	5.75	1.00	5.75
IRRIGATION MACHINERY	ACRE	58.01	1.00	58.01
LABOR(TRACTOR & MACHINERY)	HOURL	4.50	2.69	12.12
LABOR(IRRIGATION)	HOURL	4.00	1.15	4.61
INTEREST ON OP. CAP.	DOL.	0.10	39.74	<u>3.97</u>
SUBTOTAL, PRE-HARVEST				\$ 152.14
HARVEST COSTS				\$
CUSTOM COMBINE	BU.	0.30	140.00	42.00
CUSTOM HAUL	BU.	0.05	140.00	7.00
CUSTOM DRYING	BU.	0.10	140.00	<u>14.00</u>
SUBTOTAL, HARVEST				\$ 63.00
TOTAL VARIABLE COST				\$ 215.14
3. INCOME ABOVE VARIABLE COSTS				\$ 148.86
4. FIXED COSTS				\$
MACHINERY	ACRE	3.74	1.00	3.74
TRACTORS	ACRE	4.86	1.00	4.86
IRRIGATION MACHINERY	ACRE	34.95	1.00	34.95
LAND (NET RENT)	ACRE	42.52	1.00	<u>42.52</u>
TOTAL FIXED COSTS				\$ 86.07
5. TOTAL COSTS				\$ 301.21
6. NET RETURNS				\$ 62.79

LAND CHARGE BASED ON \$60 LESS 50% OF IRRIGATION FIXED COSTS.

PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS

PROJECTED 1977

CORN FOR GRAIN, SPRINKLER IRRIGATED, TEXAS HIGH PLAINS 1 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	JAN	1.00	0.279	0.155	0.96	1.25
CHISEL	HLM	2.79	JAN	2.00	0.353	0.196	1.22	1.69
PICKUP 1/2 TON		10	JAN	0.10	0.125	0.100	0.43	0.19
OFFSET DISC	HLM	2.77	MAR	2.00	0.471	0.262	1.62	1.86
PICKUP 1/2 TON		10	MAR	0.10	0.125	0.100	0.43	0.19
TANDEM DISC	HLM	2.76	APR	1.50	0.247	0.137	0.85	0.98
PICKUP 1/2 TON		10	APR	0.10	0.125	0.100	0.43	0.19
LIST-PLNTR8R	HLM	2.72	MAY	1.00	0.174	0.097	0.60	0.71
CULTIVATOR6R	HLM	2.68	MAY	1.00	0.168	0.093	0.57	0.59
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					2.693	1.741	9.23	8.60

LAND CHARGE BASED ON \$60 LESS 50% OF IRRIGATION FIXED COSTS.

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

BUDGET IDENTIFICATION NUMBER--- 72 001501 170 0
ANNUAL CAPITAL MONTH 9

CORN FOR GRAIN, FURROW IRRIGATED, TEXAS HIGH PLAINS 1 REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
CORN	BU.	2.60	110.00	<u>286.00</u>
TOTAL				\$ 286.00
2. VARIABLE COSTS				
PREHARVEST				\$
SEED	LBS.	0.90	18.60	16.74
FERT(150-0-0)	LBS.	0.11	150.00	16.50
HERBICIDE	ACRE	8.75	1.00	8.75
INSECTICIDE	ACRE	15.00	1.00	15.00
MACHINERY	ACRE	4.79	1.00	4.79
TRACTORS	ACRE	8.36	1.00	8.36
IRRIGATION MACHINERY	ACRE	37.87	1.00	37.87
LABOR(TRACTOR & MACHINERY)	HOUR	4.50	4.68	21.07
LABOR(IRRIGATION)	HOUR	4.00	2.71	10.82
INTEREST ON OP. CAP.	DOL.	0.10	42.00	<u>4.20</u>
SUBTOTAL, PRE-HARVEST				\$ 144.12
HARVEST COSTS				\$
CUSTOM COMBINE	BU.	0.30	110.00	33.00
CUSTOM HAUL	BU.	0.05	110.00	5.50
CUSTOM DRYING	BU.	0.10	110.00	<u>11.00</u>
SUBTOTAL, HARVEST				\$ 49.50
TOTAL VARIABLE COST				\$ 193.62
3. INCOME ABOVE VARIABLE COSTS				\$ 92.38
4. FIXED COSTS				\$
MACHINERY	ACRE	5.24	1.00	5.24
TRACTORS	ACRE	9.27	1.00	9.27
IRRIGATION MACHINERY	ACRE	19.63	1.00	19.63
LAND (NET RENT)	ACRE	50.18	1.00	<u>50.18</u>
TOTAL FIXED COSTS				\$ 84.33
5. TOTAL COSTS				\$ 277.94
6. NET RETURNS				\$ 8.06

LAND CHARGE BASED ON \$60 LESS 50% OF IRRIGATION FIXED COSTS.
PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1977

CORN FOR GRAIN, FURROW IRRIGATED, TEXAS HIGH PLAINS 1 REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

							FUEL,OIL, FIXED	
			ITEM	TIMES	LABOR	MACHINE	LUB.,REP.	COSTS
OPERATION	NO.	DATE	OVER	HOURS	HOJRS	PER ACRE	PER ACRE	
SHREDDER 4R TM	3,57	NOV	1.00	0.331	0.184	0.88	1.48	
TANDEM DISC TM	4,40	NOV	1.00	0.283	0.157	0.53	0.81	
PICKUP 1/2 TON	10	NOV	0.10	0.125	0.100	0.43	0.19	
CHISFL TM	3,44	DEC	1.00	0.200	0.111	0.53	0.96	
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	
OFFSET DISC TM	3,42	FEB	1.00	0.283	0.157	0.74	1.11	
TANDEM DISC TM	3,40	FEB	1.00	0.283	0.157	0.74	1.00	
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.43	0.19	
BOX FLOAT TM	3,60	MAR	2.00	0.653	0.363	1.71	2.49	
LISTER 6R TM	3,54	MAR	1.00	0.258	0.143	0.67	0.88	
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.43	0.19	
PODWEEDEE TM	3,48	APR	1.00	0.198	0.110	0.52	0.72	
LISTER-PLNT6R TM	3,36	APR	1.00	0.338	0.188	0.89	1.29	
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	
ROLLING CULT TM	3,30	MAY	1.00	0.198	0.110	0.52	0.73	
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				4.682	2.937	13.17	14.51	

LAND CHARGE BASED ON \$60 LESS 50% OF IRRIGATION FIXED COSTS.

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

BUDGET IDENTIFICATION NUMBER--- 72 001602 120 0

ANNUAL CAPITAL MONTH 9

CORN FOR GRAIN, FURROW IRRIGATED, TEXAS HIGH PLAINS 1 REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
CORN	BU.	2.60	140.00	<u>364.00</u>
TOTAL				\$ 364.00
2. VARIABLE COSTS				
PREHARVEST				\$
SEED	LBS.	0.90	25.00	22.50
FERT (N) APPL'D	LBS.	0.11	180.00	19.80
HERBICIDE	ACRE	8.75	1.00	8.75
INSECTICIDE	ACRE	20.00	1.00	20.00
MACHINERY	ACRE	4.78	1.00	4.78
TRACTORS	ACRE	7.40	1.00	7.40
IRRIGATION MACHINERY	ACRE	44.76	1.00	44.76
LABOR (TRACTOR & MACHINERY)	HOUR	4.50	4.28	19.25
LABOR (IRRIGATION)	HOUR	4.00	3.20	12.79
INTEREST ON OP. CAP.	DOL.	0.10	48.31	<u>4.83</u>
SUBTOTAL, PRE-HARVEST				\$ 154.86
HARVEST COSTS				\$
CUSTOM COMBINE	BU.	0.30	140.00	42.00
CUSTOM HAUL	BU.	0.05	140.00	7.00
CUSTOM DRYING	BU.	0.10	140.00	<u>14.00</u>
SUBTOTAL, HARVEST				\$ 63.00
TOTAL VARIABLE COST				\$ 227.86
3. INCOME ABOVE VARIABLE COSTS				\$ 136.14
4. FIXED COSTS				\$
MACHINERY	ACRE	4.87	1.00	4.87
TRACTORS	ACRE	8.19	1.00	8.19
IRRIGATION MACHINERY	ACRE	23.20	1.00	23.20
LAND (NET RENT)	ACRE	48.40	1.00	<u>48.40</u>
TOTAL FIXED COSTS				\$ 84.66
5. TOTAL COSTS				\$ 312.52
6. NET RETURNS				\$ 51.48

LAND CHARGE BASED ON \$60 LESS 50% OF IRRIGATION FIXED COSTS.

PREPARED BY DR. RAY SAMMONS, TAFX, AMARILLO, TEXAS

PROJECTED 1977

CORN FOR GRAIN, FURROW IRRIGATED, TEXAS HIGH PLAINS 1 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	3,92	NOV	1.00	0.279	0.155	0.74	1.25
TANDEM DISC HLM	3,75	NOV	2.00	0.471	0.262	1.23	1.66
PICKUP 1/2 TON	10	NOV	0.10	0.125	0.100	0.43	0.19
CHISEL HLM	3,79	DEC	1.00	0.177	0.098	0.47	0.84
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
OFFSET DISC HLM	3,77	FEB	1.00	0.235	0.131	0.62	0.93
TANDEM DISC HLM	3,75	FEB	1.00	0.235	0.131	0.62	0.83
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.43	0.19
BOX FLOAT HLM	3,95	MAR	2.00	0.566	0.314	1.49	2.16
LISTER 6R HLM	3,89	MAR	1.00	0.198	0.110	0.52	0.67
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.43	0.19
PODWEEDEE HLM	4,87	APR	1.00	0.180	0.100	0.34	0.57
LIST-PLNTR6R HLM	3,71	APR	1.00	0.232	0.129	0.61	0.89
HERB SPR/DISCHLM	3,96	APR	1.00	0.155	0.086	0.40	0.52
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.43	0.19
ROLLING CULT HLM	3,65	MAY	1.00	0.175	0.097	0.46	0.64
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	<u>0.125</u>	<u>0.100</u>	<u>0.43</u>	<u>0.19</u>
TOTALS				4.278	2.713	12.18	13.06

LAND CHARGE BASED ON \$60 LESS 50% OF IRRIGATION FIXED COSTS.

PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS

PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 72 001701 120 0

ANNUAL CAPITAL MONTH 9

CORN FOR SILAGE, FURROW IRRIGATED, TEXAS HIGH PLAINS 1 REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
CORN SILAGE	TON	15.00	18.00	<u>270.00</u>
TOTAL				\$ 270.00
2. VARIABLE COSTS				
PREHARVEST				\$
SEED	LBS.	0.60	25.00	15.00
FERT (N) APPL'D	LBS.	0.11	180.00	19.80
FERT (P) APPL'D	LBS.	0.19	60.00	11.40
HERBICIDE	ACRE	8.75	1.00	8.75
MACHINERY	ACRE	4.79	1.00	4.79
TRACTORS	ACRE	8.58	1.00	8.58
IRRIGATION MACHINERY	ACRE	37.87	1.00	37.87
LABOR(TRACTOR & MACHINERY)	HOUR	4.50	4.68	21.07
LABOR(IRRIGATION)	HOUR	4.00	2.71	10.82
INTEREST ON OP. CAP.	DOL.	0.10	39.57	<u>3.97</u>
SUBTOTAL, PRE-HARVEST				\$ 142.05
HARVEST COSTS				\$ -----
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 142.05
3. INCOME ABOVE VARIABLE COSTS				\$ 127.95
4. FIXED COSTS				\$
MACHINERY	ACRE	5.28	1.00	5.28
TRACTORS	ACRE	9.46	1.00	9.46
IRRIGATION MACHINERY	ACRE	19.63	1.00	19.63
LAND (NET RENT)	ACRE	50.18	1.00	<u>50.18</u>
TOTAL FIXED COSTS				\$ 84.56
5. TOTAL COSTS				\$ 226.61
6. NET RETURNS				\$ 43.39

LAND CHARGE BASED ON \$60 LESS 50% OF IRRIGATION FIXED COSTS.
CROP SOLD STANDING IN FIELD.

PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS

PROJECTED 1977

CORN FOR SILAGE, FURROW IRRIGATED, TEXAS HIGH PLAINS 1 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	NOV	1.00	0.331	0.184	0.88	1.48
TANDEM DISC TM	3,40	NOV	1.00	0.283	0.157	0.74	1.00
PICKUP 1/2 TON	10	NOV	0.10	0.125	0.100	0.43	0.19
CHISEL TM	3,44	DEC	1.00	0.200	0.111	0.53	0.96
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
OFFSET DISC TM	3,42	FEB	1.00	0.283	0.157	0.74	1.11
TANDEM DISC TM	3,40	FEB	1.00	0.283	0.157	0.74	1.00
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.43	0.19
BOX FLOAT TM	3,60	MAR	2.00	0.653	0.363	1.71	2.49
LISTER 6R TM	3,54	MAR	1.00	0.258	0.143	0.67	0.88
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.43	0.19
RODWEEDER TM	3,52	APR	1.00	0.198	0.110	0.52	0.76
LISTER-PLNT6R TM	3,36	APR	1.00	0.338	0.188	0.89	1.29
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
ROLLING CULT TM	3,30	MAY	1.00	0.198	0.110	0.52	0.73
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	<u>0.125</u>	<u>0.100</u>	<u>0.43</u>	<u>0.19</u>
TOTALS				4.682	2.937	13.37	14.74

LAND CHARGE BASED ON \$60 LESS 50% OF IRRIGATION FIXED COSTS.

CROP SOLD STANDING IN FIELD.

PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS

PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 723001602 120 0

ANNUAL CAPITAL MONTH 9

CORN FOR SILAGE, FURROW IRRIGATED, TEXAS HIGH PLAINS 1 REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
CORN SILAGE	TON	15.50	24.00	<u>372.00</u>
TOTAL				\$ 372.00
2. VARIABLE COSTS				
PREHARVEST				\$
SEED	LBS.	0.60	25.00	15.00
FERT (N) APPL'D	LBS.	0.11	200.00	22.00
FERT (P) APPL'D	LBS.	0.19	60.00	11.40
HERBICIDE	ACRE	8.75	1.00	8.75
MACHINERY	ACRE	4.35	1.00	4.35
TRACTORS	ACRE	6.81	1.00	6.81
IRRIGATION MACHINERY	ACRE	44.76	1.00	44.76
LABOR(TRACTOR & MACHINERY)	HOURL	4.50	3.87	17.43
LABOR(IRRIGATION)	HOURL	4.00	3.20	12.79
INTEREST ON OP. CAP.	DOL.	0.10	42.58	<u>4.26</u>
SUBTOTAL, PRE-HARVEST				\$ 147.55
HARVEST COSTS				\$ -----
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 147.55
3. INCOME ABOVE VARIABLE COSTS				\$ 224.45
4. FIXED COSTS				\$
MACHINERY	ACRE	4.54	1.00	4.54
TRACTORS	ACRE	7.51	1.00	7.51
IRRIGATION MACHINERY	ACRE	23.20	1.00	23.20
LAND (NET RENT)	ACRE	48.40	1.00	<u>48.40</u>
TOTAL FIXED COSTS				\$ 83.65
5. TOTAL COSTS				\$ 231.20
6. NET RETURNS				\$ 140.80

LAND CHARGE BASED ON \$60 LESS 50% OF IRRIGATION FIXED COSTS.
CROP SOLD STANDING IN FIELD.

PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS

PROJECTED 1977

CORN FOR SILAGE, FURROW IRRIGATED, TEXAS HIGH PLAINS 1 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	3.92	NOV	1.00	0.279	0.155	0.74	1.25
TANDEM DISC HLM	3.75	NOV	1.00	0.235	0.131	0.62	0.83
PICKUP 1/2 TON	10	NOV	0.10	0.125	0.100	0.43	0.19
CHISEL HLM	3.79	DEC	1.00	0.177	0.098	0.47	0.84
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
OFFSET DISC HLM	3.77	FEB	1.00	0.235	0.131	0.62	0.93
TANDEM DISC HLM	3.75	FEB	1.00	0.235	0.131	0.62	0.83
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.43	0.19
BOX FLOAT HLM	3.95	MAR	2.00	0.566	0.314	1.49	2.16
LISTER 8R HLM	3.90	MAR	1.00	0.155	0.086	0.41	0.56
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.43	0.19
RODWEEDER HLM	3.87	APR	1.00	0.180	0.100	0.47	0.69
LISTER PLNTR 6R HLM	3.71	APR	1.00	0.232	0.129	0.61	0.89
HERB SPR/DISC HLM	3.96	APR	1.00	0.155	0.086	0.40	0.52
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.43	0.19
ROLLING CULT HLM	3.65	MAY	1.00	0.175	0.097	0.46	0.64
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	SEPT	0.10	0.125	0.100	0.43	0.19
TOTALS				3.874	2.458	11.16	12.05

LAND CHARGE BASED ON \$60 LESS 50% OF IRRIGATION FIXED COSTS.

CROP SOLD STANDING IN FIELD.

PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS

PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 723001701 120 0

ANNUAL CAPITAL MONTH 9

FORAGE SORGHUM, DRYLAND, TEXAS HIGH PLAINS 1 REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
GRAZING	LBS.	0.30	50.00	<u>15.00</u>
TOTAL				\$ 15.00
2. VARIABLE COSTS				
PREHARVEST				\$
SEED	LBS.	0.35	5.00	1.75
MACHINERY	ACRE	2.18	1.00	2.18
TRACTORS	ACRE	2.94	1.00	2.94
LABOR(TRACTOR & MACHINERY)	HOUR	4.50	1.76	7.91
INTEREST ON OP. CAP.	DOL.	0.10	2.56	<u>0.26</u>
SUBTOTAL, PRE-HARVEST				\$ 15.03
HARVEST COSTS				\$
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 15.03
3. INCOME ABOVE VARIABLE COSTS				\$ -0.03
4. FIXED COSTS				\$
MACHINERY	ACRE	2.53	1.00	2.53
TRACTORS	ACRE	3.24	1.00	3.24
LAND (NET RENT)	ACRE	4.95	1.00	<u>4.95</u>
TOTAL FIXED COSTS				\$ 10.72
5. TOTAL COSTS				\$ 25.75
6. NET RETURNS				\$ -10.76

LAND CHARGE BASED ON 33% OF GROSS INCOME.

PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS

PROJECTED 1977

FORAGE SORGHUM, DRYLAND, TEXAS HIGH PLAINS 1 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
CHISEL	TM 3,44	FEB	1.00	0.200	0.111	0.53	0.96
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
CHISEL	TM 3,44	APR	1.00	0.200	0.111	0.53	0.96
TANDEM DISC	TM 3,40	APR	1.00	0.283	0.157	0.74	1.00
GRAIN DRILL	TM 3,58	MAY	1.00	0.449	0.249	1.19	1.91
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	AUG	0.10	<u>2.125</u>	<u>0.100</u>	<u>0.43</u>	<u>0.19</u>
TOTALS				1.757	1.129	5.12	5.77

LAND CHARGE BASED ON 33% OF GROSS INCDME.

PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS

PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 871001002 100 0
ANNUAL CAPITAL MONTH 9

FORAGE SORGHUM, FURROW IRRIGATED, TEXAS HIGH PLAINS 1 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.	0.35	20.00	7.00
FERT (N) APPLIED	LBS.	0.11	150.00	16.50
HERBICIDE	LBS.	8.75	0.50	4.38
MACHINERY	ACRE	3.92	1.00	3.92
TRACTORS	ACRE	5.31	1.00	5.31
IRRIGATION MACHINERY	ACRE	24.10	1.00	24.10
LABOR(TRACTOR & MACHINERY)	HOUR	4.50	3.17	14.27
LABOR(IRRIGATION)	HOUR	4.00	1.72	6.89
INTEREST ON OP. CAP.	DOL.	0.10	23.89	<u>2.39</u>
SUBTOTAL, PRE-HARVEST				\$ 84.74
HARVEST COSTS				\$-----
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 84.74
3. INCOME ABOVE VARIABLE COSTS				\$ -84.74
4. FIXED COSTS				\$
MACHINERY	ACRE	4.28	1.00	4.28
TRACTORS	ACRE	5.85	1.00	5.85
IRRIGATION MACHINERY	ACRE	12.49	1.00	12.49
LAND (NET RENT)	ACRE	33.75	1.00	<u>33.75</u>
TOTAL FIXED COSTS				\$ 56.37
5. TOTAL COSTS				\$ 141.12
6. NET RETURNS				\$-141.12

LAND CHARGE BASED ON \$40 LESS 50% OF IRRIGATION FIXED COSTS.

PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS

PROJECTED 1977

FORAGE SORGHUM, FURROW IRRIGATED, TEXAS HIGH PLAINS 1 REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., PER ACRE	FIXED COSTS PER ACRE
SHREDDER 4R TM	3,57	NOV	1.00	0.331	0.184	0.88	1.48
TANDEM DISC TM	40	NOV	1.00	0.0	0.157	0.01	0.19
PICKUP 1/2 TON	10	NOV	0.10	0.125	0.100	0.43	0.19
CHISEL TM	3,44	DEC	1.00	0.200	0.111	0.53	0.96
PICKUP 1/2 TON	10	DEC	0.10	0.125	0.100	0.43	0.19
TANDEM DISC TM	3,40	FEB	1.00	0.283	0.157	0.74	1.00
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.43	0.19
BOX FLOAT TM	3,60	MAR	1.00	0.326	0.181	0.86	1.25
LISTER 6R TM	3,54	MAR	1.00	0.258	0.143	0.67	0.88
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.43	0.19
RODWEEDER TM	3,52	MAY	1.00	0.198	0.110	0.52	0.76
GRAIN DRILL TM	3,58	MAY	1.00	0.449	0.249	1.19	1.91
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	<u>0.125</u>	<u>0.100</u>	<u>0.43</u>	<u>0.19</u>
TOTALS				3.170	2.193	9.23	10.13

LAND CHARGE BASED ON \$40 LESS 50% OF IRRIGATION FIXED COSTS.

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

BUDGET IDENTIFICATION NUMBER--- 871001402 120 0

ANNUAL CAPITAL MONTH 9