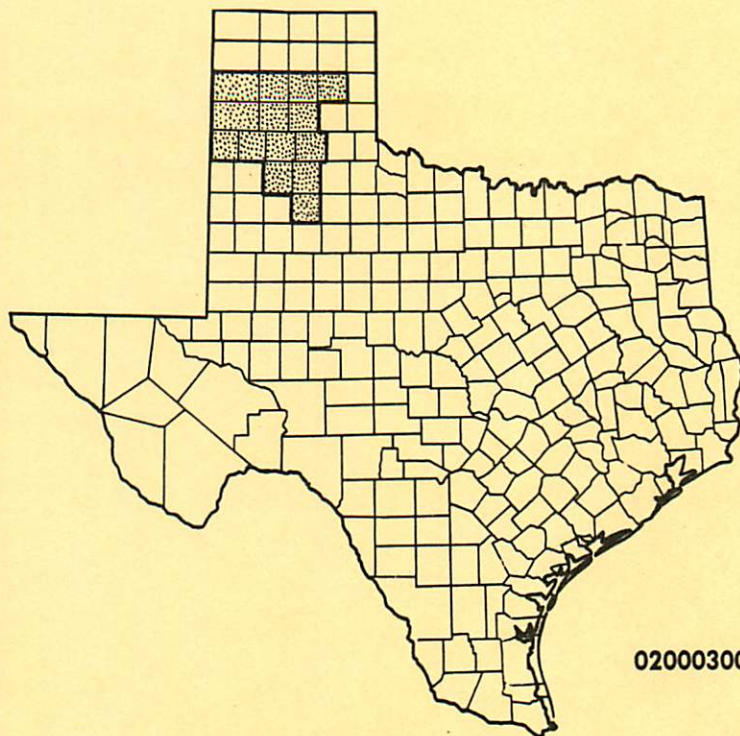




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TEXAS HIGH PLAINS II

FOREWORD

The data contained in this report are based on estimates and actual records of operations within an area described as Texas High Plains II. This area includes the "hardlands" or the Pullman Clay Soils south of the Canadian River in the Texas Panhandle. Variations in inputs and returns exist among farms and managers. However, these budgets should serve as useful guides in planning and decision making for agriculturalists concerned with the area described above.

In order to analyze farm enterprises in Texas High Plains II, certain basic assumptions were necessary.

Farm size was assumed to be 1,150 acres for irrigation and 3,000 acres for dryland. The complement of equipment associated with this farm size is shown on form 02000500.

Two different levels of management, typical and high level, were assumed. High level management was assumed to obtain higher yields with the same fixed resources such as land and irrigation water. In addition, the high level manager made more efficient use of equipment and utilized a more highly skilled labor supply which resulted in lower machinery costs. Thus, machinery and tractor costs for the typical manager were developed by multiplying high level costs by a factor of 1.1 to differentiate between

the two levels of management. Budgets for irrigated crops are based on the assumption of adequate water availability. No attempt was made to impose a cropping pattern on these budgets for the particular farm size.

Grazing data are estimated in pounds of gain. Government payments were based on full allotments for each crop where applicable. No allowance was made for increased costs due to cultivation of set aside acres since it was assumed that benefits derived from clean tillage or planting grazing crops on these acres would offset most of these costs.

Labor was assumed to include the manager's labor plus any additional labor necessary. Wage rates for various jobs ranged from \$1.50 to \$2.00. (See 02000400)

Land charge was estimated on the basis of cash rent for irrigated land minus the fixed costs on the pump and irrigation well. The cash lease varied for different crops. (See 02000400)

Dryland rent was based on $\frac{1}{4}$ of the gross income for cotton and $\frac{1}{3}$ of the gross for other crops. The same percentage division was applied to government payments for dryland.

It was assumed that government payments would not be divided on irrigated land since the operator would pay all variable costs for producing the crops.

HIGH PLAINS II

Assumed Prices Paid And Received By Farmers 1/

Item	Unit	Price
<u>Prices Paid (1975)</u>		
Seed:		
Cotton (delinted)	cwt.	\$ 35.00
Grain Sorghum	cwt.	35.00
Soybean	cwt.	10.00
Wheat (cleaned and treated)	bu.	7.50
Alfalfa	cwt.	175.00
Corn (for grain)	cwt.	90.00
Corn (for silage)	cwt.	75.00
Forage Sorghum	cwt.	32.00
Sugar Beets	cwt.	60.00
Custom Rates:		
Cotton (harvest and haul)	cwt.	1.00
Combining soybeans	acre	12.00
Combining wheat (dryland)	acre	7.50
Combining wheat (irrigated)	acre	12.00
Combining grain sorghum (dryland)	acre	7.50
Combining grain sorghum (irrigated)	cwt.	.30
Sugar beets (harvest and haul)	ton	3.00
Hay harvest, Swath, bale, haul	bale	.60
Corn (harvest and haul)	bu.	.50
Drying corn	bu.	.10
Hauling:		
Grain sorghum	cwt.	.20
Soybeans	bu.	.20
Wheat	bu.	.15
Chemical spraying (aerial)	acre	2.00
Cotton ginning	cwt.	1.25
Fuel and lubricants:		
Gasoline	gal.	.36
L.P. gas	gal.	.24
Diesel fuel	gal.	.35
Motor oil (heavy duty, detergent)	gal.	1.75
Fertilizer (bulk):		
Nitrogen (anhydrous)	lb.	.18
Nitrogen (granular)	lb.	.30
Phosphorous	lb.	.30
Labor (except hoeing)	hour	2.75
Labor (hoeing)	hour	2.00

Assumed Prices Paid And Received By Farmers (cont'd.)

Item	Unit	Price
Chemicals:		
Pre-emergence herbicide	5 gal.	\$135.00
Methyl parathion	gal.	5.25
Malathion	gal.	11.00
Land Lease (cash rent)	acre	50.00
Hail insurance:		
Wheat	\$100	8.00
Cotton	\$100	8.00
Corn	\$100	8.00
Grain Sorghum	\$100	8.00
Interest		
Capital		.08
Operating		.10
<u>Prices Received (1975)</u>		
Cotton	lb. Lint	\$.35
Cotton seed	ton	80.00
Wheat	bu.	3.25
Grain sorghum	cwt.	3.25
Alfalfa hay (standing in field)	ton	20.00
Forage sorghum hay (baled)	ton	30.00
Ensilage (corn) standing in field	ton	12.00
Pasture grazing	lb. gain	.20
Corn (grain)	bu.	2.25
Soybeans	bu.	5.00
Sugar beets (14% sugar)	ton	35.00

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

TEXAS HIGH PLAINS II

Estimated Machinery and Equipment Cost Per Hour of Use

Machinery Item and Size	Purchase Price	Estimated Years of Use	Estimated Hours of Use	Fixed Costs Per Hour	Variable Costs Per Hour
Tractor - 100 HP	\$11025	5	5000	\$2.09	\$2.66
Tractor - 85 HP	8400	8	6400	1.68	2.29
Tractor - 45 HP	3675	12	7200	.84	1.30
Pickup - 1/2 ton	3400	3	2100	1.31	1.85
Rolling Cultivator - 6 row	1785	8	1600	1.52	.94
Moldboard Plow - 4 bottom	1470	8	1600	1.25	.77
Chisel	840	8	1600	.71	.26
Float	1575	10	1000	2.42	.30
Border Disc	210	10	1600	.20	.06
Flex Planter - 6 row	609	5	1000	.64	.41
Lister-Planter	1890	8	1000	3.57	1.27
Tandem Disc	1470	8	1600	1.25	.45
Offset Disc	2100	8	1600	2.78	.67
Grain Drill - 16 feet	1680	10	1200	2.15	1.41
Shredder - 4 row	1470	8	1000	2.01	1.07
Rod Weeder	341	5	1200	.73	.08
Sandfighter	315	10	1000	.48	.07
Bed Shaper	840	12	1596	1.26	.26
Harrow	315	12	1596	.34	.10
Clod Buster	404	12	2004	.34	.15
Beet Thinner	1890	10	1000	2.90	.40
Herb Sprayer	525	10	2000	.40	.67
Tool Bar - 6 row	210	12	2004	.18	.08
Lister - 6 row	945	10	2000	.73	.33
Cultipacker	315	12	1596	.34	.10

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.	1.75	15.00	26.25
FERT(20-80-0)	ACRE	30.00	1.00	30.00
MACHINERY	ACRE	2.12	1.00	2.12
TRACTORS	ACRE	7.08	1.00	7.08
IRRIGATION MACHINERY	ACRE	10.92	1.00	10.92
LABOR(TRACTOR & MACHINERY)	HOUR	2.75	4.42	12.15
LABOR(IRRIGATION)	HOUR	2.75	1.72	4.74
INTEREST ON OP. CAP.	DOL.	0.10	24.50	<u>2.45</u>
SUBTOTAL, PRE-HARVEST				\$ 95.70
HARVEST COSTS				\$-----
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 95.70
3. INCOME ABOVE VARIABLE COSTS				\$ -95.70
4. FIXED COSTS				\$
MACHINERY	ACRE	5.06	1.00	5.06
TRACTORS	ACRE	5.26	1.00	5.26
IRRIGATION MACHINERY	ACRE	15.96	1.00	15.96
LAND (NET RENT)	ACRE	17.02	1.00	<u>17.02</u>
TOTAL FIXED COSTS				\$ 43.30
5. TOTAL COSTS				\$ 139.01
6. NET RETURNS				\$-139.01
LAND CHARGE USES \$25/A. (1/2 ANNUAL RENTAL) LESS 50 PERCENT OF IRRIGATION FIXED COSTS. PROJECTED, 1975				

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

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
MBPLOW 4B	2,36	JULY	1.00	0.712	0.475	0.37	0.59
CLOD BUSTER	64	JULY	1.00	0.0	0.371	0.05	0.13
PICKUP	10	JULY	0.10	0.125	0.100	0.19	0.13
TANDEM DISC	4,48	AUG	2.00	0.478	0.319	0.14	0.40
FLOAT	4,40	AUG	2.00	1.759	1.173	0.36	2.84
BORDER DISC	4,42	AUG	1.00	0.479	0.319	0.02	0.06
FERT.APPLI,RENTD	6,86	AUG	1.00	0.097	0.064	0.0	0.0
GRAIN DRILL	4,52	AUG	1.00	0.269	0.179	0.25	0.39
PICKUP	10	AUG	0.10	0.125	0.100	0.19	0.13
PICKUP	10	SEPT	0.10	0.125	0.100	0.19	0.13
PICKUP	10	OCT	0.10	0.125	0.100	0.19	0.13
PICKUP	10	NOV	0.10	0.125	0.100	0.19	0.13
TOTALS				4.418	3.399	2.12	5.06

LAND CHARGE USES \$25/A. (1/2 ANNUAL RENTAL) LESS 50 PERCENT OF
IRRIGATION FIXED COSTS. PROJECTED, 1975

BUDGET IDENTIFICATION NUMBER --- 08110024 022 2
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.	1.75	15.00	26.25
FERT(20-80-0)	ACRE	30.00	1.00	30.00
MACHINERY	ACRE	2.16	1.00	2.16
TRACTORS	ACRE	7.73	1.00	7.73
IRRIGATION MACHINERY	ACRE	10.92	1.00	10.92
LABOR(TRACTOR & MACHINERY)	HOUR	2.75	5.04	13.87
LABOR(IRRIGATION)	HOUR	2.75	1.72	4.74
INTEREST ON OP. CAP.	DOL.	0.10	24.73	2.47
SUBTOTAL, PRE-HARVEST				\$ 98.14
HARVEST COSTS				\$-----
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 98.14
3. INCOME ABOVE VARIABLE COSTS				\$ -98.14
4. FIXED COSTS				\$
MACHINERY	ACRE	5.20	1.00	5.20
TRACTORS	ACRE	5.68	1.00	5.68
IRRIGATION MACHINERY	ACRE	15.96	1.00	15.96
LAND (NET RENT)	ACRE	17.02	1.00	17.02
TOTAL FIXED COSTS				\$ 43.86
5. TOTAL COSTS				\$ 142.00
6. NET RETURNS				\$-142.00
LAND CHARGE USES \$25/A. (1/2 ANNUAL RENTAL) LESS 50 PERCENT OF IRRIGATION FIXED COSTS. PROJECTED, 1975				

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

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
MBPLOW 48	1,35	JULY	1.00	0.712	0.475	0.37	0.59
CLOD BUSTER	63	JULY	1.00	0.0	0.371	0.05	0.13
PICKUP	10	JULY	0.10	0.125	0.100	0.19	0.13
TANDEM DISC	3,47	AUG	2.00	0.478	0.319	0.14	0.40
FLOAT	3,39	AUG	2.00	1.759	1.173	0.36	2.84
HARROW	5,61	AUG	1.00	0.208	0.139	0.01	0.05
BORDER DISC	3,41	AUG	1.00	0.479	0.319	0.02	0.06
FERT. APPLI, RENTD	5,87	AUG	1.00	0.097	0.064	0.0	0.0
CULTIPACKER	5,73	AUG	1.00	0.208	0.139	0.01	0.05
GRAIN DRILL	3,51	AUG	1.00	0.269	0.179	0.25	0.39
CULTIPACKER	5,73	AUG	1.00	0.208	0.139	0.01	0.05
PICKUP	10	AUG	0.10	0.125	0.100	0.19	0.13
PICKUP	10	SEPT	0.10	0.125	0.100	0.19	0.13
PICKUP	10	OCT	0.10	0.125	0.100	0.19	0.13
PICKUP	10	NOV	0.10	0.125	0.100	0.19	0.13
TOTALS				5.044	3.816	2.16	5.20

LAND CHARGE USES \$25/A. (1/2 ANNUAL RENTAL) LESS 50 PERCENT OF IRRIGATION
FIXED COSTS PROJECTED, 1975

BUDGET IDENTIFICATION NUMBER --- 08110024 012 2
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	20.00	6.00	\$ 120.00
TOTAL				\$ 120.00
2. VARIABLE COSTS				\$
PREHARVEST				\$
FERT(0-60-0)	ACRE	18.00	1.00	18.00
MACHINERY	ACRE	1.49	1.00	1.49
TRACTORS	ACRE	0.10	1.00	0.10
IRRIGATION MACHINERY	ACRE	18.72	1.00	18.72
LABOR(TRACTOR & MACHINERY)	HOURL	2.75	1.10	3.02
LABOR(IRRIGATION)	HOURL	2.75	2.95	8.12
INTEREST ON OP. CAP.	DOL.	0.10	15.01	1.50
SUBTOTAL, PRE-HARVEST				\$ 50.94
HARVEST COSTS				\$
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 50.94
3. INCOME ABOVE VARIABLE COSTS				\$ 69.06
4. FIXED COSTS				\$
MACHINERY	ACRE	1.05	1.00	1.05
TRACTORS	ACRE	0.07	1.00	0.07
IRRIGATION MACHINERY	ACRE	27.36	1.00	27.36
PRORATED ESTAB. COST	ACRE	141.75	0.20	28.35
LAND (NET RENT)	ACRE	36.32	1.00	36.32
TOTAL FIXED COSTS				\$ 93.14
5. TOTAL COSTS				\$ 144.08
6. NET RETURNS				\$ -24.08

LAND CHARGE USES \$50/A. LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
ESTABLISHMENT COSTS PRORATED OVER 5 YEARS. PROJECTED, 1975

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

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

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OF COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
HAY	TON	20.00	8.00	160.00
TOTAL				\$ 160.00
2. VARIABLE COSTS				\$
PREHARVEST				
FERT(0-100-0)	ACRE	30.00	1.00	30.00
MACHINERY	ACRE	1.49	1.00	1.49
TRACTORS	ACRE	0.10	1.00	0.10
IRRIGATION MACHINERY	ACRE	26.52	1.00	26.52
LABOR(TRACTOR & MACHINERY)	HOUR	2.75	1.10	3.02
LABOR(IRRIGATION)	HOUR	2.75	4.18	11.50
INTEREST ON OP. CAP.	COL.	0.10	21.79	2.18
SUBTOTAL, PRE-HARVEST				\$ 74.80
HARVEST COSTS				\$ -----
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 74.80
3. INCOME ABOVE VARIABLE COSTS				\$ 85.20
4. FIXED COSTS				\$
MACHINERY	ACRE	1.05	1.00	1.05
TRACTORS	ACRE	0.07	1.00	0.07
IRRIGATION MACHINERY	ACRE	38.76	1.00	38.76
PRORATED ESTAB. COST	ACRE	144.79	0.14	20.70
LAND (NET RENT)	ACRE	30.62	1.00	30.62
TOTAL FIXED COSTS				\$ 91.20
5. TOTAL COSTS				\$ 166.00
6. NET RETURNS				\$ -6.00

LAND CHARGE USES \$50/A. LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
ESTABLISHMENT COSTS PRORATED OVER 7 YEARS. PROJECTED, 1975

BUDGET IDENTIFICATION NUMBER --- 81 002801 220 0
ANNUAL CAPITAL MONTH 9

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	10	OCT	0.10	0.125	0.100	0.19	0.13
FERT.APPLI,RENTD	5,87	MAR	1.00	0.097	0.064	0.0	0.0
PICKUP	10	MAR	0.10	0.125	0.100	0.19	0.13
PICKUP	10	APR	0.10	0.125	0.100	0.19	0.13
PICKUP	10	MAY	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JUNE	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JULY	0.10	0.125	0.100	0.19	0.13
PICKUP	10	AUG	0.10	0.125	0.100	0.19	0.13
PICKUP	10	SEPT	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.19</u>	<u>0.13</u>
TOTALS				1.097	0.864	1.49	1.05

LAND CHARGE USES \$50/A. LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
ESTABLISHMENT COSTS PRORATED OVER 7 YEARS. PROJECTED, 1975

BUDGET IDENTIFICATION NUMBER --- 081 0028 012 2
ANNUAL CAPITAL MONTH 9

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

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OF COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
CORN	BU.	2.25	130.00	<u>292.50</u>
TOTAL				\$ 292.50
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	LBS.	0.90	25.00	22.50
FERT(150-60-0)	ACRE	48.60	1.00	48.60
INSECTICIDE	ACRE	4.00	1.00	4.00
HAIL INSURANCE	DOL.	0.08	125.00	10.00
MACHINERY	ACRE	3.47	1.00	3.47
TRACTORS	ACRE	7.60	1.00	7.60
IRRIGATION MACHINERY	ACRE	17.16	1.00	17.16
LABOR(TRACTOR & MACHINERY)	HOUR	2.75	5.48	15.07
LABOR(IRRIGATION)	HOUR	2.75	2.71	7.44
INTEREST ON OP. CAP.	DOL.	0.10	59.65	<u>5.96</u>
SUBTOTAL, PRE-HARVEST				\$ 141.81
HARVEST COSTS				\$
CUSTOM COMBINE	BU.	0.30	130.00	39.00
CUSTOM HAUL	BU.	0.20	130.00	26.00
CUSTOM DRYING	BU.	0.10	130.00	<u>13.00</u>
SUBTOTAL, HARVEST				\$ 78.00
TOTAL VARIABLE COST				\$ 219.81
3. INCOME ABOVE VARIABLE COSTS				\$ 72.69
4. FIXED COSTS				\$
MACHINERY	ACRE	6.32	1.00	6.32
TRACTORS	ACRE	5.69	1.00	5.69
IRRIGATION MACHINERY	ACRE	25.08	1.00	25.08
LAND (NET RENT)	ACRE	40.89	1.00	<u>40.89</u>
TOTAL FIXED COSTS				\$ 77.97
5. TOTAL COSTS				\$ 297.79
6. NET RETURNS				\$ -5.20

LAND (NET RENT) BASED ON LANDLORD'S SHARE OF 1/3 OF GROSS INCOME
LESS 1/3 OF FERTILIZER, INSECTICIDE, HARVESTING, HAULING, DRYING
AND 50% OF FIXED IRRIGATION COSTS. PROJECTED, 1975

BUDGET IDENTIFICATION NUMBER --- 72 002402 220 0
ANNUAL CAPITAL MONTH 10

CORN FOR GRAIN, 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	2,54	NOV	1.00	0.239	0.160	0.17	0.32
TANDEM DISC	48	NOV	1.00	0.0	0.159	0.07	0.20
TANDEM DISC	4,48	NOV	1.00	0.239	0.159	0.07	0.20
PICKUP	10	NOV	0.10	0.125	0.100	0.19	0.13
CHISEL	2,38	DEC	1.00	0.290	0.193	0.05	0.14
PICKUP	10	DEC	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JAN	0.10	0.125	0.100	0.19	0.13
OFFSET DISC	2,50	FEB	1.00	0.239	0.159	0.11	0.28
TANDEM DISC	4,48	FEB	1.00	0.239	0.159	0.07	0.20
PICKUP	10	FEB	0.10	0.125	0.100	0.19	0.13
FLOAT	4,40	MAR	2.00	1.759	1.173	0.36	2.84
HARROW	4,62	MAR	1.00	0.208	0.139	0.01	0.05
LISTER, 6-R	2,72	MAR	1.00	0.146	0.098	0.03	0.07
PICKUP	10	MAR	0.10	0.125	0.100	0.19	0.13
LISTER, 6-R	2,72	APR	1.00	0.146	0.098	0.03	0.07
FLEX PLANTER 6R	44	APR	1.00	0.0	0.154	0.06	0.10
HERB SPRAYER	68	APR	1.00	0.0	0.121	0.08	0.05
ROD WEEDER	4,56	APR	1.00	0.146	0.098	0.01	0.03
PICKUP	10	APR	0.10	0.125	0.100	0.19	0.13
ROLLING CULT (6R)	4,32	MAY	1.00	0.181	0.121	0.11	0.18
TOOL BAR, 6-ROW	4,70	MAY	1.00	0.146	0.098	0.01	0.02
PICKUP	10	MAY	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JUNE	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JULY	0.10	0.125	0.100	0.19	0.13
PICKUP	10	AUG	0.10	0.125	0.100	0.19	0.13
PICKUP	10	SEPT	0.10	0.125	0.100	0.19	0.13
PICKUP	10	OCT	0.10	0.125	0.100	0.19	0.13
TOTALS				5.481	4.288	3.47	6.32

LAND (NET RENT) BASED ON LANDLORD'S SHARE OF 1/3 OF GROSS INCOME
LESS 1/3 OF FERTILIZER, INSECTICIDE, HARVESTING, HAULING, DRYING
AND 50% OF FIXED IRRIGATION COSTS. PROJECTED, 1975

BUDGET IDENTIFICATION NUMBER --- 072 0024 022 2
ANNUAL CAPITAL MONTH 10

CORN FOR GRAIN, 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 CORN				\$
TOTAL	BU.	2.25	150.00	<u>337.50</u> \$ 337.50
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	LBS.	0.90	25.00	22.50
FERT(180-60-0)	ACRE	54.00	1.00	54.00
INSECTICIDE	ACRE	4.00	1.00	4.00
HAIL INSURANCE	DOL.	0.08	140.00	11.20
MACHINERY	ACRE	3.47	1.00	3.47
TRACTORS	ACRE	7.44	1.00	7.44
IRRIGATION MACHINERY	ACRE	18.72	1.00	18.72
LABOR(TRACTOR & MACHINERY)	HOURL	2.75	5.48	15.07
LABOR(IRRIGATION)	HOURL	2.75	2.95	8.12
INTEREST ON OP. CAP.	DOL.	0.10	63.69	<u>6.37</u>
SUBTOTAL, PRE-HARVEST				\$ 150.89
HARVEST COSTS				\$
CUSTOM COMBINE	BU.	0.30	150.00	45.00
CUSTOM HAUL	BU.	0.20	150.00	30.00
CUSTOM DRYING	BU.	0.10	150.00	<u>15.00</u>
SUBTOTAL, HARVEST				\$ 90.00
TOTAL VARIABLE COST				\$ 240.89
3. INCOME ABOVE VARIABLE COSTS				\$ 96.61
4. FIXED COSTS				\$
MACHINERY	ACRE	6.32	1.00	6.32
TRACTORS	ACRE	5.55	1.00	5.55
IRRIGATION MACHINERY	ACRE	27.36	1.00	27.36
LAND (NET RENT)	ACRE	48.85	1.00	<u>48.85</u>
TOTAL FIXED COSTS				\$ 88.08
5. TOTAL COSTS				\$ 328.97
6. NET RETURNS				\$ 8.53

LAND (NET RENT) BASED ON LANDLORD'S SHARE OF 1/3 OF GROSS INCOME
LESS 1/3 OF FERTILIZER, INSECTICIDE, HARVESTING, HAULING, DRYING
AND 50% OF FIXED IRRIGATION COSTS. PROJECTED, 1975

BUDGET IDENTIFICATION NUMBER --- 72 002601 220 0
ANNUAL CAPITAL MONTH 10

CORN FOR GRAIN, 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
SHREDDER 4R	1,53	NOV	1.00	0.239	0.160	0.17	0.32
TANDEM DISC	47	NOV	1.00	0.0	0.159	0.07	0.20
TANDEM DISC	3,47	NOV	1.00	0.239	0.159	0.07	0.20
PICKUP	10	NOV	0.10	0.125	0.100	0.19	0.13
CHISEL	1,37	DEC	1.00	0.290	0.193	0.05	0.14
PICKUP	10	DEC	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JAN	0.10	0.125	0.100	0.19	0.13
OFFSET DISC	1,49	FEB	1.00	0.239	0.159	0.11	0.28
TANDEM DISC	3,47	FEB	1.00	0.239	0.159	0.07	0.20
PICKUP	10	FEB	0.10	0.125	0.100	0.19	0.13
FLOAT	3,39	MAR	2.00	1.759	1.173	0.36	2.84
HARROW	5,61	MAR	1.00	0.208	0.139	0.01	0.05
LISTER, 6-R	1,71	MAR	1.00	0.146	0.098	0.03	0.07
PICKUP	10	MAR	0.10	0.125	0.100	0.19	0.13
ROD WEEDER	3,55	APR	1.00	0.146	0.098	0.01	0.03
LISTER, 6-R	1,71	APR	1.00	0.146	0.098	0.03	0.07
HERB SPRAYER	67	APR	1.00	0.0	0.121	0.08	0.05
FLEX PLANTER 6R	43	APR	1.00	0.0	0.154	0.06	0.10
PICKUP	10	APR	0.10	0.125	0.100	0.19	0.13
ROLLIG CULT(6R)	3,31	MAY	1.00	0.181	0.121	0.11	0.18
TOOL BAR, 6-ROW	3,69	MAY	1.00	0.146	0.098	0.01	0.02
PICKUP	10	MAY	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JUNE	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JULY	0.10	0.125	0.100	0.19	0.13
PICKUP	10	AUG	0.10	0.125	0.100	0.19	0.13
PICKUP	10	SEPT	0.10	0.125	0.100	0.19	0.13
PICKUP	10	OCT	0.10	0.125	0.100	0.19	0.13
TOTALS				5.481	4.288	3.47	6.32

LAND (NET RENT) BASED ON LANDLORD'S SHARE OF 1/3 OF GROSS INCOME
LESS 1/3 OF FERTILIZER, INSECTICIDE, HARVESTING, HAULING, DRYING
AND 50% OF FIXED IRRIGATION COSTS. PROJECTED, 1975

BUDGET IDENTIFICATION NUMBER --- 072 0026 012 2
ANNUAL CAPITAL MONTH 10

CORN FOR SILAGE, 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				\$
CORN SILAGE	TON	12.00	20.00	<u>240.00</u>
TOTAL				\$ 240.00
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	LBS.	0.75	25.00	18.75
FERT(180-60-0)	ACRE	54.00	1.00	54.00
INSECTICIDE	ACRE	4.00	1.00	4.00
MACHINERY	ACRE	3.29	1.00	3.29
TRACTORS	ACRE	7.60	1.00	7.60
IRRIGATION MACHINERY	ACRE	17.16	1.00	17.16
LABOR(TRACTOR & MACHINERY)	HOUR	2.75	5.36	14.73
LABOR(IRRIGATION)	HOUR	2.75	2.71	7.44
INTEREST ON OP. CAP.	DOL.	0.10	47.19	<u>4.72</u>
SUBTOTAL, PRE-HARVEST				\$ 131.69
HARVEST COSTS				\$ -----
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 131.69
3. INCOME ABOVE VARIABLE COSTS				\$ 108.31
4. FIXED COSTS				\$
MACHINERY	ACRE	6.18	1.00	6.18
TRACTORS	ACRE	5.69	1.00	5.69
IRRIGATION MACHINERY	ACRE	25.08	1.00	25.08
LAND (NET RENT)	ACRE	37.46	1.00	<u>37.46</u>
TOTAL FIXED COSTS				\$ 74.42
5. TOTAL COSTS				\$ 206.11
6. NET RETURNS				\$ 33.89

LAND CHARGE USES \$50/A. LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
CROP SOLD STANDING IN FIELD. PROJECTED, 1975

BUDGET IDENTIFICATION NUMBER --- 723002502 220 0
ANNUAL CAPITAL MONTH 9

CORN FOR SILAGE, 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
SHPEDDER 4R	2,54	NOV	1.00	0.239	0.160	0.17	0.32
TANDEM DISC	48	NOV	1.00	0.0	0.159	0.07	0.20
TANDEM DISC	4,48	NOV	1.00	0.239	0.159	0.07	0.20
PICKUP	10	NOV	0.10	0.125	0.100	0.19	0.13
CHISEL	2,38	DEC	1.00	0.290	0.193	0.05	0.14
PICKUP	10	DEC	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JAN	0.10	0.125	0.100	0.19	0.13
OFFSET DISC	2,50	FEB	1.00	0.239	0.159	0.11	0.28
TANDEM DISC	4,48	FEB	1.00	0.239	0.159	0.07	0.20
PICKUP	10	FEB	0.10	0.125	0.100	0.19	0.13
FLOAT	4,40	MAR	2.00	1.759	1.173	0.36	2.84
HARROW	4,62	MAR	1.00	0.208	0.139	0.01	0.05
LISTER, 6-R	2,72	MAR	1.00	0.146	0.098	0.03	0.07
PICKUP	10	MAR	0.10	0.125	0.100	0.19	0.13
ROD WEEFER	4,56	APR	1.00	0.146	0.098	0.01	0.03
LISTER, 6-R	2,72	APR	1.00	0.146	0.098	0.03	0.07
FLEX PLANTER 6R	44	APR	1.00	0.0	0.154	0.06	0.10
HERB SPRAYER	68	APR	1.00	0.0	0.121	0.08	0.05
PICKUP	10	APR	0.10	0.125	0.100	0.19	0.13
ROLLING CULT(6R)	4,32	MAY	1.00	0.181	0.121	0.11	0.18
TOOL BAR, 6-ROW	4,70	MAY	1.00	0.146	0.098	0.01	0.02
PICKUP	10	MAY	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JUNE	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JULY	0.10	0.125	0.100	0.19	0.13
PICKUP	10	AUG	0.10	0.125	0.100	0.19	0.13
PICKUP	10	SEPT	0.10	0.125	0.100	0.19	0.13
TOTALS				5.356	4.188	3.29	6.18

LAND CHARGE USES \$50/A. LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
CROP SOLD STANDING IN FIELD. PROJECTED, 1975

BUDGET IDENTIFICATION NUMBER --- 07230025 022 2
ANNUAL CAPITAL MONTH 9

CORN FOR SILAGE, 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				\$
CORN SILAGE	TCN	12.00	27.00	<u>324.00</u>
TOTAL				\$ 324.00
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	LBS.	0.75	30.00	22.50
FERT(200-60-0)	ACRE	57.60	1.00	57.60
INSECTICIDE	ACRE	4.00	1.00	4.00
MACHINERY	ACRE	3.29	1.00	3.29
TRACTORS	ACRE	7.60	1.00	7.60
IRRIGATION MACHINERY	ACRE	18.72	1.00	18.72
LABOR(TRACTOR & MACHINERY)	HOURL	2.75	5.36	14.73
LABOR(IRRIGATION)	HOURL	2.75	2.95	8.12
INTEREST ON OP. CAP.	DOL.	0.10	51.15	<u>5.11</u>
SUBTOTAL, PRE-HARVEST				\$ 141.67
HARVEST COSTS				\$-----
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 141.67
3. INCOME ABOVE VARIABLE COSTS				\$ 182.33
4. FIXED COSTS				\$
MACHINERY	ACRE	6.18	1.00	6.18
TRACTORS	ACRE	5.69	1.00	5.69
IRRIGATION MACHINERY	ACRE	27.36	1.00	27.36
LAND (NET RENT)	ACRE	36.32	1.00	<u>36.32</u>
TOTAL FIXED COSTS				\$ 75.56
5. TOTAL COSTS				\$ 217.23
6. NET RETURNS				\$ 106.77

LAND CHARGE USES \$50/A. LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
CROP SOLD STANDING IN FIELD. PROJECTED, 1975

BUDGET IDENTIFICATION NUMBER --- 723002601 220 0
ANNUAL CAPITAL MONTH 9

CORN FOR SILAGE, 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
SHREDDER 4R	1,53	NOV	1.00	0.239	0.160	0.17	0.32
TANDEM DISC	47	NOV	1.00	0.0	0.159	0.07	0.20
TANDEM DISC	3,47	NOV	1.00	0.239	0.159	0.07	0.20
PICKUP	10	NOV	0.10	0.125	0.100	0.19	0.13
CHISEL	1,37	DEC	1.00	0.290	0.193	0.05	0.14
PICKUP	10	DEC	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JAN	0.10	0.125	0.100	0.19	0.13
OFFSET DISC	1,49	FEB	1.00	0.239	0.159	0.11	0.28
TANDEM DISC	3,47	FEB	1.00	0.239	0.159	0.07	0.20
PICKUP	10	FEB	0.10	0.125	0.100	0.19	0.13
FLOAT	3,39	MAR	2.00	1.759	1.173	0.36	2.84
HARROW	3,61	MAR	1.00	0.208	0.139	0.01	0.05
LISTER, 6-R	1,71	MAR	1.00	0.146	0.098	0.03	0.07
PICKUP	10	MAR	0.10	0.125	0.100	0.19	0.13
ROD WEEDER	3,55	APR	1.00	0.146	0.098	0.01	0.03
LISTER, 6-R	1,71	APR	1.00	0.146	0.098	0.03	0.07
FLEX PLANTER 6R	43	APR	1.00	0.0	0.154	0.06	0.10
HERB SPRAYER	67	APR	1.00	0.0	0.121	0.08	0.05
PICKUP	10	APR	0.10	0.125	0.100	0.19	0.13
ROLLIG CULT(6R)	3,31	MAY	1.00	0.181	0.121	0.11	0.18
TOOL BAR, 6-ROW	3,69	MAY	1.00	0.146	0.098	0.01	0.02
PICKUP	10	MAY	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JUNE	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JULY	0.10	0.125	0.100	0.19	0.13
PICKUP	10	AUG	0.10	0.125	0.100	0.19	0.13
PICKUP	10	SEPT	0.10	0.125	0.100	0.19	0.13
TOTALS				5.356	4.188	3.29	6.18

LAND CHARGE USES \$50/A. LESS 50 PERCENT OF IRRIGATION FIXED COSTS.
CROP SOLD STANDING IN FIELD. PROJECTED, 1975

BUDGET IDENTIFICATION NUMBER --- 07230026 012 2
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.	0.35	150.00	52.50
COTTONSEED	TON	80.00	0.12	<u>9.60</u>
TOTAL				\$ 62.10
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	LBS.	0.35	15.00	5.25
HERBICIDE	PINT	4.00	1.00	4.00
HAIL INSURANCE	DOL.	0.08	25.00	2.00
MACHINERY	ACRE	2.47	1.00	2.47
TRACTORS	ACRE	2.80	1.00	2.80
LABOR (TRACTOR & MACHINERY)	HOUR	2.75	2.53	6.97
INTEREST ON OP. CAP.	DOL.	0.10	10.44	<u>1.04</u>
SUBTOTAL, PRE-HARVEST				\$ 24.53
HARVEST COSTS				\$
STRIP & HAUL	CWT.	1.00	7.00	7.00
GIN, BAG, TIES	CWT.	1.25	7.00	<u>8.75</u>
SUBTOTAL, HARVEST				\$ 15.75
TOTAL VARIABLE COST				\$ 40.28
3. INCOME ABOVE VARIABLE COSTS				\$ 21.82
4. FIXED COSTS				\$
MACHINERY	ACRE	2.79	1.00	2.79
TRACTORS	ACRE	2.15	1.00	2.15
LAND (NET RENT)	ACRE	13.34	1.00	<u>13.34</u>
TOTAL FIXED COSTS				\$ 18.28
5. TOTAL COSTS				\$ 58.57
6. NET RETURNS				\$ 3.53

LAND CHARGE BASED ON LANDLORD SHARE (1/4) OF GROSS, LESS 1/4 OF
GINNING. PROJECTED, 1975

BUDGET IDENTIFICATION NUMBER --- 93 002002 201 0
ANNUAL CAPITAL MONTH 11

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
TANDEM DISC	2,48	DEC	1.00	0.239	0.159	0.07	0.20
SHREDDER 4R	54	DEC	1.00	0.0	0.160	0.17	0.32
PICKUP	10	DEC	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JAN	0.10	0.125	0.100	0.19	0.13
CHISFL	2,38	FEB	1.00	0.290	0.193	0.05	0.14
PICKUP	10	FEB	0.10	0.125	0.100	0.19	0.13
LISTER, 6-R	2,72	MAR	1.00	0.146	0.098	0.03	0.07
PICKUP	10	MAR	0.10	0.125	0.100	0.19	0.13
ROLLING CULT(6R)	4,32	APR	1.00	0.181	0.121	0.11	0.18
PICKUP	10	APR	0.10	0.125	0.100	0.19	0.13
LISTER-PLANTER	2,46	MAY	1.25	0.289	0.192	0.24	0.49
PICKUP	10	MAY	0.10	0.125	0.100	0.19	0.13
SANDFIGHTER	6,58	JUNE	1.00	0.083	0.056	0.00	0.03
ROLLING CULT(6R)	4,32	JUNE	1.00	0.181	0.121	0.11	0.18
PICKUP	10	JUNE	0.10	0.125	0.100	0.19	0.13
PICKUP	10	JULY	0.10	0.125	0.100	0.19	0.13
PICKUP	10	OCT	0.10	0.125	0.100	0.19	0.13

TOTALS			2.534	1.999	2.47	2.79
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LAND CHARGE BASED ON LANDLORD SHARE (1/4) OF GROSS, LESS 1/4 OF GINNING. PROJECTED, 1975

BUDGET IDENTIFICATION NUMBER --- 093 0020 022 0
ANNUAL CAPITAL MONTH 11