GRAIN 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	0.215	0.119	0.82	1.14
CHISEL	TM	3.44	APR	1.00	0.215	0.119	0.82	1.14
TANDEM DISC	TM	3.40	APR	1.00	0.303	0.168	1.02	1.30
GRAIN DRILL	TM	3.58	MAY	1.00	0.423	0.235	1.59	2.19
PICKUP 1/2 TON		10	SEPT	0.60	0.750	0.600	1.61	1.14
TOTALS					1.905	1.242	5.86	6.90

LAND CHARGE BASED ON 33% OF GROSS INCOME LESS 33% OF FERTILIZER AND HAULING. GOVERNMENT DEFICIENCY PAYMENT NOT INCLUDED.
PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 73 001002 100 0
ANNUAL CAPITAL MONTH 9

GRAIN 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				$
GRAIN SORGHUM	CWT.	3.25	60.00	195.00
TOTAL				$ 195.00
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.45	10.00	4.50
FERT (N) APPL'D	ACRE	0.10	130.00	13.00
HERBICIDE	LBS.	7.25	1.00	7.25
INSECTICIDE	ACRE	10.50	1.00	10.50
MACHINERY	ACRE	4.31	1.00	4.31
TRACTORS	ACRE	10.61	1.00	10.61
IRRIGATION MACHINERY	ACRE	30.99	1.00	30.99
LABOR(TRACTOR & MACHINERY)	HOUR	6.00	4.77	28.65
LABOR(IRRIGATION)	HOUR	5.00	2.21	11.07
INTEREST ON OP. CAP.	DOL.	0.10	31.09	3.11
SUBTOTAL, PRE-HARVEST				$ 123.98
HARVEST COSTS				$
CUSTOM COMBINE	CWT.	0.30	60.00	18.00
CUSTOM HAUL	CWT.	0.10	60.00	6.00
SUBTOTAL, HARVEST				$ 24.00
TOTAL VARIABLE COST				$ 147.98
3. INCOME ABOVE VARIABLE COSTS				$ 47.02
4. FIXED COSTS				$
MACHINERY	ACRE	5.88	1.00	5.88
TRACTORS	ACRE	12.14	1.00	12.14
IRRIGATION MACHINERY	ACRE	16.06	1.00	16.06
LAND (NET RENT)	ACRE	23.27	1.00	23.27
TOTAL FIXED COSTS				$ 57.35
5. TOTAL COSTS				$ 205.34
6. NET RETURNS				$ -10.34

LAND (NET RENT) BASED ON 33% OF GROSS INCOME LESS 33% OF FERT, GAS, CHEM
SEED, HARVEST, HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.
PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1978

GRAIN 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.,REP. PER ACRE	FIXED COSTS PER ACRE
SHREDDER 4R	TM	3.57	NOV	1.00	0.354	0.197	1.29	1.72
TANDEM DISC	TM	3.40	NOV	1.00	0.303	0.168	1.02	1.30
CHISEL	TM	3.44	DEC	1.00	0.215	0.119	0.82	1.14
PICKUP 1/2 TON		10	DEC	0.90	1.125	0.900	2.41	1.70
OFFSET DISC	TM	3.42	FEB	1.00	0.303	0.168	1.10	1.47
TANDEM DISC	TM	3.40	FEB	1.00	0.303	0.168	1.02	1.30
BOX FLOAT	TM	3.60	MAR	2.00	0.707	0.393	2.29	2.90
LISTER 6R	TM	3.54	MAR	1.00	0.221	0.123	0.71	0.88
ROLLING CULT	TM	3.30	APR	1.00	0.212	0.118	0.72	0.92
RODWEEDER	TM	3.50	MAY	1.00	0.106	0.059	0.41	0.60
LISTER-PLNT6R	TM	3.36	MAY	1.00	0.371	0.206	1.38	1.88
HERB SPR/DISC	TM	3.61	MAY	1.00	0.354	0.196	1.10	1.33
FURROW OPENER	TM	3.52	MAY	1.00	0.200	0.111	0.67	0.86
TOTALS					4.774	2.927	14.92	18.02

LAND (NET RENT) BASED ON 33% OF GROSS INCOME LESS 33% OF FERT, GAS, CHEM, SEED, HARVEST, HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.
PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS   PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 73 001502 120 0
ANNUAL CAPITAL MONTH 9

GRAIN SORGHUM, 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				$
GRAIN SORGHUM	CWT.	3.25	75.00	243.75
TOTAL				$ 243.75
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.45	10.00	4.50
FERT (N) APPL'D	LBS.	0.10	130.00	13.00
FERT (P) APPL'D	LBS.	0.19	30.00	5.70
HERBICIDE	ACRE	8.25	1.00	8.25
INSECTICIDE	ACRE	10.50	1.00	10.50
MACHINERY	ACRE	4.13	1.00	4.13
TRACTORS	ACRE	8.30	1.00	8.30
IRRIGATION MACHINERY	ACRE	37.87	1.00	37.87
LABOR(TRACTOR & MACHINERY)	HOUR	6.00	3.52	21.11
LABOR(IRRIGATION)	HOUR	5.00	2.71	13.53
INTEREST ON OP. CAP.	DOL.	0.10	33.22	3.32
SUBTOTAL, PRE-HARVEST				$ 130.21
HARVEST COSTS				$
CUSTOM COMBINE	CWT.	0.30	75.00	22.50
CUSTOM HAUL	CWT.	0.10	75.00	7.50
SUBTOTAL, HARVEST				$ 30.00
TOTAL VARIABLE COST				$ 160.21
3. INCOME ABOVE VARIABLE COSTS				$ 83.54
4. FIXED COSTS				$
MACHINERY	ACRE	5.54	1.00	5.54
TRACTORS	ACRE	11.52	1.00	11.52
IRRIGATION MACHINERY	ACRE	19.63	1.00	19.63
LAND (NET RENT)	ACRE	30.37	1.00	30.37
TOTAL FIXED COSTS				$ 67.08
5. TOTAL COSTS				$ 227.29
6. NET RETURNS				$ 16.46

LAND (NET RENT) BASED ON 33% OF GROSS INCOME LESS 33% OF FERT. GAS. CHEM. SEED. HARVEST. HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.
PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1978

GRAIN SORGHUM, 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	2.92	NOV	1.00	0.279	0.155	1.17	1.77
TANDEM DISC HLM	2.76	NOV	1.00	0.175	0.097	0.76	1.18
CHISEL HLM	2.79	DEC	1.00	0.188	0.104	0.82	1.28
PICKUP 1/2 TON	10	DEC	0.90	1.125	0.900	2.41	1.70
OFFSET DISC HLM	2.78	FEB	1.00	0.133	0.074	0.70	1.22
TANDEM DISC HLM	2.76	FEB	1.00	0.175	0.097	0.76	1.18
BOX FLOAT HLM	2.95	MAR	2.00	0.606	0.337	2.30	3.39
LISTER 8R HLM	2.90	MAR	1.00	0.145	0.081	0.58	0.85
ROLLING CULT HLM	2.66	APR	1.00	0.155	0.086	0.64	0.96
RODWEEDER HLM	2.85	MAY	1.00	0.198	0.110	0.79	1.18
LIST-PLNTR8R HLM	2.72	MAY	1.00	0.233	0.129	1.03	1.60
RODWEEDER HLM	2.87	JUNE	1.00	0.106	0.059	0.47	0.76
TOTALS				3.518	2.229	12.43	17.07

LAND (NET RENT) BASED ON 33% OF GROSS INCOME LESS 33% OF FERT, GAS, CHEM, SEED, HARVEST, HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.
PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 73 001601 120 0
ANNUAL CAPITAL MONTH 9

GRAIN SORGHUM, 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				$
GRAIN SORGHUM	CWT.	3.25	57.00	185.25
TOTAL				$ 185.25
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.45	10.00	4.50
FERT (N) APPL'D	LBS.	0.10	120.00	12.00
FERT (P) APPL'D	LBS.	0.19	40.00	7.60
HERBICIDE	ACRE	7.25	1.00	7.25
INSECTICIDE	ACRE	10.00	1.00	10.00
MACHINERY	ACRE	3.35	1.00	3.35
TRACTORS	ACRE	4.59	1.00	4.59
IRRIGATION MACHINERY	ACRE	43.51	1.00	43.51
LABOR(TRACTOR & MACHINERY)	HOUR	6.00	2.58	15.47
LABOR(IRRIGATION)	HOUR	5.00	0.86	4.32
INTEREST ON OP. CAP.	DOL.	0.10	24.16	2.42
SUBTOTAL, PRE-HARVEST				$ 114.99
HARVEST COSTS				$
CUSTOM COMBINE	CWT.	0.30	57.00	17.10
CUSTOM HAUL	CWT.	0.10	57.00	5.70
SUBTOTAL, HARVEST				$ 22.80
TOTAL VARIABLE COST				$ 137.79
3. INCOME ABOVE VARIABLE COSTS				$ 47.46
4. FIXED COSTS				$
MACHINERY	ACRE	4.14	1.00	4.14
TRACTORS	ACRE	5.25	1.00	5.25
IRRIGATION MACHINERY	ACRE	26.21	1.00	26.21
LAND (NET RENT)	ACRE	10.28	1.00	10.28
TOTAL FIXED COSTS				$ 45.88
5. TOTAL COSTS				$ 183.67
6. NET RETURNS				$ 1.58

LAND (NET RENT) BASED ON 33% OF GROSS INCOME LESS 33% OF FERT, GAS, CHEM, SEED, HARVEST, HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.
PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS   PROJECTED 1978

GRAIN SORGHUM, 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.,REP. PER ACRE	FIXED COSTS PER ACRE
SHREDDER 4R	TM	3.57	JAN	1.00	0.354	0.197	1.29	1.72
CHISEL	TM	3.44	JAN	1.00	0.215	0.119	0.82	1.14
OFFSET DISC	TM	3.42	MAR	1.00	0.303	0.168	1.10	1.47
RODWEEDER	TM	3.50	MAY	1.00	0.106	0.059	0.41	0.60
LISTER-PLNT6R	TM	3.36	MAY	1.00	0.371	0.206	1.38	1.88
CULTIVATOR 6R	TM	3.33	JUNE	1.00	0.228	0.127	0.80	1.05
PICKUP 1/2 TON		10	SEPT	0.80	1.000	0.800	2.14	1.51
TOTALS					2.578	1.677	7.93	9.38

LAND (NET RENT) BASED ON 33% OF GROSS INCOME LESS 33% OF FERT, GAS, CHEM, SEED, HARVEST, HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.
PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 73 001402 170 0
ANNUAL CAPITAL MONTH 9

GRAIN SORGHUM, 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				$
GRAIN SORGHUM	CWT.	3.25	65.00	211.25
TOTAL				$ 211.25
2. VARIABLE COSTS				
PREHARVEST				$
SEED	LBS.	0.45	10.00	4.50
FERT (N) APPL'D	LBS.	0.10	150.00	15.00
FERT (P) APPL'D	LBS.	0.19	40.00	7.60
HERBICIDE	ACRE	7.25	1.00	7.25
INSECTICIDE	ACRE	10.00	1.00	10.00
MACHINERY	ACRE	3.45	1.00	3.45
TRACTORS	ACRE	4.27	1.00	4.27
IRRIGATION MACHINERY	ACRE	48.34	1.00	48.34
LABOR(TRACTOR & MACHINERY)	HOUR	6.00	2.23	13.38
LABOR(IRRIGATION)	HOUR	5.00	0.96	4.80
INTEREST ON OP. CAP.	DOL.	0.10	28.93	2.89
SUBTOTAL, PRE-HARVEST				$ 121.48
HARVEST COSTS				$
CUSTOM COMBINE	CWT.	0.30	65.00	19.50
CUSTOM HAUL	CWT.	0.10	65.00	6.50
SUBTOTAL, HARVEST				$ 26.00
TOTAL VARIABLE COST				$ 147.48
3. INCOME ABOVE VARIABLE COSTS				$ 63.77
4. FIXED COSTS				$
MACHINERY	ACRE	4.48	1.00	4.48
TRACTORS	ACRE	5.92	1.00	5.92
IRRIGATION MACHINERY	ACRE	29.13	1.00	29.13
LAND (NET RENT)	ACRE	11.43	1.00	11.43
TOTAL FIXED COSTS				$ 50.95
5. TOTAL COSTS				$ 198.43
6. NET RETURNS				$ 12.82

LAND (NET RENT) BASED ON 33% OF GROSS INCOME LESS 33% OF FERT, GAS, CHEM, SEED, HARVEST, HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.
PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1978

GRAIN SORGHUM, 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	1.17	1.77
CHISEL	HLM	2.79	JAN	1.00	0.188	0.104	0.82	1.28
OFFSET DISC	HLM	2.78	MAR	2.00	0.265	0.147	1.40	2.44
RODWEEDER	HLM	2.87	MAY	1.00	0.106	0.059	0.47	0.76
LIST-PLNTR8R	HLM	2.72	MAY	1.00	0.233	0.129	1.03	1.60
CULTIVATOR8R	HLM	2.69	JUNE	1.00	0.160	0.089	0.68	1.03
PICKUP 1/2 TON		10	SEPT	0.80	1.000	0.800	2.14	1.51
TOTALS					2.230	1.483	7.71	10.40

LAND (NET RENT) BASED ON 33% OF GROSS INCOME LESS 33% OF FERT, GAS, CHEM, SEED, HARVEST, HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.
PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 73 001501 170 0
ANNUAL CAPITAL MONTH 9

WHEAT, 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				$
WHEAT	BU.	2.20	15.00	33.00
GRAZING	DAYS	0.07	120.00	8.40
TOTAL				$ 41.40
2. VARIABLE COSTS				
PREHARVEST				$
SEED	BU.	3.00	0.50	1.50
MACHINERY	ACRE	3.07	1.00	3.07
TRACTORS	ACRE	4.68	1.00	4.68
LABOR(TRACTOR & MACHINERY)	HOUR	6.00	2.35	14.10
INTEREST ON OP. CAP.	DOL.	0.10	6.19	0.62
SUBTOTAL, PRE-HARVEST				$ 23.97
HARVEST COSTS				$
CUSTOM COMBINE	ACRE	7.00	1.00	7.00
CUSTOM HAUL	BU.	0.10	15.00	1.50
SUBTOTAL, HARVEST				$ 8.50
TOTAL VARIABLE COST				$ 32.47
3. INCOME ABOVE VARIABLE COSTS				$ 8.93
4. FIXED COSTS				$
MACHINERY	ACRE	3.55	1.00	3.55
TRACTORS	ACRE	6.50	1.00	6.50
LAND (NET RENT)	ACRE	13.66	1.00	13.66
TOTAL FIXED COSTS				$ 23.72
5. TOTAL COSTS				$ 56.19
6. NET RETURNS				$ -14.79

LAND CHARGE BASED ON 33% OF GROSS INCOME.
STOCKING RATE IS 3 ACRE/HEAD. GOVERNMENT DEFICIENCY PAYMENT NOT INCLUDED.
PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1978

WHEAT, 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
TANDEM DISC	TM	2.40	JUNE	1.00	0.303	0.168	1.19	1.75
CHISEL	TM	2.44	JULY	1.00	0.215	0.119	0.94	1.46
TANDEM DISC	TM	2.40	AUG	1.00	0.303	0.168	1.19	1.75
RODWEEDER	TM	2.50	SEPT	1.00	0.106	0.059	0.47	0.76
GRAIN DRILL	TM	2.58	SEPT	1.00	0.423	0.235	1.83	2.82
PICKUP 1/2 TON		10	DEC	0.80	1.000	0.800	2.14	1.51
TOTALS					2.350	1.550	7.75	10.06

LAND CHARGE BASED ON 33% OF GROSS INCOME.
STOCKING RATE IS 3 ACRE/HEAD. GOVERNMENT DEFICIENCY PAYMENT NOT INCLUDED.
PREPARED BY DR. RAY SAMMONS, TAEX. AMARILLO, TEXAS PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 76 001002 100 0
ANNUAL CAPITAL MONTH 5

WHEAT, DRYLAND, 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				$
WHEAT	BU.	2.20	20.00	44.00
GRAZING	DAYS	0.07	120.00	8.40
TOTAL				$ 52.40
2. VARIABLE COSTS				
PREHARVEST				$
SEED	BU.	3.00	0.80	2.40
INSECTICIDE	ACRE	3.00	1.00	3.00
MACHINERY	ACRE	2.90	1.00	2.90
TRACTORS	ACRE	2.96	1.00	2.96
LABOR(TRACTOR & MACHINERY)	HOUR	6.00	1.85	11.11
INTEREST ON OP. CAP.	DOL.	0.10	7.36	0.74
SUBTOTAL, PRE-HARVEST				$ 23.10
HARVEST COSTS				$
CUSTOM COMBINE	ACRE	7.00	1.00	7.00
CUSTOM HAUL	BU.	0.10	20.00	2.00
SUBTOTAL, HARVEST				$ 9.00
TOTAL VARIABLE COST				$ 32.10
3. INCOME ABOVE VARIABLE COSTS				$ 20.30
4. FIXED COSTS				$
MACHINERY	ACRE	3.13	1.00	3.13
TRACTORS	ACRE	4.10	1.00	4.10
LAND (NET RENT)	ACRE	17.29	1.00	17.29
TOTAL FIXED COSTS				$ 24.53
5. TOTAL COSTS				$ 56.63
6. NET RETURNS				$ -4.23

LAND CHARGE BASED ON 33% OF GROSS INCOME.
STOCKING RATE IS 3 ACRE/HEAD. GOVERNMENT DEFICIENCY PAYMENT NOT INCLUDED.
PREPARED BY DR. RAY SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1978