

**CORN FOR SILAGE, FURROW IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS I REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT**

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, FIXED		
						LUB., REP. PER ACRE	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	1.00	1.250	1.000	2.68	1.89	
TANDEM DISC	HLM	2.76	FEB	1.00	0.175	0.097	0.76	1.18
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
RODWEEDER	HLM	2.85	APR	1.00	0.198	0.110	0.79	1.18
LIST-PLNTR 8R	HLM	2.72	APR	1.00	0.233	0.129	1.03	1.60
HERB SPR/DISC	HLM	2.96	APR	1.00	0.178	0.099	0.65	0.94
ROLLING CULT	HLM	2.66	MAY	1.00	0.155	0.086	0.64	0.96
TOTALS				3.758	2.393	12.95	17.39	

LAND CHARGE 33% GROSS LESS 33%, FERT, CHEM, GAS & 50% OF IRRIG.
FIXED COSTS. CROP SOLD STANDING IN FIELD. GOV'T PYMNT. NOT INCL.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1979

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	15.00
TOTAL				\$ 15.00
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	LBS.	0.44	5.00	2.20
MACHINERY	ACRE	2.23	1.00	2.23
TRACTORS	ACRE	3.36	1.00	3.36
LABOR(TRACTOR & MACHINERY)	HOUR	6.00	1.78	10.68
INTEREST ON CP. CAP.	DOL.	0.10	2.62	0.26
SUBTOTAL, PRE-HARVEST				\$ 18.73
HARVEST COSTS				\$
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE CCST				\$ 18.73
3. INCOME ABOVE VARIABLE COSTS				\$ -3.73
4. FIXED COSTS				\$
MACHINERY	ACRE	2.87	1.00	2.87
TRACTORS	ACRE	3.84	1.00	3.84
LAND (NET RENT)	ACRE	4.95	1.00	4.95
TOTAL FIXED COSTS				\$ 11.67
5. TOTAL COSTS				\$ 30.40
6. NET RETURNS				\$ -15.40

LAND CHARGE BASED ON 33% OF GROSS INCOME.

PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1979

**FORAGE SORGHUM, DRYLAND, TEXAS HIGH PLAINS I 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	AUG	0.50	0.625	0.500	1.34	0.95	
TOTALS				1.780	1.142	5.59	6.72	

LAND CHARGE BASED ON 33% OF GROSS INCOME.

PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1979

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

**FORAGE SORGHUM, FURROW IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS I 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.	0.44	20.00	8.80
FERT (N) APPL'D	LBS.	0.10	150.00	15.00
HERBICIDE	LBS.	8.75	0.50	4.38
MACHINERY	ACRE	3.78	1.00	3.78
TRACTORS	ACRE	6.62	1.00	6.62
IRRIGATION MACHINERY	ACRE	28.84	1.00	28.84
LABOR(TRACTOR & MACHINERY)	HOUR	6.00	3.40	20.42
LABOR(IRRIGATION)	HOUR	5.00	1.72	8.61
INTEREST ON OP. CAP.	DOL.	0.10	27.35	<u>2.74</u>
SUBTOTAL, PRE-HARVEST				\$ 99.19
HARVEST COSTS				\$ _____
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE CCST				\$ 99.19
3. INCOME ABOVE VARIABLE COSTS				\$ -99.19
4. FIXED COSTS				\$
MACHINERY	ACRE	4.71	1.00	4.71
TRACTORS	ACRE	7.58	1.00	7.58
IRRIGATION MACHINERY	ACRE	12.49	1.00	12.49
LAND (NET RENT)	ACRE	33.75	1.00	<u>33.75</u>
TOTAL FIXED COSTS				\$ 58.54
5. TOTAL COSTS				\$ 157.73
6. NET RETURNS				\$ -157.73

LAND CHARGE BASED ON \$40 LESS 50% OF IRRIGATION FIXED COSTS.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1979

FORAGE SORGHUM, FURROW IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS I 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
TANDEM DISC	TM	3.40	FEB	1.00	0.303	0.168	1.02	1.30
BOX FLOAT	TM	3.60	MAR	1.00	0.354	0.196	1.14	1.45
LISTER 6R	TM	3.54	MAR	1.00	0.221	0.123	0.71	0.88
RODWEEDER	TM	3.50	MAY	1.00	0.106	0.059	0.41	0.60
GRAIN DRILL	TM	3.58	MAY	1.00	0.423	0.235	1.252	2.19
TOTALS				3.404	2.166	10.41	12.29	

LAND CHARGE BASED ON \$40 LESS 80% OF IRRIGATION FIXED COSTS.

PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1979

BUDGET IDENTIFICATION NUMBER--- 871001402 120 0

ANNUAL CAPITAL MONTH 9

**FORAGE SORGHUM, FURROW IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS I 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.	0.44	20.00	8.80
FERT (N) APPL'D	LBS.	0.10	200.00	20.00
HERBICIDE	LBS.	8.75	0.50	4.38
MACHINERY	ACRE	3.70	1.00	3.70
TRACTORS	ACRE	6.93	1.00	6.93
IRRIGATION MACHINERY	ACRE	37.08	1.00	37.06
LABOR(TRACTOR & MACHINERY)	HOUR	6.00	3.12	18.75
LABOR(IRRIGATION)	HOUR	5.00	2.21	11.07
INTEREST ON OP. CAP.	DOL.	0.10	31.22	<u>3.12</u>
SUBTOTAL, PRE-HARVEST				\$ 113.82
HARVEST COSTS				\$ _____
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 113.82
3. INCOME ABOVE VARIABLE COSTS				\$=113.82
4. FIXED COSTS				\$
MACHINERY	ACRE	4.50	1.00	4.50
TRACTORS	ACRE	9.63	1.00	9.63
IRRIGATION MACHINERY	ACRE	16.06	1.00	16.06
LAND (NET RENT)	ACRE	31.97	1.00	<u>31.97</u>
TOTAL FIXED COSTS				\$ 62.16
5. TOTAL COSTS				\$ 175.99
6. NET RETURNS				\$=175.99

LAND CHARGE BASED ON \$40 LESS 50% OF IRRIGATION FIXED COSTS.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1979

FORAGE SORGHUM, FURROW IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS I 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
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
RODWEEDER	HLM	2.85	MAY	1.00	0.198	0.110	0.79	1.18
LIST-PLNTR8R	HLM	2.72	MAY	1.00	<u>0.233</u>	<u>0.122</u>	<u>1.03</u>	<u>1.60</u>
TOTALS				3.124	2.011	10.63	14.13	

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

PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1979

BUDGET IDENTIFICATION NUMBER--- 871001501 120 0
 ANNUAL CAPITAL MONTH 9

**GRAIN SORGHUM, DRYLAND, TEXAS HIGH PLAINS I 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.	3.45	15.00	\$ <u>51.75</u>
TOTAL				\$ 51.75
2. VARIABLE COSTS				
PREHARVEST				
SEED	LBS.	0.45	3.00	1.35
FERT (N) APPL'D	LBS.	0.10	20.00	2.00
MACHINERY	ACRE	2.50	1.00	2.50
TRACTORS	ACRE	3.36	1.00	3.36
LABOR (TRACTOR & MACHINERY)	HOUR	6.00	1.91	11.43
INTEREST ON OP. CAP.	DOL.	0.10	2.89	<u>0.29</u>
SUBTOTAL, PRE-HARVEST				\$ 20.93
HARVEST COSTS				
CUSTOM COMBINE	ACRE	7.00	1.00	7.00
CUSTOM HAUL	CWT.	0.10	15.00	<u>1.50</u>
SUBTOTAL, HARVEST				\$ 8.50
TOTAL VARIABLE COST				\$ 29.43
3. INCOME ABOVE VARIABLE COSTS				
				\$ 22.32
4. FIXED COSTS				
MACHINERY	ACRE	3.06	1.00	3.06
TRACTORS	ACRE	3.84	1.00	3.84
LAND (NET RENT)	ACRE	13.61	1.00	<u>13.61</u>
TOTAL FIXED COSTS				\$ 20.52
5. TOTAL COSTS				
				\$ 49.95
6. NET RETURNS				
				\$ 1.80

LAND CHARGE BASED ON 33% OF GROSS INCOME LESS 33% OF FERTILIZER
HARVEST AND HAULING. GOVERNMENT DEFICIENCY PAYMENT NOT INCLUDED.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1979

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 HARVEST AND HAULING. GOVERNMENT DEFICIENCY PAYMENT NOT INCLUDED.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1979

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

GRAIN SORGHUM, FURROW IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS I REGIO
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.	3.45	60.00	\$ <u>207.00</u>
TOTAL				\$ 207.00
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	37.08	1.00	37.08
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	32.78	<u>3.28</u>
SUBTOTAL, PRE-HARVEST				\$ 130.25
HARVEST COSTS				
CUSTOM COMBINE	CWT.	0.30	60.00	18.00
CUSTOM HAUL	CWT.	0.10	60.00	<u>6.00</u>
SUBTOTAL, HARVEST				\$ 24.00
TOTAL VARIABLE COST				\$ 154.25
3. INCOME ABOVE VARIABLE COSTS				
				\$ 52.75
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	32.71	1.00	<u>32.71</u>
TOTAL FIXED COSTS				\$ 66.80
5. TOTAL COSTS				
				\$ 221.05
6. NET RETURNS				
				\$ -14.05

LAND (NET RENT) BASED ON 33% OF GROSS INCOME LESS 33% OF FERT, GAS, CHEM.
HARVEST, HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1979

GRAIN SORGHUM, FURROW IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS I 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. HARVEST, HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1979

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

**GRAIN SORGHUM, FURROW IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS I 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.	3.45	75.00	<u>258.75</u>
TOTAL				\$ 258.75
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	45.32	1.00	45.32
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	35.14	<u>3.51</u>
SUBTOTAL, PRE-HARVEST				\$ 137.85
HARVEST COSTS				\$
CUSTOM COMBINE	CWT.	0.30	75.00	22.50
CUSTOM HAUL	CWT.	0.10	75.00	<u>7.50</u>
SUBTOTAL, HARVEST				\$ 30.00
TOTAL VARIABLE COST				\$ 167.85
3. INCOME ABOVE VARIABLE COSTS				\$ 90.90
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	41.69	1.00	<u>41.69</u>
TOTAL FIXED COSTS				\$ 78.39
5. TOTAL COSTS				\$ 246.25
6. NET RETURNS				\$ 12.50

LAND (NET RENT) BASED ON 33% OF GROSS INCOME LESS 33% OF FERT. GAS, CHEM, HARVEST, HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1979

**GRAIN SORGHUM, FURROW IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS I REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT**

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB. PER ACRE	FIXED REPR. 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	<u>0.106</u>	<u>0.052</u>	<u>0.47</u>	<u>0.76</u>
TOTALS				3.518	2.229	12.43	17.07	

LAND (NET RENT) BASED ON 33% OF GROSS INCOME LESS 33% OF FERT, GAS, CHEM. HARVEST, HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1979

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

**GRAIN SORGHUM, SPRINKLER IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS I REG
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.	3.45	57.00	<u>196.65</u>
TOTAL				\$ 196.65
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	54.54	1.00	54.54
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	26.30	<u>2.63</u>
SUBTOTAL, PRE-HARVEST				\$ 126.24
HARVEST COSTS				\$
CUSTOM COMBINE	CWT.	0.30	57.00	17.10
CUSTOM HAUL	CWT.	0.10	57.00	<u>5.70</u>
SUBTOTAL, HARVEST				\$ 22.80
TOTAL VARIABLE COST				\$ 149.04
3. INCOME ABOVE VARIABLE COSTS				\$ 47.61
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	18.62	1.00	<u>18.62</u>
TOTAL FIXED COSTS				\$ 54.22
5. TOTAL COSTS				\$ 203.26
6. NET RETURNS				\$ -6.61

LAND (NET RENT) BASED ON 33% OF GROSS INCOME LESS 33% OF FERT, GAS, CHEM, HARVEST, HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.
PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1979

GRAIN SORGHUM, SPRINKLER IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS I 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	<u>1.000</u>	<u>0.800</u>	<u>2.14</u>	<u>1.51</u>
TOTALS				2.578	1.677	7.93	9.38

LAND (NET RENT) BASED ON 33% OF GROSS INCOME LESS 33% OF FERT, GAS, CHEM, HARVEST, HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.
 PREPARED BY DR. RAY W. SAMMONS, TAEX, AMARILLO, TEXAS PROJECTED 1979

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

**GRAIN SORGHUM, SPRINKLER IRRIGATED, (NATURAL GAS), TEXAS HIGH PLAINS I REGIC
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.	3.45	65.00	<u>224.25</u>
TOTAL				\$ 224.25
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	60.60	1.00	60.60
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	32.05	<u>3.21</u>
SUBTOTAL, PRE-HARVEST				\$ 134.05
HARVEST COSTS				\$
CUSTOM COMBINE	CWT.	0.30	65.00	19.50
CUSTOM HAUL	CWT.	0.10	65.00	<u>6.50</u>
SUBTOTAL, HARVEST				\$ 26.00
TOTAL VARIABLE COST				\$ 160.05
3. INCOME ABOVE VARIABLE COSTS				\$ 64.20
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	22.70	1.00	<u>22.70</u>
TOTAL FIXED COSTS				\$ 62.23
5. TOTAL COSTS				\$ 222.28
6. NET RETURNS				\$ 1.97

LAND (NET RENT) BASED ON 33% OF GROSS INCOME LESS 33% OF FERT, GAS, CHEM, HARVEST, HAUL AND 50% OF FIXED IRRIG COSTS. GOVT PROGRAM NOT INCL.
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