

GRAIN SORGHUM, IRRIGATED, TEXAS HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER ACRE (SIDE ROLL SYSTEM)
HIGH LEVEL MGMT., (13 ACRE INCHES APPLIED)

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
TANDEM DISC	1,43	JAN	1.00	0.239	0.159	1.10	0.82
PICKUP	10	JAN	0.10	0.125	0.100	0.34	0.20
MBPLOW 48	1,33	FEB	0.90	0.641	0.427	3.10	2.25
CLOD BUSTER	51	FEB	0.90	0.0	0.364	0.04	0.14
PICKUP	10	FEB	0.10	0.125	0.100	0.34	0.20
LISTER, 8-R	1,59	MAR	1.00	0.171	0.114	0.82	0.62
BED KNIFE 8R	1,67	MAR	1.00	0.134	0.089	0.67	0.50
PICKUP	10	MAR	0.10	0.125	0.100	0.34	0.20
PICKUP	10	APR	0.10	0.125	0.100	0.34	0.20
BED PLANTER	1,63	MAY	1.25	0.214	0.143	1.01	0.76
HERB SPRAYER	53	MAY	1.25	0.0	0.188	0.02	0.08
ROLLING CULT. 8R	1,65	MAY	1.00	0.134	0.089	0.70	0.56
PICKUP	10	MAY	0.10	0.125	0.100	0.34	0.20
SANDFIGHTER (2)	5,49	MAY	1.00	0.125	0.083	0.20	0.12
PICKUP	10	JUNE	0.10	0.125	0.100	0.34	0.20
SANDFIGHTER (2)	5,49	JUNE	1.00	0.125	0.083	0.20	0.12
FERT.APPL I,RENTD	3,86	JUNE	1.00	0.097	0.064	0.33	0.18
PICKUP	10	JULY	0.10	0.125	0.100	0.34	0.20
PICKUP	10	SEPT	0.10	0.125	0.100	0.34	0.20
TOTALS				2.879	2.605	10.86	7.75

* LAND CHARGE BASED ON LANDLORD SHARE (1/3) OF GROSS LESS 1/3 OF FERTILIZER, HAULING AND 50 PERCENT OF IRRIGATION FIXED COSTS. PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 73 004401 460 0
ANNUAL CAPITAL MONTH 9

GRAIN SORGHUM, IRRIGATED, TEXAS HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER ACRE (CENTER PIVOT SYSTEM)
HIGH LEVEL MGMT., (13 ACRE INCHES APPLIED)

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
GRAIN SORGHUM	CWT.	4.50	52.00	<u>234.00</u>
TOTAL				\$ 234.00
2. VARIABLE COSTS				
PREHARVEST				\$
DEEP BREAK	ACRE	25.00	0.10	2.50
SEED	LBS.	0.40	7.50	3.00
FERT(100-40-0)	ACRE	30.80	1.00	30.80
HERBICIDE	ACRE	3.50	1.00	3.50
INSECTICIDE	ACRE	5.00	1.00	5.00
MACHINERY	ACRE	3.48	1.00	3.48
TRACTORS	ACRE	7.38	1.00	7.38
IRRIGATION MACHINERY	ACRE	22.88	1.00	22.88
LABOR(TRACTOR & MACHINERY)	HOUR	2.75	2.88	7.92
LABOR(IRRIGATION)	HOUR	2.75	1.95	5.36
INTEREST ON OP. CAP.	DOL.	0.10	29.17	<u>2.92</u>
SUBTOTAL, PRE-HARVEST				\$ 94.74
HARVEST COSTS				\$
CUSTOM COMBINE	CWT.	0.35	52.00	18.20
CUSTOM HAUL	CWT.	0.20	52.00	<u>10.40</u>
SUBTOTAL, HARVEST				\$ 28.60
TOTAL VARIABLE COST				\$ 123.34
3. INCOME ABOVE VARIABLE COSTS				\$ 110.66
4. FIXED COSTS				\$
MACHINERY	ACRE	3.37	1.00	3.37
TRACTORS	ACRE	4.38	1.00	4.38
IRRIGATION MACHINERY	ACRE	29.12	1.00	29.12
LAND (NET RENT)	ACRE	49.06	1.00	<u>49.06</u>
TOTAL FIXED COSTS				\$ 85.94
5. TOTAL COSTS				\$ 209.27
6. NET RETURNS				\$ 24.73

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FERTILIZER, HAULING AND 50 PERCENT OF IRRIGATION FIXED COSTS.

PROJECTED, 1976

GRAIN SORGHUM, IRRIGATED, TEXAS HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER ACRE (CENTER PIVOT SYSTEM)
HIGH LEVEL MGMT., (13 ACRE INCHES APPLIED)

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
TANDEM DISC	1,43	JAN	1.00	0.239	0.159	1.10	0.82
PICKUP	10	JAN	0.10	0.125	0.100	0.34	0.20
MBPLOW 4B	1,33	FEB	0.90	0.641	0.427	3.10	2.25
CLOD BUSTER	51	FEB	0.90	0.0	0.364	0.04	0.14
PICKUP	10	FEB	0.10	0.125	0.100	0.34	0.20
LISTER, 8-R	1,59	MAR	1.00	0.171	0.114	0.82	0.62
BED KNIFE 8R	1,67	MAR	1.00	0.134	0.089	0.67	0.50
PICKUP	10	MAR	0.10	0.125	0.100	0.34	0.20
PICKUP	10	APR	0.10	0.125	0.100	0.34	0.20
BED PLANTER	1,63	MAY	1.25	0.214	0.143	1.01	0.76
HERB SPRAYER	53	MAY	1.25	0.0	0.188	0.02	0.08
ROLLING CULT. 8R	1,65	MAY	1.00	0.134	0.089	0.70	0.56
PICKUP	10	MAY	0.10	0.125	0.100	0.34	0.20
SANDFIGHTER (2)	5,49	MAY	1.00	0.125	0.083	0.20	0.12
PICKUP	10	JUNE	0.10	0.125	0.100	0.34	0.20
SANDFIGHTER (2)	5,49	JUNE	1.00	0.125	0.083	0.20	0.12
FERT.APPLI,RENTD	3,86	JUNE	1.00	0.097	0.064	0.33	0.18
PICKUP	10	JULY	0.10	0.125	0.100	0.34	0.20
PICKUP	10	SEPT	0.10	0.125	0.100	0.34	0.20
TOTALS				2.879	2.605	10.86	7.75

* LAND CHARGE BASED ON LANDLORD SHARE (1/3) OF GROSS LESS 1/3 OF
FERTILIZER, HAULING AND 50 PERCENT OF IRRIGATION FIXED COSTS.

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 73 004401 470 0
ANNUAL CAPITAL MONTH 9

GRAIN SORGHUM, IRRIGATED, TEXAS HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER ACRE (CENTER PIVOT SYSTEM)
HIGH LEVEL MGMT., (16 ACRE INCHES APPLIED)

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
GRAIN SORGHUM	CWT.	4.50	60.00	<u>270.00</u>
TOTAL				\$ 270.00
2. VARIABLE COSTS				\$
PREHARVEST				
DEEP BREAK	ACRE	25.00	0.10	2.50
SEED	LBS.	0.40	10.00	4.00
FERT(120-40-0)	ACRE	34.00	1.00	34.00
HERBICIDE	ACRE	3.50	1.00	3.50
INSECTICIDE	ACRE	5.00	1.00	5.00
MACHINERY	ACRE	3.48	1.00	3.48
TRACTORS	ACRE	7.38	1.00	7.38
IRRIGATION MACHINERY	ACRE	28.16	1.00	28.16
LABOR(TRACTOR & MACHINERY)	HOURL	2.75	2.88	7.92
LABOR(IRRIGATION)	HOURL	2.75	2.40	6.60
INTEREST ON OP. CAP.	DOL.	0.10	32.60	<u>3.26</u>
SUBTOTAL, PRE-HARVEST				\$ 105.80
HARVEST COSTS				\$
CUSTOM COMBINE	CWT.	0.35	60.00	21.00
CUSTOM HAUL	CWT.	0.20	60.00	<u>12.00</u>
SUBTOTAL, HARVEST				\$ 33.00
TOTAL VARIABLE COST				\$ 138.80
3. INCOME ABOVE VARIABLE COSTS				\$ 131.20
4. FIXED COSTS				\$
MACHINERY	ACRE	3.37	1.00	3.37
TRACTORS	ACRE	4.38	1.00	4.38
IRRIGATION MACHINERY	ACRE	35.84	1.00	35.84
LAND (NET RENT)	ACRE	56.00	1.00	<u>56.00</u>
TOTAL FIXED COSTS				\$ 99.59
5. TOTAL COSTS				\$ 238.39
6. NET RETURNS				\$ 31.61

* LAND CHARGE BASED ON LANDLORD SHARE (1/3) OF GROSS LESS 1/3 OF
FERTILIZER, HAULING AND 50 PERCENT OF IRRIGATION FIXED COSTS.

PROJECTED, 1976

GRAIN SORGHUM, IRRIGATED, TEXAS HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER ACRE (CENTER PIVOT SYSTEM)
HIGH LEVEL MGMT., (16 ACRE INCHES APPLIED)

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
TANDEM DISC	1,43	JAN	1.00	0.239	0.159	1.10	0.82
PICKUP	10	JAN	0.10	0.125	0.100	0.34	0.20
MB PLOW 4B	1,33	FEB	0.90	0.641	0.427	3.10	2.25
CLCD BUSTER	51	FEB	0.90	0.0	0.364	0.04	0.14
PICKUP	10	FEB	0.10	0.125	0.100	0.34	0.20
LISTER, 8-R	1,59	MAR	1.00	0.171	0.114	0.82	0.62
BED KNIFE 8R	1,67	MAR	1.00	0.134	0.089	0.67	0.50
PICKUP	10	MAR	0.10	0.125	0.100	0.34	0.20
PICKUP	10	APR	0.10	0.125	0.100	0.34	0.20
BED PLANTER	1,63	MAY	1.25	0.214	0.143	1.01	0.76
HERB SPRAYER	53	MAY	1.25	0.0	0.188	0.02	0.08
ROLLING CULT. 8R	1,65	MAY	1.00	0.134	0.089	0.70	0.56
PICKUP	10	MAY	0.10	0.125	0.100	0.34	0.20
SANDFIGHTER (2)	5,49	MAY	1.00	0.125	0.083	0.20	0.12
PICKUP	10	JUNE	0.10	0.125	0.100	0.34	0.20
SANDFIGHTER (2)	5,49	JUNE	1.00	0.125	0.083	0.20	0.12
FERT.APPLI,RENTD	3,86	JUNE	1.00	0.097	0.064	0.33	0.18
PICKUP	10	JULY	0.10	0.125	0.100	0.34	0.20
PICKUP	10	SEPT	0.10	0.125	0.100	0.34	0.20
TOTALS				2.879	2.605	10.86	7.75

* LAND CHARGE BASED ON LANDLORD SHARE (1/3) OF GROSS LESS 1/3 OF FERTILIZER, HAULING AND 50 PERCENT OF IRRIGATION FIXED COSTS.
PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 73 004401 470 0
ANNUAL CAPITAL MONTH 9

PERMANENT PASTURE ESTAB., IRRIGATED, TEXAS HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				
GRAZING				\$
TOTAL	AUMS	0.0	2.00	---0.0
				\$ 0.0
2. VARIABLE COSTS				
PREHARVEST				\$
SPRIGS	BU.	1.00	24.00	24.00
FERT(100-60-0)	ACRE	38.20	1.00	38.20
MACHINERY	ACRE	3.20	1.00	3.20
TRACTORS	ACRE	4.86	1.00	4.86
IRRIGATION MACHINERY	ACRE	28.16	1.00	28.16
LABOR(TRACTOR & MACHINERY)	HOUR	2.75	2.29	6.29
LABOR(IRRIGATION)	HOUR	2.75	2.40	6.60
INTEREST ON OP. CAP.	DOL.	0.10	43.25	---4.33
SUBTOTAL, PRE-HARVEST				\$ 115.63
HARVEST COSTS				\$
SUBTOTAL, HARVEST				-----
				\$ 0.0
TOTAL VARIABLE COST				\$ 115.63
3. INCOME ABOVE VARIABLE COSTS				\$-115.63
4. FIXED COSTS				\$
MACHINERY	ACRE	2.78	1.00	2.78
TRACTORS	ACRE	2.84	1.00	2.84
IRRIGATION MACHINERY	ACRE	35.84	1.00	35.84
LAND (NET RENT)	ACRE	22.08	1.00	---22.08
TOTAL FIXED COSTS				\$ 63.54
5. TOTAL COSTS				\$ 179.17
6. NET RETURNS				\$-179.17

* LAND CHARGE BASED ON \$40 PER ACRE LESS 50 PCT. OF IRRIGATION FIXED COSTS. INCOME FROM CROP REFLECTED IN LIVESTOCK BUDGETS. PROJECTED, 19

PERMANENT PASTURE ESTAB., IRRIGATED, TEXAS HIGH PLAINS IV 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	1,33	FEB	1.00	0.712	0.475	3.44	2.50
CLOD BUSTER	51	FEB	1.00	0.0	0.404	0.04	0.15
TANDEM DISC	3,43	FEB	1.00	0.239	0.159	0.87	0.64
PICKUP	10	FEB	0.10	0.125	0.100	0.34	0.20
FERT.APPL I, RENTD	5,86	MAR	1.00	0.097	0.064	0.15	0.07
TANDEM DISC	3,43	MAR	1.00	0.239	0.159	0.87	0.64
PICKUP	10	MAR	0.10	0.125	0.100	0.34	0.20
PICKUP	10	APR	0.10	0.125	0.100	0.34	0.20
PICKUP	10	MAY	0.10	0.125	0.100	0.34	0.20
PICKUP	10	JUNE	0.10	0.125	0.100	0.34	0.20
PICKUP	10	JULY	0.10	0.125	0.100	0.34	0.20
PICKUP	10	AUG	0.10	0.125	0.100	0.34	0.20
PICKUP	10	OCT	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.34</u>	<u>0.20</u>
TOTALS				2.286	2.062	8.06	5.62

* LAND CHARGE BASED ON \$40 PER ACRE LESS 50 PCT. OF IRRIGATION FIXED COSTS. INCOME FROM CROP REFLECTED IN LIVESTOCK BUDGETS. PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 817004402 470 0
ANNUAL CAPITAL MONTH 10

PERMANENT PASTURE, IRRIGATED, TEXAS HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				
GRAZING	AUMS	0.0	6.50	\$ ---0.0
TOTAL				\$ 0.0
2. VARIABLE COSTS				
PREHARVEST				\$
FERT(100-60-0)	ACRE	48.00	1.00	48.00
HERBICIDE	ACRE	4.00	1.00	4.00
MACHINERY	ACRE	2.36	1.00	2.36
TRACTORS	ACRE	0.30	1.00	0.30
IRRIGATION MACHINERY	ACRE	26.40	1.00	26.40
LABOR(TRACTOR & MACHINERY)	HOURL	2.75	1.07	2.94
LABOR(IRRIGATION)	HOURL	2.75	2.25	6.19
INTEREST ON OP. CAP.	DOL.	0.10	25.48	---2.55
SUBTOTAL, PRE-HARVEST				\$ 92.73
HARVEST COSTS				\$ ---
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 92.73
3. INCOME ABOVE VARIABLE COSTS				\$ -92.73
4. FIXED COSTS				\$
MACHINERY	ACRE	1.41	1.00	1.41
TRACTORS	ACRE	0.14	1.00	0.14
IRRIGATION MACHINERY	ACRE	33.60	1.00	33.60
PRORATED ESTAB. COST	ACRE	179.47	0.20	35.89
LAND (NET RENT)	ACRE	23.20	1.00	---23.20
TOTAL FIXED COSTS				\$ 94.25
5. TOTAL COSTS				\$ 186.97
6. NET RETURNS				\$-186.97

* ESTABLISHMENT COST PRORATED OVER FIVE YEARS. LAND CHARGE BASED ON \$40 PER ACRE LESS 50 PCT. OF IRRIGATION FIXED COSTS. INCOME FROM CROP REFLECTED IN LIVESTOCK BUDGETS. PROJECTED, 1976

PERMANENT PASTURE, IRRIGATED, TEXAS HIGH PLAINS IV 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
FERT. APPLI, RENTD	5,86	APR	1.00	0.097	0.064	0.15	0.07
PICKUP	10	APR	0.10	0.125	0.100	0.34	0.20
PICKUP	10	MAY	0.10	0.125	0.100	0.34	0.20
PICKUP	10	JUNE	0.10	0.125	0.100	0.34	0.20
PICKUP	10	JULY	0.10	0.125	0.100	0.34	0.20
PICKUP	10	AUG	0.10	0.125	0.100	0.34	0.20
FERT. APPLI, RENTD	5,86	SEPT	1.00	0.097	0.064	0.15	0.07
PICKUP	10	SEPT	0.10	0.125	0.100	0.34	0.20
PICKUP	10	OCT	0.10	0.125	0.100	0.34	0.20
TOTALS				1.068	0.829	2.65	1.56

* ESTABLISHMENT COST PRORATED OVER FIVE YEARS. LAND CHARGE BASED ON \$40 PER ACRE LESS 50 PCT. OF IRRIGATION FIXED COSTS. INCOME FROM CROP REFLECTED IN LIVESTOCK BUDGETS. PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 818004402 470 0
ANNUAL CAPITAL MONTH 10

PERMANENT PASTURE ESTAB., IRRIGATED, TEXAS HIGH PLAINS IV REGION
ESTIMATED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
GRAZING	AUMS	0.0	3.00	---0.0---
TOTAL				\$ 0.0
2. VARIABLE COSTS				\$
PREHARVEST				
SPRIGS	BU.	1.00	24.00	24.00
FERT(150-80-0)	ACRE	53.60	1.00	53.60
MACHINERY	ACRE	3.53	1.00	3.53
TRACTORS	ACRE	5.04	1.00	5.04
IRRIGATION MACHINERY	ACRE	28.16	1.00	28.16
LABOR(TRACTOR & MACHINERY)	HOURL	2.75	2.41	6.63
LABOR(IRRIGATION)	HOURL	2.75	2.40	6.60
INTEREST ON OP. CAP.	DOL.	0.10	51.01	---5.10---
SUBTOTAL, PRE-HARVEST				\$ 132.66
HARVEST COSTS				\$ -----
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 132.66
3. INCOME ABOVE VARIABLE COSTS				\$-132.66
4. FIXED COSTS				\$
MACHINERY	ACRE	2.98	1.00	2.98
TRACTORS	ACRE	2.95	1.00	2.95
IRRIGATION MACHINERY	ACRE	35.84	1.00	35.84
LAND (NET RENT)	ACRE	22.08	1.00	---22.08---
TOTAL FIXED COSTS				\$ 63.86
5. TOTAL COSTS				\$ 196.52
6. NET RETURNS				\$-196.52

* LAND CHARGE BASED ON \$40 PER ACRE LESS 50 PCT. OF IRRIGATION FIXED COSTS. INCOME REFLECTED IN LIVESTOCK BUDGETS. PROJECTED, 1976

PERMANENT PASTURE ESTAB., IRRIGATED, TEXAS HIGH PLAINS IV 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 4B	1,33	FEB	1.00	0.712	0.475	3.44	2.50
CLOD BUSTER	51	FEB	1.00	0.0	0.404	0.04	0.15
TANDEM DISC	3,43	FEB	1.00	0.239	0.159	0.87	0.64
PICKUP	10	FEB	0.10	0.125	0.100	0.34	0.20
FERT.APPLI,RENTD	3,86	MAR	1.00	0.097	0.064	0.33	0.18
PICKUP	10	MAR	0.10	0.125	0.100	0.34	0.20
TANDEM DISC	3,43	APR	1.00	0.239	0.159	0.87	0.64
PICKUP	10	APR	0.10	0.125	0.100	0.34	0.20
PICKUP	10	MAY	0.10	0.125	0.100	0.34	0.20
PICKUP	10	JUNE	0.10	0.125	0.100	0.34	0.20
PICKUP	10	JULY	0.10	0.125	0.100	0.34	0.20
PICKUP	10	AUG	0.10	0.125	0.100	0.34	0.20
PICKUP	10	SEPT	0.10	0.125	0.100	0.34	0.20
PICKUP	10	OCT	0.10	0.125	0.100	0.34	0.20
TOTALS				2.411	2.162	8.57	5.94

* LAND CHARGE BASED ON \$40 PER ACRE LESS 50 PCT. OF IRRIGATION FIXED COSTS. INCOME REFLECTED IN LIVESTOCK BUDGETS. PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 817004401 470 0
ANNUAL CAPITAL MONTH 10