

**Economics of Profitable Grain Sorghum Production in the Rio Grande
Plain and Lower Rio Grande Valley**

L-890A

GRAIN SORGHUM, DRYLAND, TEXAS WINTER GARDEN 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	CWT.	4.35	20.00	\$ 87.00
TOTAL				\$ 87.00
2. VARIABLE COSTS				
PREHARVEST				
SEED	LBS.	0.40	4.00	1.60
FERT(40-20-0)	ACRE	12.00	1.00	12.00
MACHINERY	ACRE	3.70	1.00	3.70
TRACTORS	ACRE	10.91	1.00	10.91
LABOR(TRACTOR & MACHINERY)	HOUR	3.00	3.73	11.19
INTEREST ON OP. CAP.	DOL.	0.08	14.17	1.20
SUBTOTAL, PRE-HARVEST				\$ 40.60
HARVEST COSTS				
CUSTOM COMBINE	CWT.	0.30	20.00	6.00
CUSTOM HAUL	CWT.	0.20	20.00	4.00
SUBTOTAL, HARVEST				\$ 10.00
TOTAL VARIABLE CCST				\$ 50.60
3. BREAKEVEN PRICE, VARIABLE COSTS	CWT.			2.530
4. FIXED COSTS				
MACHINERY	ACRE	3.04	1.00	3.04
TRACTORS	ACRE	5.21	1.00	5.21
LAND (NET RENT)	ACRE	20.00	1.00	20.00
TOTAL FIXED COSTS				\$ 28.26
5. TOTAL COSTS				\$ 78.86
6. BREAKEVEN PRICE, TOTAL COSTS	CWT.			3.943

PREPARED BY GLEN FISHER, TAEX, UVALDE, TEXAS

PROJECTED 1977

GRAIN SORGHUM, DRYLAND, TEXAS WINTER GARDEN 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
OFFSET DISC	1.34	OCT	1.00	0.311	0.207	1.40	0.91
MOLDBOARD FLOW	1.32	OCT	1.00	0.712	0.475	3.29	1.96
PICKUP	10	OCT	0.10	0.125	0.100	0.39	0.14
OFFSET DISC	1.34	NOV	1.00	0.311	0.207	1.40	0.91
PICKUP	10	NOV	0.10	0.125	0.100	0.39	0.14
FERT. APPLI. RENTD	3.86	JAN	1.00	0.097	0.064	0.28	0.13
MIDDLE BUSTER 6R	1.36	JAN	1.00	0.231	0.154	1.01	0.58
PICKUP	10	JAN	0.10	0.125	0.100	0.39	0.14
ROLLING CULT 4R	1.38	FEB	1.00	0.272	0.181	1.29	0.83
PICKUP	10	FEB	0.10	0.125	0.100	0.39	0.14
PLANTER 4R	1.42	MAR	1.00	0.278	0.185	1.22	0.75
CULTIVATOR 4R	3.40	MAR	1.00	0.322	0.215	0.99	0.61
PICKUP	10	MAR	0.10	0.125	0.100	0.39	0.14
CULTIVATOR 4R	3.40	MAY	1.00	0.322	0.215	0.99	0.61
PICKUP	10	MAY	0.10	0.125	0.100	0.39	0.14
PICKUP	10	JULY	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.39</u>	<u>0.14</u>
TOTALS				3.730	2.603	14.61	8.26

PREPARED BY GLEN FISHER, TAEX, UVALDE, TEXAS

PROJECTED 1977

GRAIN SORGHUM, IRRIGATED, TEXAS WINTER GARDEN 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	CWT.	4.35	60.00	\$ <u>261.00</u>
TOTAL				\$ 261.00
2. VARIABLE COSTS				
PREHARVEST				
SEED	LBS.	0.40	8.00	3.20
FERT(100-60-0)	ACRE	32.00	1.00	32.00
HERBICIDE	ACRE	7.50	1.00	7.50
MACHINERY	ACRE	7.40	1.00	7.40
TRACTORS	ACRE	27.85	1.00	27.85
IRRIGATION MACHINERY	ACRE	27.80	1.00	27.80
LABOR(TRACTOR & MACHINERY)	HOUR	3.00	9.10	27.29
LABOR(IRRIGATION)	HOUR	3.00	3.00	9.00
INTEREST ON OP. CAP.	DOL.	0.08	39.02	<u>3.32</u>
SUBTOTAL, PRE-HARVEST				\$ 145.35
HARVEST COSTS				
CUSTOM COMBINE	CWT.	0.30	60.00	18.00
CUSTOM HAUL	CWT.	0.20	60.00	<u>12.00</u>
SUBTOTAL, HARVEST				\$ 30.00
TOTAL VARIABLE COST				\$ 175.35
3. BREAKEVEN PRICE, VARIABLE COSTS	CWT.			2.923
4. FIXED COSTS				
MACHINERY	ACRE	6.02	1.00	6.02
TRACTORS	ACRE	13.32	1.00	13.32
IRRIGATION MACHINERY	ACRE	18.40	1.00	18.40
LAND (NET RENT)	ACRE	40.00	1.00	<u>40.00</u>
TOTAL FIXED COSTS				\$ 77.74
5. TOTAL COSTS				\$ 253.09
6. BREAKEVEN PRICE, TOTAL COSTS	CWT.			4.218

PREPARED BY GLEN FISHER, TAEX, UVALDE, TEXAS

PROJECTED 1977

GRAIN SORGHUM, IRRIGATED, TEXAS WINTER GARDEN 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 CCSTS PER ACRE
SHPEDDER 4R	3.30	SEPT	1.00	0.245	0.163	0.78	0.56
OFFSET DISC	1.34	SEPT	1.00	0.311	0.207	1.40	0.91
PICKUP	10	SEPT	0.10	0.125	0.100	0.39	0.14
OFFSET DISC	1.34	OCT	1.00	0.311	0.207	1.40	0.91
MCLDBOARD PLOW	1.32	OCT	1.00	0.712	0.475	3.29	1.96
OFFSET DISC	1.34	OCT	1.00	0.311	0.207	1.40	0.91
LAND PLANE	1.50	OCT	1.00	0.702	0.468	3.31	2.46
PICKUP	10	NOV	0.10	0.125	0.100	0.39	0.14
FERT. APPLI. RENTD	3.86	JAN	1.00	0.097	0.064	0.28	0.13
MIDDLE BUSTER 6R	1.36	JAN	1.00	0.231	0.154	1.01	0.58
PICKUP	10	JAN	0.10	0.125	0.100	0.39	0.14
MIDDLE BUSTER 6R	1.36	FEB	1.00	0.231	0.154	1.01	0.58
PICKUP	10	FEB	0.10	0.125	0.100	0.39	0.14
PLANTER 4R	1.42	MAR	1.00	0.278	0.185	1.22	0.75
RCLLING CULT 4P	1.38	MAR	1.00	0.272	0.181	1.29	0.83
V-TYPE DITCHER	3.54	MAR	1.00	0.604	0.402	2.03	0.91
SCRAPER BLADE	3.56	MAR	1.00	0.503	0.335	1.80	0.78
PICKUP	10	MAR	0.10	0.125	0.100	0.39	0.14
RCLLING CULT 4R	1.38	APR	1.00	0.272	0.181	1.29	0.83
SPRAYER	3.52	APR	1.00	0.408	0.272	1.25	0.80
V-TYPE DITCHER	3.54	APR	1.00	0.604	0.402	2.03	0.91
SCRAPER BLADE	3.56	APR	1.00	0.503	0.335	1.80	0.78
PICKUP	10	APR	0.10	0.125	0.100	0.39	0.14
RCLLING CULT 4R	1.38	MAY	1.00	0.272	0.181	1.29	0.83
PICKUP	10	MAY	0.10	0.125	0.100	0.39	0.14
V-TYPE DITCHER	3.54	JUNE	1.00	0.604	0.402	2.03	0.91
SCRAPER BLADE	3.56	JUNE	1.00	0.503	0.335	1.80	0.78
PICKUP	10	JUNE	0.10	0.125	0.100	0.39	0.14
PICKUP	10	JULY	0.10	0.125	0.100	0.39	0.14
TOTALS				9.096	6.214	35.25	19.34

PREPARED BY GLEN FISHER, TAEX, UVALDE, TEXAS

PROJECTED 1977

GRAIN SORGHUM, IRRIGATED, TEXAS EDWARDS AQUIFER 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.	4.35	60.00	\$ <u>261.00</u>
TOTAL				\$ 261.00
2. VARIABLE COSTS				
PREHARVEST				
SEED	LBS.	0.40	8.00	3.20
FERT(100-60-0)	ACRE	32.00	1.00	32.00
HERBICIDE	ACRE	7.50	1.00	7.50
INSECTICIDE	APPL	3.00	1.00	3.00
MACHINERY	ACRE	6.16	1.00	6.16
TRACTORS	ACRE	11.12	1.00	11.12
IRRIGATION MACHINERY	ACRE	15.30	1.00	15.30
LABOR(TRACTOR & MACHINERY)	HOUR	3.00	4.79	14.37
LABOR(IRRIGATION)	HOUR	3.00	2.70	8.10
INTEREST ON OP. CAP.	DOL.	0.08	39.99	<u>3.40</u>
SUBTOTAL, PRE-HARVEST				\$ 104.16
HARVEST COSTS				
CUSTOM HAUL	CWT.	0.20	60.00	12.00
CUSTOM COMBINE	CWT.	0.25	60.00	<u>15.00</u>
SUBTOTAL, HARVEST				\$ 27.00
TOTAL VARIABLE COST				\$ 131.16
3. BREAKEVEN PRICE, VARIABLE COSTS	CWT.			2.186
4. FIXED COSTS				
MACHINERY	ACRE	5.98	1.00	5.98
TRACTORS	ACRE	5.13	1.00	5.13
IRRIGATION MACHINERY	ACRE	19.80	1.00	19.80
LAND (NET RENT)	ACRE	40.00	1.00	<u>40.00</u>
TOTAL FIXED COSTS				\$ 70.92
5. TOTAL COSTS				\$ 202.07
6. BREAKEVEN PRICE, TOTAL COSTS	CWT.			3.368

PREPARED BY GLEN FISHER, TAEX, UVALDE, TEXAS

PROJECTED 1977

GRAIN SORGHUM, IRRIGATED, TEXAS EDWARDS AQUIFER 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 CCSTS PER ACRE
SHREDDER	2,30	SEPT	1.00	0.265	0.177	0.96	0.84
OFFSET DISC	1,37	SEPT	1.00	0.239	0.159	0.95	0.59
PICKUP	10	SEPT	0.10	0.125	0.100	0.40	0.19
CHISEL PLOW	1,32	OCT	0.50	0.157	0.105	0.60	0.32
MOLDBOARD PLOW	1,34	OCT	0.50	0.356	0.237	1.49	0.88
OFFSET DISC	1,37	OCT	1.00	0.239	0.159	0.95	0.59
LAND PLANE	1,52	OCT	1.00	0.702	0.468	3.05	2.37
PICKUP	10	OCT	0.10	0.125	0.100	0.40	0.19
PICKUP	10	NOV	0.10	0.125	0.100	0.40	0.19
PICKUP	10	DEC	0.10	0.125	0.100	0.40	0.19
FERT. APPLI. RENTD	2,86	JAN	1.00	0.097	0.064	0.30	0.16
BEDDER	2,39	JAN	1.00	0.231	0.154	0.78	0.54
PICKUP	10	JAN	0.10	0.125	0.100	0.40	0.19
BEDDER	2,39	FEB	1.00	0.231	0.154	0.78	0.54
PICKUP	10	FEB	0.10	0.125	0.100	0.40	0.19
PLANTER	2,45	MAR	1.20	0.277	0.185	0.96	0.75
ROLLING CULT	2,41	MAR	1.00	0.181	0.121	0.63	0.43
PICKUP	10	MAR	0.10	0.125	0.100	0.40	0.19
ROLLING CULT	2,41	APR	1.00	0.181	0.121	0.63	0.43
HERBICIDE SPRAYR	2,55	APR	0.50	0.136	0.090	0.46	0.35
PICKUP	10	APR	0.10	0.125	0.100	0.40	0.19
PICKUP	10	MAY	0.10	0.125	0.100	0.40	0.19
PICKUP	10	JUNE	0.10	0.125	0.100	0.40	0.19
PICKUP	10	JULY	0.10	0.125	0.100	0.40	0.19
PICKUP	10	AUG	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.40</u>	<u>0.19</u>
TOTALS				4.791	3.394	17.28	11.12

PREPARED BY GLEN FISHER, TAEX, UVALDE, TEXAS

PROJECTED 1977

GRAIN SORGHUM, IRRIGATED, LOWER SOUTH CENTRAL TEXAS 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.	4.30	45.00	\$ 193.50
TOTAL				\$ 193.50
2. VARIABLE COSTS				
PREHARVEST				
SEED	LBS.	0.42	6.00	2.52
FERT. (80-40-0)	ACRE	24.00	1.00	24.00
HERBICIDE	ACRE	3.45	1.00	3.45
INSECTICIDE	APPL	2.39	0.33	0.79
MACHINERY	ACRE	5.59	1.00	5.59
TRACTORS	ACRE	14.07	1.00	14.07
IRRIGATION MACHINERY	ACRE	49.68	1.00	49.68
LABOR (TRACTOR & MACHINERY)	HOUR	2.75	6.05	16.64
LABOR (IRRIGATION)	HOUR	2.00	1.13	2.27
INTEREST ON OP. CAP.	DOL.	0.09	33.56	3.19
SUBTOTAL, PRE-HARVEST				\$ 122.19
HARVEST COSTS				
CUSTOM COMBINE	CWT.	0.30	45.00	13.50
CUSTOM HAUL	CWT.	0.15	45.00	6.75
SUBTOTAL, HARVEST				\$ 20.25
TOTAL VARIABLE COST				\$ 142.44
3. INCOME ABOVE VARIABLE COSTS				\$ 51.06
4. FIXED COSTS				
MACHINERY	ACRE	6.08	1.00	6.08
TRACTORS	ACRE	8.10	1.00	8.10
IRRIGATION MACHINERY	ACRE	34.79	1.00	34.79
LAND (NET RENT)	ACRE	30.00	1.00	30.00
TOTAL FIXED COSTS				\$ 78.97
5. TOTAL COSTS				\$ 221.42
6. NET RETURNS				\$ -27.92

LAND CHARGE BASED ON CURRENT CASH RENT PRICE IN REGION.

PREPARED BY ALAN REICHARDT, TAEX, WESLACO, TEXAS

PROJECTED 1977

GRAIN SORGHUM, IRRIGATED, LOWER SOUTH CENTRAL TEXAS REGION
 ESTIMATED COSTS AND RETURNS PER ACRE
 HIGH LEVEL MANAGEMENT

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUP. PER ACRE	FIXED COSTS PER ACRE
PICKUP	10	AUG	0.10	0.125	0.100	0.38	0.16
PICKUP	10	SEPT	0.10	0.125	0.100	0.38	0.16
SHREDDER	3,47	OCT	1.00	0.294	0.163	1.08	1.20
MOLDBOARD PLOW	1,31	OCT	1.00	1.006	0.559	3.34	1.75
PICKUP	10	OCT	0.10	0.125	0.100	0.38	0.16
DISC	1,33	NOV	1.00	0.344	0.191	1.16	0.73
PICKUP	10	NOV	0.10	0.125	0.100	0.38	0.16
DISC	1,33	DEC	1.00	0.344	0.191	1.16	0.73
LISTER BEDDER	1,35	DEC	1.00	0.277	0.154	0.92	0.53
SPRAYER, HERB.	3,63	DEC	1.00	0.397	0.220	1.20	0.98
PICKUP	10	DEC	0.10	0.125	0.100	0.38	0.16
FERT. APPLI. FENTD	3,86	FEB	1.00	0.116	0.064	0.33	0.23
PICKUP	10	FEB	0.10	0.125	0.100	0.38	0.16
LISTER BEDDER	3,35	MAR	1.00	0.277	0.154	0.86	0.72
PLANTER	3,44	MAR	1.00	0.568	0.316	2.14	2.57
SPRAYER, HERB.	3,63	MAR	1.00	0.397	0.220	1.20	0.98
ROLLING CULT.	3,43	MAR	1.00	0.217	0.121	0.74	0.63
PICKUP	10	MAR	0.10	0.125	0.100	0.38	0.16
ROLLING CULT.	3,43	APR	1.00	0.217	0.121	0.74	0.63
PICKUP	10	APR	0.10	0.125	0.100	0.38	0.16
ROLLING CULT.	3,43	MAY	1.00	0.217	0.121	0.74	0.63
PICKUP	10	MAY	0.10	0.125	0.100	0.38	0.16
APPLI. INSECT.	5,67	JUNE	0.33	0.131	0.073	0.27	0.26
PICKUP	10	JUNE	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.38</u>	<u>0.16</u>
TOTALS				6.052	3.668	19.66	14.18

LAND CHARGE BASED ON CURRENT CASH RENT PRICE IN REGION.

PREPARED BY ALAN REICHARDT, TAEX, WESLACO, TEXAS

PROJECTED 1977

GRAIN SORGHUM, DRYLAND, TEXAS RIO GRANDE VALLEY 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.	4.40	40.00	\$ <u>176.00</u>
TOTAL				\$ 176.00
2. VARIABLE COSTS				
PREHARVEST				
SEED	LBS.	0.42	7.00	2.94
FERT(40-20-0)	ACRE	12.00	1.00	12.00
HERBICIDE	ACRE	5.90	1.00	5.90
HERBICIDE APPLI.	APPL	3.00	0.50	1.50
INSECTICIDE	ACRE	4.78	1.00	4.78
INSECT. APPLI.	APPL	1.50	2.00	3.00
MACHINERY	ACRE	6.11	1.00	6.11
TRACTORS	ACRE	7.70	1.00	7.70
LABOR(TRACTOR & MACHINERY)	HOUR	2.75	3.81	10.48
INTEREST ON OP. CAP.	DOL.	0.09	22.35	<u>2.12</u>
SUBTOTAL, PRE-HARVEST				\$ 56.53
HARVEST COSTS				
CUSTOM COMBINE	CWT.	0.30	40.00	12.00
CUSTOM HAUL	CWT.	0.15	40.00	<u>6.00</u>
SUBTOTAL, HARVEST				\$ 18.00
TOTAL VARIABLE COST				\$ 74.53
3. INCOME ABOVE VARIABLE COSTS				\$ 101.47
4. FIXED COSTS				
MACHINERY	ACRE	5.55	1.00	5.55
TRACTORS	ACRE	3.78	1.00	3.78
LAND (NET RENT)	ACRE	40.00	1.00	<u>40.00</u>
TOTAL FIXED COSTS				\$ 49.33
5. TOTAL COSTS				\$ 123.86
6. NET RETURNS				\$ 52.14

LAND CHARGE BASED ON CASH LEASE.

PREPARED BY ALAN W. FEICHARDT, TAEX, WESLACO, TEXAS

PROJECTED 1977

GRAIN SORGHUM, DRYLAND, TEXAS RIO GRANDE VALLEY 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	REP. COSTS PER ACRE	FIXED COSTS PER ACRE
SHREDDER 4R	3,49	AUG	1.00	0.245	0.163	0.81		0.74
MOLDBOARD PLOW	1,31	AUG	0.50	0.282	0.188	1.59		1.16
OFFSET DISC	1,41	AUG	1.00	0.239	0.159	1.17		0.94
PICKUP TRUCK	10	AUG	0.10	0.125	0.100	0.39		0.19
PICKUP TRUCK	10	SEPT	0.10	0.125	0.100	0.39		0.19
DISC TILLER	2,46	OCT	1.00	0.222	0.148	0.88		0.68
PICKUP TRUCK	10	OCT	0.10	0.125	0.100	0.39		0.19
PICKUP TRUCK	10	NOV	0.10	0.125	0.100	0.39		0.19
TANDEM DISC	1,43	DEC	1.00	0.155	0.104	0.71		0.47
BEDDER 6R	2,36	DEC	1.00	0.231	0.154	0.90		0.60
PICKUP TRUCK	10	DEC	0.10	0.125	0.100	0.39		0.19
FERT. APPLI. RENTD	1,86	JAN	1.00	0.097	0.064	0.40		0.17
PICKUP TRUCK	10	JAN	0.10	0.125	0.100	0.39		0.19
ROLLING CULT 6R	2,34	FEB	1.00	0.181	0.121	0.75		0.50
PLANTER 6R	3,38	FEB	1.25	0.231	0.154	0.66		0.57
PICKUP TRUCK	10	FEB	0.10	0.125	0.100	0.39		0.19
CULTIVATOR 6R	4,47	MAR	1.00	0.214	0.143	0.61		0.61
PICKUP TRUCK	10	MAR	0.10	0.125	0.100	0.39		0.19
CULTIVATOR 6R	4,47	APR	1.00	0.214	0.143	0.61		0.61
PICKUP TRUCK	10	APR	0.10	0.125	0.100	0.39		0.19
PICKUP TRUCK	10	MAY	0.10	0.125	0.100	0.39		0.19
PICKUP TRUCK	10	JUNE	0.10	0.125	0.100	0.39		0.19
PICKUP TRUCK	10	JULY	0.10	0.125	0.100	0.39		0.19
TOTALS				3.910	2.740	13.81		9.34

LAND CHARGE BASED ON CASH LEASE.

PREPARED BY ALAN W. REICHARDT, TAEX, WESLACO, TEXAS

PROJECTED 1977

GRAIN SORGHUM, IRRIGATED, TEXAS RIO GRANDE VALLEY 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.	4.40	55.00	<u>242.00</u>
TOTAL				\$ 242.00
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	LBS.	0.42	7.00	2.94
FERT(100-50-0)	ACRE	30.00	1.00	30.00
HERBICIDE	ACRE	5.90	1.00	5.90
HERBICIDE APPLI.	APPL	3.00	1.00	3.00
INSECTICIDE	ACRE	7.17	1.00	7.17
INSECT. APPLI.	APPL	1.50	1.00	1.50
IRRIGATION WATER	APPL	3.50	3.00	10.50
MACHINERY	ACRE	6.49	1.00	6.49
TRACTORS	ACRE	11.10	1.00	11.10
IRRIGATION MACHINERY	ACRE	1.50	1.00	1.50
LABOR(TRACTOR & MACHINERY)	HOURL	2.75	4.85	13.35
LABOR(IRRIGATION)	HOURL	2.50	3.00	7.50
INTEREST ON OP. CAP.	DOL.	0.09	36.64	<u>3.48</u>
SUBTOTAL, PRE-HARVEST				\$ 104.43
HARVEST COSTS				\$
CUSTOM COMBINE	CWT.	0.30	55.00	16.50
CUSTOM HAUL	CWT.	0.15	55.00	<u>8.25</u>
SUBTOTAL, HARVEST				\$ 24.75
TOTAL VARIABLE COST				\$ 129.18
3. INCOME ABOVE VARIABLE COSTS				\$ 112.82
4. FIXED COSTS				\$
MACHINERY	ACRE	6.38	1.00	6.38
TRACTORS	ACRE	5.52	1.00	5.52
IRRIGATION MACHINERY	ACRE	3.00	1.00	3.00
LAND (NET RENT)	ACRE	50.00	1.00	<u>50.00</u>
TOTAL FIXED COSTS				\$ 64.90
5. TOTAL COSTS				\$ 194.08
6. NET RETURNS				\$ 47.92

LAND CHARGE BASED ON CASH LEASE.

PREPARED BY ALAN W. REICHARDT, TAEX, WESLACO, TEXAS

PROJECTED 1977

GRAIN SORGHUM, IRRIGATED, TEXAS RIO GRANDE VALLEY 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 COSTS PER ACRE
SHREDDER 4R	3,49	AUG	1.00	0.245	0.163	0.81	0.74
OFFSET DISC	1,41	AUG	1.00	0.239	0.159	1.17	0.94
MOLDBOARD PLOW	1,31	AUG	0.50	0.282	0.188	1.59	1.16
CHISEL PLOW	1,33	AUG	0.50	0.171	0.114	0.77	0.46
PICKUP TRUCK	10	AUG	0.10	0.125	0.100	0.39	0.19
TANDEM DISC	1,43	SEPT	2.00	0.311	0.207	1.43	0.95
PICKUP TRUCK	10	SEPT	0.10	0.125	0.100	0.39	0.19
BEDDER 6R	2,36	OCT	1.00	0.231	0.154	0.90	0.60
PICKUP TRUCK	10	OCT	0.10	0.125	0.100	0.39	0.19
PICKUP TRUCK	10	NOV	0.10	0.125	0.100	0.39	0.19
FERT. APPLI. FENDT	3,86	DEC	1.00	0.097	0.064	0.25	0.14
PICKUP TRUCK	10	DEC	0.10	0.125	0.100	0.39	0.19
BEDDER 6R	2,36	JAN	1.00	0.231	0.154	0.90	0.60
PICKUP TRUCK	10	JAN	0.10	0.125	0.100	0.39	0.19
ROLLING CULT 5R	3,34	FEB	1.00	0.181	0.121	0.59	0.46
PLANTER 6R	2,38	FEB	1.00	0.185	0.123	0.69	0.50
PICKUP TRUCK	10	FEB	0.10	0.125	0.100	0.39	0.19
CULTIVATOR 6R	2,47	MAR	1.00	0.214	0.143	0.86	0.60
DITCHER BLADE	4,56	MAR	0.50	0.252	0.168	0.69	0.62
PICKUP TRUCK	10	MAR	0.10	0.125	0.100	0.39	0.19
DITCHER BLADE	4,56	APR	0.50	0.252	0.168	0.69	0.62
PICKUP TRUCK	10	APR	0.10	0.125	0.100	0.39	0.19
CULTIVATOR 6R	2,47	MAY	1.00	0.214	0.143	0.86	0.60
DITCHER BLADE	4,56	MAY	0.50	0.252	0.168	0.69	0.62
PICKUP TRUCK	10	MAY	0.10	0.125	0.100	0.39	0.19
PICKUP TRUCK	10	JUNE	0.10	0.125	0.100	0.39	0.19
PICKUP TRUCK	10	JULY	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.39</u>	<u>0.19</u>
TOTALS				4.855	3.436	17.59	11.90

LAND CHARGE BASED ON CASH LEASE.

PREPARED BY ALAN W. REICHARDT, TAEX, WESLACO, TEXAS

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