

GRAIN SORGHUM, IRRIGATED, TEXAS ROLLING PLAINS II REGION
ESTIMATED COSTS AND RETURNS PER ACRE

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
SHREDDER 2R	5,56	FEB	1.00	0.557	0.422	1.79	2.61
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.40	0.25
MOLDBOARD 6B	3,47	MAR	0.50	0.189	0.143	1.56	3.48
CHISEL	3,44	MAR	0.50	0.066	0.050	0.57	1.04
TANDEM DISC	4,40	MAR	1.00	0.208	0.158	1.19	2.27
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.40	0.25
LISTER-PLNT6R	4,36	APR	1.00	0.151	0.115	0.90	1.81
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.40	0.25
ROLLING CULT	4,30	MAY	1.00	0.194	0.147	1.15	1.96
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.40	0.25
LISTER-PLNT6R	4,36	JUNE	1.20	0.181	0.137	1.07	2.17
SAND FIGHTER	4,51	JUNE	1.00	0.076	0.057	0.44	0.68
ROLLING CULT	4,30	JUNE	1.00	0.194	0.147	1.15	1.96
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.40	0.25
CULTIVATOR 6R	3,33	JULY	2.00	0.415	0.314	3.12	7.07
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.40	0.25
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.40	0.25
PICKUP 1/2 TON	10	OCT	0.10	0.125	0.100	0.40	0.25
TOTALS				3.233	2.491	16.12	27.02

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 10/09/80.

B-1241 (C 6)

GUAR, DRYLAND, TEXAS ROLLING PLAINS II REGION
ESTIMATED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT VALUE		YOUR ESTIMATE
1. GROSS RECEIPTS					
GUAR	6.60	CWT.	15.00	99.00	-----
TOTAL PROJECTED RETURNS			\$	99.00	\$ -----
2. VARIABLE COSTS					
PREHARVEST COSTS					
GUAR SEED	8.00	LB.	0.25	2.00	-----
MISC EXPENSE	1.00	DOL.	1.00	1.00	-----
FUEL & LUBE--TRACTOR		ACRE		6.81	-----
EQUIPMENT		ACRE		3.02	-----
REPAIRS-----TRACTOR		ACRE		1.29	-----
EQUIPMENT		ACRE		2.48	-----
LABOR-----MACHINERY	2.68	HOUR	5.00	13.38	-----
OPERATING CAPITAL	6.17	DOL.	0.14	0.86	-----
SUBTOTAL, PREHARVEST		ACRE	\$	30.84	\$ -----
HARVEST COSTS					
CSTM HVST GUAR	1.00	ACRE	10.00	10.00	-----
CSTM HAUL GUAR	6.60	CWT.	0.25	1.65	-----
SUBTOTAL, HARVEST		ACRE	\$	11.65	\$ -----
TOTAL VARIABLE COSTS		ACRE	\$	42.49	\$ -----
BREAK-EVEN PRICE, VARIABLE COSTS		\$	6.44/CWT.		
3. INCOME ABOVE VARIABLE COSTS		ACRE	\$	56.51	\$ -----
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		13.04	-----
EQUIPMENT		ACRE		7.97	-----
LAND (NET SHARE-RENT)		ACRE		28.83	-----
TOTAL FIXED COSTS		ACRE	\$	49.84	\$ -----
5. TOTAL PROJECTED COSTS		ACRE	\$	92.33	\$ -----
BREAK-EVEN PRICE, TOTAL COSTS		\$	13.99/CWT.		
6. NET PROJECTED RETURNS		ACRE	\$	6.67	\$ -----

LAND CHARGE USES LANDLORD'S SHARE OF GROSS 33% LESS 33% OF HARVEST AND HAUL

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GUAR, DRYLAND, TEXAS ROLLING PLAINS II REGION
ESTIMATED COSTS AND RETURNS PER ACRE

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
MOLDBOARD 6B	3,47	DEC	0.30	0.113	0.086	0.94	2.09
PICKUP 1/2 TON	10	DEC	0.10	0.125	0.100	0.40	0.25
CHISEL	3,44	JAN	1.40	0.184	0.139	1.59	2.92
PICKUP 1/2 TON	10	JAN	0.10	0.125	0.100	0.40	0.25
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.40	0.25
TANDEM DISC	3,40	MAR	0.30	0.062	0.047	0.48	0.92
LISTER-PLNT6R	4,36	MAR	1.00	0.151	0.115	0.90	1.81
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.40	0.25
ROLLING CULT	4,30	APR	1.00	0.194	0.147	1.15	1.96
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.40	0.25
SAND FIGHTER	4,51	MAY	2.00	0.151	0.115	0.89	1.36
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.40	0.25
LISTER-PLNT6R	4,36	JUNE	1.10	0.166	0.126	0.99	1.99
ROLLING CULT	4,30	JUNE	1.00	0.194	0.147	1.15	1.96
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.40	0.25
CULTIVATOR 6R	3,33	JULY	1.00	0.207	0.157	1.56	3.53
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.40	0.25
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.40	0.25
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.40	0.25
TOTALS				2.675	2.080	13.60	21.01

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B-1241(C 6)

GUAR, IRRIGATED, TEXAS ROLLING PLAINS II REGION
ESTIMATED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
GUAR	15.00	CWT.	15.00	225.00	
TOTAL PROJECTED RETURNS				\$ 225.00	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
GUAR SEED	8.00	LB.	0.25	2.00	
MISC EXPENSE	1.00	DOL.	1.00	1.00	
IRRIGATION WATER	10.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		7.59	
EQUIPMENT		ACRE		3.02	
IRRIGATION		ACRE		13.00	
REPAIRS-----TRACTOR		ACRE		1.44	
EQUIPMENT		ACRE		2.54	
IRRIGATION		ACRE		3.30	
LABOR-----MACHINERY	2.82	HOUR	5.00	14.12	
IRRIGATION	1.00	HOUR	5.00	5.00	
OTHER	2.00	HOUR	3.50	7.00	
OPERATING CAPITAL	12.55	DOL.	0.14	1.76	
SUBTOTAL, PREHARVEST		ACRE		\$ 61.77	\$
HARVEST COSTS					
CSTM HVST GUAR	1.00	ACRE	10.00	10.00	
CSTM HAUL GUAR	15.00	CWT.	0.25	3.75	
SUBTOTAL, HARVEST		ACRE		\$ 13.75	\$
TOTAL VARIABLE COSTS		ACRE		\$ 75.52	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 5.03/CWT.		
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 149.48	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		14.57	
EQUIPMENT		ACRE		8.65	
IRRIGATION		ACRE		15.50	
LAND (NET SHARE-RENT)		ACRE		69.71	
TOTAL FIXED COSTS		ACRE		\$ 108.43	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 183.95	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 12.26/CWT.		
6. NET PROJECTED RETURNS		ACRE		\$ 41.05	\$

LAND CHARGE USES LANDLORD'S SHARE OF GROSS 33% LESS 33% OF HARVEST AND HAUL.
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SERVICE AND APPROVED FOR PUBLICATION.

GUAR, IRRIGATED, TEXAS ROLLING PLAINS II REGION
ESTIMATED COSTS AND RETURNS PER ACRE

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB.,REP. PER ACRE	FIXED COSTS PER ACRE
MOLDBOARD 6B	3,47	JAN	0.50	0.189	0.143	1.56	3.48
CHISEL	3,44	JAN	0.50	0.066	0.050	0.57	1.04
PICKUP 1/2 TON	10	JAN	0.10	0.125	0.100	0.40	0.25
TANDEM DISC	3,40	FEB	1.00	0.208	0.158	1.60	3.08
PICKUP 1/2 TON	10	FEB	0.10	0.125	0.100	0.40	0.25
PICKUP 1/2 TON	10	MAR	0.10	0.125	0.100	0.40	0.25
LISTER-PLNT6R	4,36	APR	1.00	0.151	0.115	0.90	1.81
PICKUP 1/2 TON	10	APR	0.10	0.125	0.100	0.40	0.25
ROLLING CULT	4,30	MAY	1.00	0.194	0.147	1.15	1.96
PICKUP 1/2 TON	10	MAY	0.10	0.125	0.100	0.40	0.25
SAND FIGHTER	4,51	JUNE	2.00	0.151	0.115	0.89	1.36
LISTER-PLNT6R	4,36	JUNE	1.40	0.212	0.160	1.25	2.53
PICKUP 1/2 TON	10	JUNE	0.10	0.125	0.100	0.40	0.25
ROLLING CULT	4,30	JULY	1.00	0.194	0.147	1.15	1.96
CULTIVATOR 6R	3,33	JULY	1.00	0.207	0.157	1.56	3.53
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.40	0.25
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.40	0.25
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.40	0.25
PICKUP 1/2 TON	10	OCT	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.40</u>	<u>0.25</u>
TOTALS				2.824	2.192	14.59	23.22

PROJECTIONS FOR PLANNING PURPOSES ONLY
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B-1241(C 6)

ALFALFA ESTABLISHMENT, IRRIGATED, TEXAS ROLLING PLAINS II REGION
ESTIMATED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
TOTAL PROJECTED RETURNS			\$	0.0	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
ALFALFA SEED	25.00	LB.	1.30	32.50	
FERT (N) APPL'D	16.00	LB.	0.26	4.16	
FERT (P) APPL'D	20.00	LB.	0.28	5.60	
IRRIGATION WATER	4.00	ACIN			
FUEL & LUBE--TRACTOR		ACRE		3.23	
EQUIPMENT		ACRE		1.81	
IRRIGATION		ACRE		5.20	
REPAIRS-----TRACTOR		ACRE		0.62	
EQUIPMENT		ACRE		1.59	
IRRIGATION		ACRE		1.32	
LABOR-----MACHINERY	1.37	HOURL	5.00	6.85	
IRRIGATION	0.40	HOURL	5.00	2.00	
OPERATING CAPITAL	14.47	DOL.	0.14	2.03	
SUBTOTAL, PREHARVEST		ACRE	\$	66.90	\$
HARVEST COSTS					
SUBTOTAL, HARVEST		ACRE	\$	0.0	\$
TOTAL VARIABLE COSTS		ACRE	\$	66.90	\$
3. INCOME ABOVE VARIABLE COSTS		ACRE	\$	-66.90	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		6.31	
EQUIPMENT		ACRE		4.19	
IRRIGATION		ACRE		6.20	
LAND (NET SHARE-RENT)		ACRE		18.00	
TOTAL FIXED COSTS		ACRE	\$	34.70	\$
5. TOTAL PROJECTED COSTS		ACRE	\$	101.60	\$
6. NET PROJECTED RETURNS		ACRE	\$	-101.60	\$

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ALFALFA ESTABLISHMENT, IRRIGATED, TEXAS ROLLING PLAINS II REGION
ESTIMATED COSTS AND RETURNS PER ACRE

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL,OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
CHISEL	3,44	JULY	1.00	0.132	0.100	1.14	2.09
PICKUP 1/2 TON	10	JULY	0.10	0.125	0.100	0.40	0.25
TANDEM DISC	4,40	AUG	1.00	0.208	0.158	1.19	2.27
PICKUP 1/2 TON	10	AUG	0.10	0.125	0.100	0.40	0.25
GRAIN DRILL	3,58	SEPT	1.00	0.280	0.212	2.53	4.66
PICKUP 1/2 TON	10	SEPT	0.10	0.125	0.100	0.40	0.25
PICKUP 1/2 TON	10	OCT	0.10	0.125	0.100	0.40	0.25
PICKUP 1/2 TON	10	NOV	0.10	0.125	0.100	0.40	0.25
PICKUP 1/2 TON	10	DEC	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.40</u>	<u>0.25</u>
TOTALS				1.370	1.070	7.25	10.50

ALFALFA, IRRIGATED, TEXAS ROLLING PLAINS II REGION
ESTIMATED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
ALFALFA HAY	6.00	TON	70.00	420.00	_____
TOTAL PROJECTED RETURNS				\$ 420.00	\$ _____
2. VARIABLE COSTS					
PREHARVEST COSTS					
FERT (P) APPL'D	46.00	LB.	0.28	12.88	_____
INSECT. ALFALFA	3.00	APPL	3.00	9.00	_____
MISC EXPENSE	1.00	DOL.	1.00	1.00	_____
IRRIGATION WATER	16.00	ACIN			_____
FUEL & LUBE--TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		2.11	_____
IRRIGATION		ACRE		20.80	_____
REPAIRS-----TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		0.67	_____
IRRIGATION		ACRE		5.28	_____
LABOR-----MACHINERY	0.87	HOURL	5.00	4.37	_____
IRRIGATION	1.60	HOURL	5.00	8.00	_____
OPERATING CAPITAL	16.50	DOL.	0.14	2.31	_____
SUBTOTAL, PREHARVEST		ACRE		\$ 66.42	\$ _____
HARVEST COSTS					
CUST HRV ALFALFA	200.00	BALE	0.65	130.00	_____
SUBTOTAL, HARVEST		ACRE		\$ 130.00	\$ _____
TOTAL VARIABLE COSTS		ACRE		\$ 196.42	\$ _____
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 32.74/TON		
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 223.58	\$ _____
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		0.0	_____
EQUIPMENT		ACRE		1.73	_____
IRRIGATION		ACRE		24.80	_____
PRORATED ESTABLISHMENT	101.60	DOL.	0.17	16.97	_____
LAND (NET SHARE-RENT)		ACRE		88.48	_____
TOTAL FIXED COSTS		ACRE		\$ 131.97	\$ _____
5. TOTAL PROJECTED COSTS		ACRE		\$ 328.40	\$ _____
BREAK-EVEN PRICE, TOTAL COSTS			\$ 54.73/TON		
6. NET PROJECTED RETURNS		ACRE		\$ 91.60	\$ _____

LAND CHARGE IS 33% OF GROSS LESS 33% OF FERT., INSECT., AND HARVEST.
ESTABLISHMENT COSTS PRORATED OVER SIX YEARS.

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