



TEXAS GRAND PRAIRIE

FOREWORD

The enterprise budgets for Texas Grand Prairie Region are based on estimates of yields, production input quantities, and production practices which represent the best judgment of local producers, county Extension agents-agriculture, financial institution representatives, farm machinery dealers and others knowledgeable of the area. Variation in yields, production inputs and production practices should be expected for particular farms.

Budgets for all major crops produced in the area are included for two levels of management, when applicable. Crop yields are directly related to levels of management. These differences are due largely to timing of operational practices which may not be evident in the budgets.

The machinery inventory is applicable to both typical and high level management. In some budgets custom rates, primarily harvesting, were used in lieu of the assumption that harvesting equipment was used.

Budgets for establishing permanent type pasture grasses were prepared and used for prorating establishment costs in the respective pasture and hay budgets. Forage crops include expenses only because it is expected that the income will be derived from livestock enterprises.

Land charges were based on the customary landlord's crop share less his proportionate share of certain production and harvesting inputs. A per acre land charge was made when crop share was not used.

TEXAS AGRICULTURAL EXTENSION SERVICE . THE TEXAS A&M UNIVERSITY SYSTEM
Daniel C. Pfannstiel, Director . College Station, Texas

TEXAS ENTERPRISE BUDGETS
TEXAS GRANDE PRAIRIE REGION
Projected for 1982

Educational programs conducted by the Texas Agricultural Extension Service serve people of all ages regardless of socio-economic level, race, color, sex, religion or national origin.

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COTTON, DRYLAND, TEXAS GRAND PRAIRIE REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
COTTON LINT	275.00	LB.	0.57	156.75	
COTTONSEED	0.22	TON	90.00	20.07	
TOTAL PROJECTED RETURNS				\$ 176.82	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SD COTTON-UPLAND	21.60	LB.	0.37	7.99	
*NITROGEN	32.00	LB.	0.27	8.64	
*PHOSPHATE	40.00	LB.	0.24	9.60	
FERTILIZER APPLI	1.00	ACRE	2.40	2.40	
*HERBICIDE	1.00	ACRE	11.50	11.50	
*INSECTICIDE	3.00	APPL	2.60	7.80	
FUEL & LUBE--TRACTOR		ACRE		13.28	
EQUIPMENT		ACRE		1.23	
REPAIRS-----TRACTOR		ACRE		2.42	
EQUIPMENT		ACRE		1.97	
LABOR-----MACHINERY	2.67	HOOR	4.50	12.02	
EQUIPMENT	0.49	HOOR	4.50	2.20	
OPERATING CAPITAL	30.75	DOL.	0.081	2.49	
SUBTOTAL, PREHARVEST		ACRE		\$ 83.56	\$
HARVEST COSTS					
*DESICCANT	1.00	GAL.	7.00	7.00	
GIN, BAG, TIES	11.00	CWT.	2.30	25.30	
HAUL, COMP, EDUC.	0.57	BALE	3.50	1.99	
FUEL & LUBE--TRACTOR		ACRE		5.04	
REPAIRS-----TRACTOR		ACRE		0.63	
EQUIPMENT		ACRE		1.62	
LABOR-----MACHINERY	1.29	HOOR	4.50	5.80	
EQUIPMENT	0.01	HOOR	4.50	0.05	
SUBTOTAL, HARVEST		ACRE		\$ 47.43	\$
TOTAL VARIABLE COSTS		ACRE		\$ 130.99	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 0.40/LB.		COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 45.83	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		24.63	
EQUIPMENT		ACRE		28.13	
LAND-CASH RENT	1.00	ACRE	25.00	25.00	
TOTAL FIXED COSTS		ACRE		\$ 77.77	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 208.76	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 0.69/LB.		COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ -31.94	\$

LAND CHARGES BASED ON RENTAL RATES IN THE REGION.

INFORMATION PRESENTED IS PREPARED SOLELY AS A GENERAL GUIDE AND IS NOT INTENDED TO RECOGNIZE OR PREDICT THE COSTS AND RETURNS FROM ANY ONE PARTICULAR FARM OR RANCH OPERATION. THESE PROJECTIONS WERE COLLECTED AND DEVELOPED BY STAFF MEMBERS OF THE TEXAS AGRICULTURAL EXTENSION SERVICE AND APPROVED FOR PUBLICATION.

PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/18/82.

B-1241 (C14)

COTTON, DRYLAND, TEXAS GRAND PRAIRIE REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
LISTER/BEDDER	3,42	NOV	1.00	0.233	0.176	1.72	1.05	0.0	2.06	4.82
DISK-TANDEM	3,34	APR	1.00	0.224	0.170	1.65	1.01	0.0	2.06	4.73
PLANTER, 4 ROW	3,44	APR	1.20	0.372	0.282	3.08	1.68	7.99	4.60	17.35
SPRAYER HERBICID	40	APR	1.20	0.0	0.293	0.10	0.0	11.50	1.50	13.09
ROLLER, 4-ROW	5,54	APR	1.00	0.175	0.132	0.48	0.79	0.0	0.84	2.10
DISK-TANDEM	3,34	MAY	1.00	0.224	0.170	1.65	1.01	0.0	2.06	4.73
SPRAYER	5,50	MAY	1.00	0.175	0.132	0.58	0.79	2.60	2.17	6.14
DISK-TANDEM	3,34	JUNE	1.00	0.224	0.170	1.65	1.01	0.0	2.06	4.73
SPRAYER	5,50	JUNE	2.00	0.349	0.264	1.16	1.57	5.20	4.34	12.27
CHISEL	3,30	OCT	1.00	0.238	0.180	1.91	1.07	0.0	1.90	4.88
DISK-TANDEM	3,34	OCT	1.00	0.224	0.170	1.65	1.01	0.0	2.06	4.73
LISTER/BEDDER	3,42	OCT	1.00	0.233	0.176	1.72	1.05	0.0	2.06	4.82
SPRAYER HERBICID	5,40	OCT	1.00	0.322	0.244	0.95	1.45	7.00	2.67	12.07
STRIPPER	4,52	OCT	1.00	0.967	0.733	6.32	4.35	0.0	18.77	29.45
SHREDDER, 4 ROW	46	OCT	1.00	0.0	0.214	0.16	0.0	0.0	0.70	0.86
TOTALS				3.961	3.508	24.80	17.82	34.29	49.85	126.77

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

		PRICE OF COTTON LINT (DOLLARS)				
		0.46	0.51	0.57	0.63	0.68
QUANTITY OF COTTON LINT	LB.					
	220.00	-7.76	4.78	17.32	29.86	42.40
	247.50	3.36	17.47	31.58	45.68	59.79
	275.00	14.48	30.15	45.83	61.50	77.18
	302.50	25.60	42.84	60.08	77.32	94.57
	330.00	36.71	55.52	74.33	93.14	111.95

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE
VIA CROP ABANDONMENT, GRAZE-OUT, OR OTHER MANAGEMENT
STRATEGIES.

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B-1241 (C14)

GRAIN SORGHUM, DRYLAND, TEXAS GRAND PRAIRIE REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
GRAIN SORGHUM	25.00	CWT.	4.55	113.75	
TOTAL PROJECTED RETURNS				\$ 113.75	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*GRAIN SORG. SEED	6.00	LB.	0.40	2.40	
*NITROGEN	60.00	LB.	0.27	16.20	
*PHOSPHATE	40.00	LB.	0.24	9.60	
FERTILIZER APPLI	1.00	ACRE	2.40	2.40	
FUEL & LUBE--TRACTOR		ACRE		12.94	
EQUIPMENT		ACRE		1.59	
REPAIRS-----TRACTOR		ACRE		2.33	
EQUIPMENT		ACRE		1.50	
LABOR-----MACHINERY	2.37	HOURL	4.50	10.66	
EQUIPMENT	0.63	HOURL	4.50	2.83	
OPERATING CAPITAL	24.97	DOL.	0.081	2.02	
SUBTOTAL, PREHARVEST		ACRE		\$ 64.47	\$
HARVEST COSTS					
CUST HARV SORG D	25.00	CWT.	0.45	11.25	
HAUL GRAIN SORG	25.00	CWT.	0.20	5.00	
SUBTOTAL, HARVEST		ACRE		\$ 16.25	\$
TOTAL VARIABLE COSTS		ACRE		\$ 80.72	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 3.23/CWT.	GRAIN SORGHUM	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 33.03	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		15.50	
EQUIPMENT		ACRE		7.40	
LAND-CASH RENT	1.00	ACRE	25.00	25.00	
TOTAL FIXED COSTS		ACRE		\$ 47.90	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 128.62	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 5.14/CWT.	GRAIN SORGHUM	
6. NET PROJECTED RETURNS		ACRE		\$ -14.87	\$

LAND CHARGES BASED ON RENTAL RATES IN THE REGION.

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GRAIN SORGHUM, DRYLAND, TEXAS GRAND PRAIRIE REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

MACHINERY OPERATION	ITEM NO.	OPER MONTH	TIMES OVER	LABOR HOURS	MACHINE HOURS	MACH OPER COSTS	LABOR COSTS	APPL. INPUT COSTS	MACH FIXED COSTS	TOTAL OPER. COST
CHISEL	3,30	SEPT	1.00	0.238	0.180	1.91	1.07	0.0	1.90	4.86
DISK-TANDEM	3,34	SEPT	1.00	0.224	0.170	1.65	1.01	0.0	2.06	4.73
LISTER/BEDDER	3,42	SEPT	1.00	0.233	0.176	1.72	1.05	0.0	2.06	4.82
LISTER/BEDDER	3,42	DEC	1.00	0.233	0.176	1.72	1.05	0.0	2.06	4.82
DISK-TANDEM	3,34	MAR	1.00	0.224	0.170	1.65	1.01	0.0	2.06	4.73
PLANTER, 4 ROW	3,44	MAR	1.00	0.310	0.235	2.57	1.40	2.40	3.84	10.20
ROLLER, 4-ROW	5,54	MAR	1.00	0.175	0.132	0.48	0.79	0.0	0.84	2.10
DISK-TANDEM	3,34	APR	1.00	0.224	0.170	1.65	1.01	0.0	2.06	4.73
SHREDDER, 4 ROW	4,46	AUG	1.00	0.283	0.214	1.57	1.27	0.0	2.75	5.60
DISK-TANDEM	3,34	AUG	1.00	0.224	0.170	1.65	1.01	0.0	2.06	4.73
TOTALS				2.368	1.794	16.59	10.66	2.40	21.70	51.34

RESIDUAL RETURNS AT ALTERNATIVE YIELDS AND PRICES
ADJUSTED FOR YIELD-RELATED COSTS AND CHANGES IN SHARE-RENT

INCCME ABOVE VARIABLE COSTS LESS SHARE-RENT

		PRICE OF GRAIN SORGHUM (DOLLARS)				
		3.64	4.09	4.55	5.00	5.46
QUANTITY OF GRAIN SORGHUM	CWT.					
	20.00	-4.67	4.43	13.53	22.63	31.73
	22.50	2.80	13.04	23.28	33.52	43.75
	25.00	10.28	21.65	33.03	44.40	55.78
	27.50	17.75	30.27	42.78	55.29	67.80
	30.00	25.23	38.88	52.53	66.18	79.83

NOTE: NEGATIVE RETURNS OVER VARIABLE COSTS MAY BE AVOIDABLE
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STRATEGIES.

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B-1241 (C14)

WHEAT, DRYLAND, TEXAS GRAND PRAIRIE REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
WHEAT	25.00	BU.	3.80	95.00	
WHEAT PASTURE	2.00	AUM	6.00	12.00	
TOTAL PROJECTED RETURNS				\$ 107.00	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*WINTER WHEAT SD.	75.00	LB.	0.15	11.25	
*NITROGEN	80.00	LB.	0.27	21.60	
*PHOSPHATE	40.00	LB.	0.24	9.60	
FERTILIZER APPLI	2.00	ACRE	2.40	4.80	
*INSECTICIDE	1.00	APPL	2.60	2.60	
FUEL & LUBE--TRACTOR		ACRE		3.92	
EQUIPMENT		ACRE		1.06	
REPAIRS-----TRACTOR		ACRE		0.48	
EQUIPMENT		ACRE		0.82	
LABOR-----MACHINERY	0.97	HOUR	4.50	4.35	
EQUIPMENT	0.42	HOUR	4.50	1.89	
OPERATING CAPITAL	20.74	DOL.	0.081	1.68	
SUBTOTAL, PREHARVEST		ACRE		\$ 64.05	\$
HARVEST COSTS					
CUST HARV WHEAT	25.00	BU.	0.30	7.50	
HAUL WHEAT	25.00	BU.	0.10	2.50	
SUBTOTAL, HARVEST		ACRE		\$ 10.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 74.05	\$
BREAK-EVEN PRICE, VARIABLE COSTS \$ 2.48/BU. WHEAT					
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 32.95	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		6.53	
EQUIPMENT		ACRE		5.97	
LAND-CASH RENT	1.00	ACRE	25.00	25.00	
TOTAL FIXED COSTS		ACRE		\$ 37.50	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 111.55	\$
BREAK-EVEN PRICE, TOTAL COSTS \$ 3.98/BU. WHEAT					
6. NET PROJECTED RETURNS		ACRE		\$ -4.55	\$

LAND CHARGES BASED ON RENTAL RATES IN THE REGION.

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