



TEXAS DEEP EAST

FOREWORD

The enterprise budgets for Texas Deep East 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 owned.

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

DEEP EAST TEXAS 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.

Cooperative Extension Work in Agriculture and Home Economics, The Texas A&M University System and the United States Department of Agriculture cooperating. Distributed in furtherance of the Acts of Congress of May 8, 1914, as amended, and June 30, 1914.

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PROJECTIONS FOR PLANNING PURPOSES ONLY
NOT TO BE USED WITHOUT UPDATING AFTER 02/17/82.

B-1241 (C20)

CORN, DRYLAND, DEEP EAST TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED		YOUR ESTIMATE
			\$/UNIT	VALUE	
1. GROSS RECEIPTS					
CORN	70.00	BU.	2.70	189.00	
TOTAL PROJECTED RETURNS				\$ 189.00	\$
2. VARIABLE COSTS					
INPUT USE					
PREHARVEST COSTS					
*SEED CORN/GRAIN	0.25	BAGS	67.90	16.97	
*NITROGEN	120.00	LB.	0.29	34.80	
*PHOSPHORUS	60.00	LB.	0.27	16.20	
*POTASSIUM	60.00	LB.	0.15	9.00	
*HERB PREMERGE	1.00	LB.	2.45	2.45	
LIME	0.50	TON	25.00	12.50	
FUEL & LUBE--TRACTOR		ACRE		12.40	
EQUIPMENT		ACRE		1.52	
REPAIRS-----TRACTOR		ACRE		2.42	
EQUIPMENT		ACRE		1.56	
LABOR-----MACHINERY	2.18	HOUR	4.50	9.80	
EQUIPMENT	0.63	HOUR	4.50	2.83	
OPERATING CAPITAL	60.33	DOL.	0.180	10.86	
SUBTOTAL, PREHARVEST		ACRE		\$ 133.33	\$
HARVEST COSTS					
CUSTOM COMBINING	70.00	BU.	0.35	24.50	
CUSTOM HAUL	70.00	BU.	0.15	10.50	
SUBTOTAL, HARVEST		ACRE		\$ 35.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 168.33	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 2.40/BU.	CORN		
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 20.67	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		21.93	
EQUIPMENT		ACRE		17.42	
LAND-CASH RENT	1.00	ACRE	15.00	15.00	
TOTAL FIXED COSTS		ACRE		\$ 54.35	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 222.68	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 3.18/BU.	CORN		
6. NET PROJECTED RETURNS		ACRE		\$ -33.68	\$

GOVERNMENT PAYMENTS NOT INCLUDED.

PREPARED BY WAYNE D. TAYLOR, TAEX, OVERTON, TEXAS.

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.

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B-1241 (C20)

CORN, DRYLAND, DEEP EAST TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

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
OFFSET DISC	3,34	NOV	1.00	0.260	0.197	1.94	1.17	0.0	4.92	8.03
TANDEM DISC	3,38	NOV	1.00	0.243	0.184	1.80	1.09	0.0	4.50	7.40
TANDEM DISC	3,38	FEB	1.00	0.243	0.184	1.80	1.09	0.0	4.50	7.40
RENT FERT APPLI.	3,86	MAR	1.00	0.135	0.103	0.92	0.61	42.60	1.36	45.50
TANDEM DISC	3,38	MAR	1.00	0.243	0.184	1.80	1.09	0.0	4.50	7.40
PLANTER	3,48	MAR	1.10	0.334	0.253	2.64	1.50	16.97	5.66	26.78
SPRAYER, HERB	62	MAR	1.10	0.0	0.262	0.09	0.0	2.45	1.98	4.52
ROLLING CULT.	3,58	APR	1.00	0.292	0.222	2.15	1.32	0.0	4.44	7.90
RENT FERT APPLI.	3,86	MAY	1.00	0.135	0.103	0.92	0.61	17.40	1.36	20.30
ROLLING CULT.	3,58	MAY	1.00	0.292	0.222	2.15	1.32	0.0	4.44	7.90
TOTALS				2.179	1.913	16.21	9.80	79.42	37.69	143.12

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 CORN (DOLLARS)				
		2.16	2.43	2.70	2.97	3.24
QUANTITY OF CORN	BU.					
	56.00	-40.37	-25.25	-10.13	4.99	20.11
	63.00	-28.75	-11.74	5.27	22.28	39.29
	70.00	-17.13	1.77	20.67	39.57	58.47
	77.00	-5.51	15.28	36.07	56.86	77.65
	84.00	6.11	28.79	51.47	74.15	96.83

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

CORN, DRYLAND, DEEP EAST TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

CATEGORY	PROJECTED		PROJECTED		YOUR ESTIMATE
	YIELD	UNIT	\$/UNIT	VALUE	
1. GROSS RECEIPTS					
CORN	90.00	BU.	2.70	243.00	
TOTAL PROJECTED RETURNS				\$ 243.00	\$
2. VARIABLE COSTS	INPUT USE				
PREHARVEST COSTS					
*SEED CORN/GRAIN	0.25	BAGS	67.90	16.97	
*NITROGEN	160.00	LB.	0.29	46.40	
*PHOSPHORUS	80.00	LB.	0.27	21.60	
*POTASSIUM	80.00	LB.	0.15	12.00	
*HERB PREMERGE	1.00	LB.	2.45	2.45	
LIME	1.00	TON	25.00	25.00	
FUEL & LUBE--TRACTOR		ACRE		12.40	
REPAIRS-----TRACTOR		ACRE		2.42	
EQUIPMENT		ACRE		1.38	
LABOR-----MACHINERY	2.18	HOURL	4.50	9.80	
OPERATING CAPITAL	78.26	DOL.	0.180	14.09	
SUBTOTAL, PREHARVEST		ACRE		\$ 164.52	\$
HARVEST COSTS					
CUSTOM COMBINING	90.00	BU.	0.35	31.50	
CUSTOM HAUL	90.00	BU.	0.15	13.50	
SUBTOTAL, HARVEST		ACRE		\$ 45.00	\$
TOTAL VARIABLE COSTS		ACRE		\$ 209.52	\$
BREAK-EVEN PRICE, VARIABLE COSTS \$ 2.33/BU. CORN					
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 33.48	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		21.93	
EQUIPMENT		ACRE		15.76	
LAND-CASH RENT	1.00	ACRE	15.00	15.00	
TOTAL FIXED COSTS		ACRE		\$ 52.69	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 262.21	\$
BREAK-EVEN PRICE, TOTAL COSTS \$ 2.91/BU. CORN					
6. NET PROJECTED RETURNS		ACRE		\$ -19.21	\$

GOVERNMENT PAYMENTS NOT INCLUDED.

PREPARED BY WAYNE D. TAYLOR, TAEX, OVERTON, TEXAS.

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B-1241 (C20)

CORN, DRYLAND, DEEP EAST TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
HIGH LEVEL MANAGEMENT

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
OFFSET DISC	3,34	NOV	1.00	0.260	0.197	1.94	1.17	0.0	4.92	8.03
TANDEM DISC	3,38	NOV	1.00	0.243	0.184	1.80	1.09	0.0	4.50	7.40
TANDEM DISC	3,38	FEB	1.00	0.243	0.184	1.80	1.09	0.0	4.50	7.40
TANDEM DISC	3,38	MAR	1.00	0.243	0.184	1.80	1.09	0.0	4.50	7.40
RENT FERT APPLI.	3,86	MAR	1.00	0.135	0.103	0.92	0.61	56.80	1.36	59.70
PLANTER	3,48	MAR	1.10	0.334	0.253	2.64	1.50	16.97	5.66	26.78
SPRAYER, HERB	62	MAR	1.10	0.0	0.262	0.09	0.0	2.45	1.98	4.52
ROLLING CULT.	3,58	APR	1.00	0.292	0.222	2.15	1.32	0.0	4.44	7.90
RENT FERT APPLI.	3,86	MAY	1.00	0.135	0.103	0.92	0.61	23.20	1.36	26.10
ROLLING CULT.	3,58	MAY	1.00	0.292	0.222	2.15	1.32	0.0	4.44	7.90
TOTALS				2.179	1.913	16.21	9.80	99.42	37.69	163.12

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

INCOME ABOVE VARIABLE COSTS LESS SHARE-RENT

QUANTITY OF CORN	PRICE OF CORN (DOLLARS)				
	2.16	2.43	2.70	2.97	3.24
BU.					
72.00	-45.00	-25.56	-6.12	13.32	32.76
81.00	-30.06	-8.19	13.68	35.55	57.42
90.00	-15.12	9.18	33.48	57.78	82.08
99.00	-0.18	26.55	53.28	80.01	106.74
108.00	14.76	43.92	73.08	102.24	131.40

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

COTTON, DRYLAND, DEEP EAST TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
COTTON LINT	260.00	LB.	0.57	148.20	
COTTONSEED	0.21	TON	100.00	21.00	
TOTAL PROJECTED RETURNS				\$ 169.20	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*SD COTTON-UPLAND	24.00	LB.	0.35	8.40	
*NITROGEN	50.00	LB.	0.29	14.50	
*PHOSPHORUS	30.00	LB.	0.27	8.10	
*POTASSIUM	20.00	LB.	0.15	3.00	
*HERB PMERGE EAR	1.50	PINT	4.94	7.41	
*HERB PMERGE LATE	0.87	LB.	7.96	6.93	
*HERB POST EMERGE	0.16	PINT	9.59	1.53	
*INSECT EARLY	2.00	PINT	2.33	4.66	
INSET APPL EAR	2.00	APPL	3.50	7.00	
*INSEC MID SEAS	0.03	GAL.	19.80	0.62	
INST APP MD SEAS	1.00	APPL	3.00	3.00	
*BACTERIACIDE	2.00	LB.	9.71	19.42	
BACT. APPL.	2.00	APPL	3.50	7.00	
FUEL & LUBE---TRACTOR		ACRE		14.00	
EQUIPMENT		ACRE		1.69	
REPAIRS-----TRACTOR		ACRE		2.61	
EQUIPMENT		ACRE		1.85	
LABOR-----MACHINERY	2.56	ACRE	4.50	11.51	
EQUIPMENT	0.70	ACRE	4.50	3.15	
OPERATING CAPITAL	44.44	DOL.	0.180	8.00	
SUBTOTAL, PREHARVEST		ACRE		\$ 134.38	\$
HARVEST COSTS					
DESICCANT	1.00	APPL	12.87	12.87	
DEFOLIANT	1.00	APPL	4.16	4.16	
CUST CTTN STRIP	260.00	LB.	0.09	23.40	
GIN, BAG, TIES	0.52	BALE	45.00	23.40	
FUEL & LUBE---TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		0.51	
REPAIRS-----TRACTOR		ACRE		0.0	
EQUIPMENT		ACRE		0.06	
LABOR-----MACHINERY	0.0	ACRE	4.50	0.0	
EQUIPMENT	0.21	ACRE	4.50	0.94	
SUBTOTAL, HARVEST		ACRE		\$ 65.34	\$
TOTAL VARIABLE COSTS		ACRE		\$ 199.73	\$
BREAK-EVEN PRICE, VARIABLE COSTS		\$ 0.69/LB.		COTTON LINT	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ -30.53	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		26.15	
EQUIPMENT		ACRE		25.12	
LAND---NET SHARE-RENT		ACRE		19.63	
TOTAL FIXED COSTS		ACRE		\$ 70.89	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 270.61	\$
BREAK-EVEN PRICE, TOTAL COSTS		\$ 0.96/LB.		COTTON LINT	
6. NET PROJECTED RETURNS		ACRE		\$ -101.41	\$

LAND CHARGE BASED ON LANDLORD'S SHARE OF 1/4 OF GROSS LESS 1/4 OF FERTILIZER, INSECTICIDE, AND GINNING. GOVERNMENT PAYMENTS NOT INCLUDED. PREPARED BY WAYNE D. TAYLOR, TAEX, OVERTON, TEXAS.

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B-1241 (C20)

COTTON, DRYLAND, DEEP EAST TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

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
SHREDDER (4R)	4,32	OCT	1.00	0.245	0.186	1.30	1.10	0.0	8.91	11.31
OFFSET DISC	3,34	NOV	1.00	0.260	0.197	1.94	1.17	0.0	4.92	8.03
LISTER-BEDDER	3,60	NOV	1.00	0.227	0.172	1.66	1.02	0.0	3.28	5.96
RENT FERT APPLI.	3,86	FEB	1.00	0.135	0.103	0.92	0.61	25.60	1.36	28.50
ROLLING CULT.	3,58	FEB	1.00	0.292	0.222	2.15	1.32	0.0	4.44	7.90
SPRAYER, HERB	62	FEB	1.00	0.0	0.239	0.08	0.0	7.41	1.80	9.29
ROW DISC	4,42	MAR	1.00	0.157	0.119	0.80	0.71	0.0	2.40	3.90
PLANTER	3,48	APR	1.20	0.364	0.276	2.88	1.64	8.40	6.18	19.09
SPRAYER, HERB	62	APR	0.25	0.0	0.060	0.02	0.0	6.93	0.45	7.39
ROLLING CULT.	3,58	JUNE	3.00	0.877	0.665	6.44	3.95	0.0	13.32	23.71
SPRAYER, HERB	62	JUNE	1.00	0.0	0.239	0.08	0.0	1.53	1.80	3.41
TOTALS				2.559	2.475	18.26	11.51	49.87	48.86	128.51

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.					
	208.00	-81.72	-72.83	-63.94	-55.04	-46.15
	234.00	-77.05	-67.05	-57.04	-47.04	-37.04
	260.00	-72.38	-61.27	-50.15	-39.04	-27.92
	286.00	-67.71	-55.49	-43.26	-31.03	-18.81
	312.00	-63.04	-49.71	-36.37	-23.03	-9.69

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

GRAIN SORGHUM, DRYLAND, DEEP EAST TEXAS REGION
1982 PROJECTED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

CATEGORY	PROJECTED YIELD	UNIT	PROJECTED \$/UNIT	PROJECTED VALUE	YOUR ESTIMATE
1. GROSS RECEIPTS					
GRAIN SORGHUM	26.00	CWT.	4.75	123.50	
TOTAL PROJECTED RETURNS				\$ 123.50	\$
2. VARIABLE COSTS					
PREHARVEST COSTS					
*GRAIN SORG. SEED	8.00	LB.	0.62	4.96	
*NITROGEN	80.00	LB.	0.29	23.20	
*PHOSPHORUS	40.00	LB.	0.27	10.80	
*POTASSIUM	40.00	LB.	0.15	6.00	
*PRE-EMERGE HERB	0.75	ACRE	4.94	3.70	
*POST-EMERGE HERB	0.25	ACRE	3.00	0.75	
*INSECTICIDE	0.25	ACRE	2.88	0.72	
INSECT APPL	0.25	ACRE	3.50	0.88	
FUEL & LUBE--TRACTOR		ACRE		9.52	
EQUIPMENT		ACRE		1.52	
REPAIRS-----TRACTOR		ACRE		1.79	
EQUIPMENT		ACRE		1.40	
LABOR-----MACHINERY	1.73	ACRE	4.50	7.80	
EQUIPMENT	0.63	ACRE	4.50	2.83	
OPERATING CAPITAL	21.42	DOL.	0.180	3.85	
SUBTOTAL, PREHARVEST		ACRE		\$ 79.72	\$
HARVEST COSTS					
CUSTOM COMBINE	1.00	ACRE	18.00	18.00	
CUSTOM HAUL	26.00	CWT.	0.25	6.50	
SUBTOTAL, HARVEST		ACRE		\$ 24.50	\$
TOTAL VARIABLE COSTS		ACRE		\$ 104.22	\$
BREAK-EVEN PRICE, VARIABLE COSTS			\$ 4.01/CWT.	GRAIN SORGHUM	
3. INCOME ABOVE VARIABLE COSTS		ACRE		\$ 19.28	\$
4. FIXED COSTS					
DEPREC., INTEREST, TAXES & INSUR.					
TRACTOR		ACRE		17.68	
EQUIPMENT		ACRE		19.12	
LAND---NET SHARE-RENT		ACRE		23.10	
TOTAL FIXED COSTS		ACRE		\$ 59.90	\$
5. TOTAL PROJECTED COSTS		ACRE		\$ 164.12	\$
BREAK-EVEN PRICE, TOTAL COSTS			\$ 6.31/CWT.	GRAIN SORGHUM	
6. NET PROJECTED RETURNS		ACRE		\$ -40.62	\$

LAND CHARGE BASED ON LANDLORD'S SHARE OF 30% OF GROSS LESS 30% OF FERTILIZER AND HAULING. GOVERNMENT PAYMENTS NOT INCLUDED.
PREPARED BY WAYNE D. TAYLOR, TAEX, OVERTON, TEXAS.

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