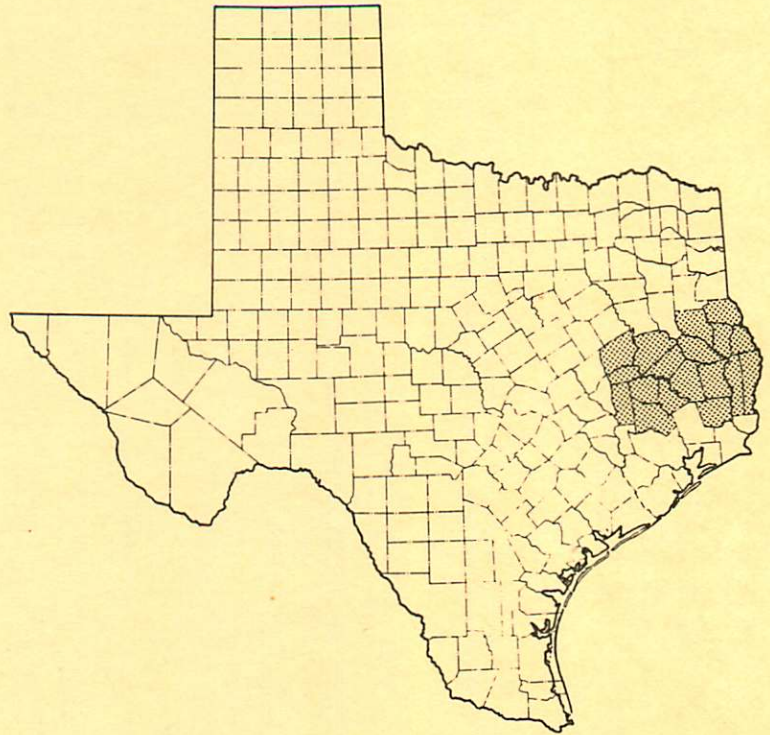




TEXAS DEEP EAST

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.

DEEP EAST TEXAS REGION

Assumed Prices Paid and Received by Farmers 1/

Item	Unit	Price
<u>Price paid (1976)</u>		
Seed		
Peanuts	lb.	\$.45
Cotton	lb.	.10
Corn	cwt.	52.00
Grain sorghum	cwt.	41.00
Soybeans	cwt.	14.00
Crimson clover	cwt.	98.00
Yuchi arrowleaf clover	cwt.	185.00
La S-1 clover	cwt.	175.00
Vetch	cwt.	40.00
Peas	cwt.	36.00
Gulf ryegrass	cwt.	18.00
Oats	cwt.	12.00
Wheat	cwt.	13.00
Elbon rye	cwt.	14.00
Watermelon	lb.	7.00
Coastal sprigs	bu.	.40
Fertilizer		
Nitrogen	lb.	.21
Phosphorous	lb.	.20
Potash	lb.	.08
12-12-12	ton	115.00
16-6-12	ton	116.00
10-20-20	ton	140.00
6-24-24	ton	140.00
Lime	ton	12.50
Labor		
Irrigation	hour	2.50
Tractor	hour	2.50
Custom rates		
Cut, rake & bale	bale	.45
Round baling	roll	11.00
Stacking (medium stack)	stack	35.00

Item	Unit	Price
Hay hauling	bale	\$.20
Corn harvesting	bu.	.35
Corn hauling	bu.	.12
Combining grain sorghum	acre	12.00
Hauling grain sorghum	cwt.	.20
Coastal sprigging	acre	20.00
Fuel		
Diesel	gal.	.43
Gasoline	gal.	.51
Herbicides		
Treflan	5 gal.	140.00
Karmex	lb.	3.25
Atrazine	lb.	4.95
Miloguard	5 lb.	12.25
Caparol	gal.	2.95
Cotaran	gal.	4.25
DSMA	gal.	7.75
Balan	5 gal.	45.00
Vernam	gal.	27.00
2,4-D-B	gal.	22.00
2,4-D	gal.	9.00
Banvel D	gal.	45.00
Simazine	5 lb.	22.25
Insecticides		
Methyl parathion	gal.	7.00
Bidrin	qt.	10.00
Galecron	gal.	36.30
Toxaphene	gal.	5.00
Azrocin	gal.	24.00
Sevin - 10% wettable powder	cwt.	25.00
Disyston	25 lb.	22.20
Dasanit	lb.	.56
Dyfonate	lb.	.56
Fungicides		
Beulate	2 lb.	16.60
Maneb	3 lb.	4.25
Bravo	5 gal.	125.00

Prices received (1976)

Coastal hay	ton	48.00
Corn	bu.	3.00
Cotton lint	lb.	.50

Item	Unit	Price
Cotton seed	ton	\$100.00
Grain sorghum	cwt.	4.75
Oats	bu.	1.50
Soybeans	bu.	5.00
Wheat	bu.	3.50
Watermelons	cwt.	2.50

1/ These price assumptions are not to be interpreted as predictions or prospective prices.

DEEP EAST TEXAS REGION

Estimated Machinery and Equipment Cost Per Hour of Use

Machinery Item and Size	Purchase Price	Estimated Years of Use	Estimated Hours of Use	Fixed Costs Per Hour	Variable Costs Per Hour
Tractor - 100 HP	\$12,750	7	5250	\$2.92	\$4.41
Tractor - 80 HP	10,200	7	4200	2.39	3.16
Tractor - 45 HP	6,200	10	4500	2.05	2.23
Tractor - 25 HP	3,460	15	4500	1.47	1.64
Pickup - 1/2 ton	5,100	2.5	2500	1.58	3.35
Truck - 2 ton	8,480	10	2000	6.61	5.96
Shredder 2R - 6.7 feet	800	8	800	1.38	.49
Shredder 4R - 13.3 feet	2,600	8	1000	3.60	1.26
Offset disc - 10 feet	3,200	8	1200	3.67	1.16
Tandem disc - 8 feet	860	8	1200	.98	.31
Tandem disc - 14 feet	4,750	8	1200	5.44	1.72
Row disc - 20 feet	1,800	8	1200	2.07	.65
MB Plow 3B - 4 feet	975	8	1400	.96	1.04
Planter - 13.3 feet	1,350	8	480	3.87	1.58
Planter, peanut - 13.3 feet	1,800	6	480	4.43	2.10
Planter watermelon - 15 feet	175	10	400	.68	.25
Grain drill - 10 feet	1,150	10	1000	1.78	.50
Grain drill - 12 feet	1,450	10	1000	2.24	.63
Tool bar cult. - 13.3 feet	900	8	1200	1.03	.50
Rolling cult. - 13.3 feet	1,450	8	1200	1.66	.81
Lister bedder - 13.3 feet	1,120	8	1400	1.10	.45

Machinery Item and Size	Purchase Price	Estimated Years of Use	Estimated Hours of Use	Fixed Costs Per Hour	Variable Costs Per Hour
Sprayer, herb - 13.3 feet	\$ 400	8	800	\$.69	\$.22
Sprayer, herb. - 20 feet	475	8	800	.82	.26
Sprayer, peanuts - 20 feet	560	8	800	.96	.30
DI 6 Invert, peanut - 6 feet	1,700	10	1000	2.63	11.37
Combine peanut - 6.7 feet	5,000	8	1200	5.70	2.33
Cotton stripper - 6.7 feet	7,200	8	1000	9.89	2.52
Trailers - 30 feet	800	10	1000	.55	.35
Middle buster - 12 feet	400	10	1000	.62	.22
Subsoiler - 24 feet	2,300	10	800	4.45	1.61
Plant cult. 1R - 12 feet	1,350	8	800	2.32	.95
Roll cult. 1R - 12 feet	250	6	1800	.16	.08
Mist blow spray - 30 feet	2,400	5	1000	2.59	1.04
Springtooth digs - 12 feet	795	6	1800	.52	.25
Broadcast seeder - 20 feet	400	8	1600	.34	.14
Sprayer, pasture - 30 feet	620	10	500	1.92	.39
Regular baler - 11.5 feet	3,950	10	510	11.98	3.34

BAHIAGRASS PASTURE, DRYLAND, DEEP EAST TEXAS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$ _____
TOTAL				\$ 0.0
2. VARIABLE COSTS				\$
PREHARVEST				
FERT(86-36-36)	ACRE	28.14	1.00	28.14
LIME	TON	12.50	0.25	3.13
MACHINERY	ACRE	0.75	1.00	0.75
TRACTORS	ACRE	0.42	1.00	0.42
LABOR(TRACTOR & MACHINERY)	HR	2.50	0.49	1.22
INTEREST ON OP. CAP.	DOL.	0.10	9.66	0.97
SUBTOTAL, PRE-HARVEST				\$ 34.62
HARVEST COSTS				\$ _____
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 34.62
3. INCOME ABOVE VARIABLE COSTS				\$ -34.62
4. FIXED COSTS				\$
MACHINERY	ACRE	0.53	1.00	0.53
TRACTORS	ACRE	0.39	1.00	0.39
LAND (NET RENT)	ACRE	7.00	1.00	7.00
TOTAL FIXED COSTS				\$ 7.93
5. TOTAL COSTS				\$ 42.54
6. NET RETURNS				\$ -42.54

PROJECTED, 1976

BAHIAGRASS PASTURE, DRYLAND, DEEP EAST TEXAS 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
PICKUP	10	APR	0.10	0.125	0.100	0.33	0.16
SHREDDER (2R)	5,30	JULY	0.50	0.238	0.158	0.50	0.61
PICKUP	10	JULY	0.10	0.125	0.100	0.33	0.16
TOTALS				0.488	0.358	1.17	0.93

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 8670200022000 0
ANNUAL CAPITAL MONTH 9

BAHIA GRASS PASTURE, DRYLAND, DEEP EAST 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				\$
TOTAL				\$ 0.0
2. VARIABLE COSTS				\$
PREHARVEST				
FERT(100-50-50)	ACRE	35.00	1.00	35.00
LIME	TON	12.50	0.30	3.75
HERBICIDE	ACRE	2.25	0.30	0.67
MACHINERY	ACRE	0.76	1.00	0.76
TRACTORS	ACRE	0.51	1.00	0.51
LABOR(TRACTOR & MACHINERY)	HOURL	2.50	0.54	1.35
INTEREST ON OP. CAP.	DOL.	0.10	13.56	1.36
SUBTOTAL, PRE-HARVEST				\$ 43.40
HARVEST COSTS				\$
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 43.40
3. INCOME ABOVE VARIABLE COSTS				\$ -43.40
4. FIXED COSTS				\$
MACHINERY	ACRE	0.60	1.00	0.60
TRACTORS	ACRE	0.48	1.00	0.48
LAND (NET RENT)	ACRE	7.00	1.00	7.00
TOTAL FIXED COSTS				\$ 8.08
5. TOTAL COSTS				\$ 51.48
6. NET RETURNS				\$ -51.48

PROJECTED, 1976

BAHIAGRASS PASTURE, DRYLAND, DEEP EAST TEXAS 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
SPRAYER, PASTURE	5,90	JUNE	0.30	0.052	0.034	0.11	0.15
PICKUP	10	JUNE	0.10	0.125	0.100	0.33	0.16
SHREDDER(2R)	5,30	JULY	0.50	0.238	0.158	0.50	0.61
PICKUP	10	JULY	0.10	0.125	0.100	0.33	0.16
TOTALS				0.539	0.393	1.27	1.08

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 8670200012000 0
ANNUAL CAPITAL MONTH 9

COASTAL BERMUDAGRASS ESTABLISHMENT, DRYLAND, DEEP EAST TEXAS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
HAY	TON	48.00	2.50	<u>120.00</u>
TOTAL				\$ 120.00
2. VARIABLE COSTS				\$
PREHARVEST				
FERT(110-60-60)	ACRE	39.90	1.00	39.90
LIME	TON	12.50	1.00	12.50
CUSTOM SPRIGGING	ACRE	20.00	1.00	20.00
HERBICIDE	ACRE	2.25	1.00	2.25
MACHINERY	ACRE	2.12	1.00	2.12
TRACTORS	ACRE	2.67	1.00	2.67
LABOR(TRACTOR & MACHINERY)	HOURL	2.50	1.88	4.71
INTEREST ON OP. CAP.	DOL.	0.10	32.15	<u>3.22</u>
SUBTOTAL, PRE-HARVEST				\$ 87.36
HARVEST COSTS				\$
CUSTOM BALING	BALE	0.45	88.00	39.60
CUSTOM HAULING	BALE	0.20	88.00	<u>17.60</u>
SUBTOTAL, HARVEST				\$ 57.20
TOTAL VARIABLE COST				\$ 144.56
3. BREAKEVEN PRICE, VARIABLE COSTS	TON			57.825
4. FIXED COSTS				\$
MACHINERY	ACRE	2.28	1.00	2.28
TRACTORS	ACRE	2.28	1.00	2.28
LAND (NET RENT)	ACRE	8.00	1.00	<u>8.00</u>
TOTAL FIXED COSTS				\$ 12.56
5. TOTAL COSTS				\$ 157.12
6. BREAKEVEN PRICE, TOTAL COSTS	TON			62.849

PROJECTED, 1976

COASTAL BERMUDAGRASS ESTABLISHMENT, DRYLAND, DEEP EAST TEXAS 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
OFFSET DISC	3,34	JAN	1.00	0.311	0.207	1.22	1.48
TANDEM DISC	5,36	JAN	1.00	0.388	0.259	0.77	0.89
TANDEM DISC	5,36	FEB	1.00	0.388	0.259	0.77	0.89
PICKUP	10	FEB	0.10	0.125	0.100	0.33	0.16
PICKUP	10	MAR	0.10	0.125	0.100	0.33	0.16
SPRAYER, PASTURE	5,90	MAY	1.00	0.172	0.115	0.35	0.50
PICKUP	10	MAY	0.10	0.125	0.100	0.33	0.16
PICKUP	10	JUNE	0.10	0.125	0.100	0.33	0.16
PICKUP	10	JULY	0.10	0.125	0.100	0.33	0.16
TOTALS				1.884	1.339	4.79	4.56

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 8340200022000 0
ANNUAL CAPITAL MONTH 8

COASTAL BERMUDAGRASS ESTABLISHMENT, DRYLAND, DEEP EAST 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				\$
HAY	TON	48.00	4.00	<u>192.00</u>
TOTAL				\$ 192.00
2. VARIABLE COSTS				\$
PREHARVEST				
FERT(250-100-100)	ACRE	80.50	1.00	80.50
LIME	TON	12.50	1.00	12.50
CUSTOM SPRIGGING	ACRE	20.00	1.00	20.00
HERBICIDE	LBS.	4.45	1.00	4.45
MACHINERY	ACRE	2.95	1.00	2.95
TRACTORS	ACRE	3.90	1.00	3.90
LABOR(TRACTOR & MACHINERY)	HR	2.50	2.82	7.06
INTEREST ON OP. CAP.	DOL.	0.10	40.55	<u>4.05</u>
SUBTOTAL, PRE-HARVEST				\$ 135.42
HARVEST COSTS				\$
CUSTOM BALING	BALE	0.45	139.00	62.55
CUSTOM HAULING	BALE	0.20	139.00	<u>27.80</u>
SUBTOTAL, HARVEST				\$ 90.35
TOTAL VARIABLE COST				\$ 225.77
3. BREAKEVEN PRICE, VARIABLE COSTS	TON			56.442
4. FIXED COSTS				\$
MACHINERY	ACRE	2.99	1.00	2.99
TRACTORS	ACRE	3.42	1.00	3.42
LAND (NET RENT)	ACRE	8.00	1.00	<u>8.00</u>
TOTAL FIXED COSTS				\$ 14.41
5. TOTAL COSTS				\$ 240.18
6. BREAKEVEN PRICE, TOTAL COSTS	TON			60.044

PROJECTED 1976