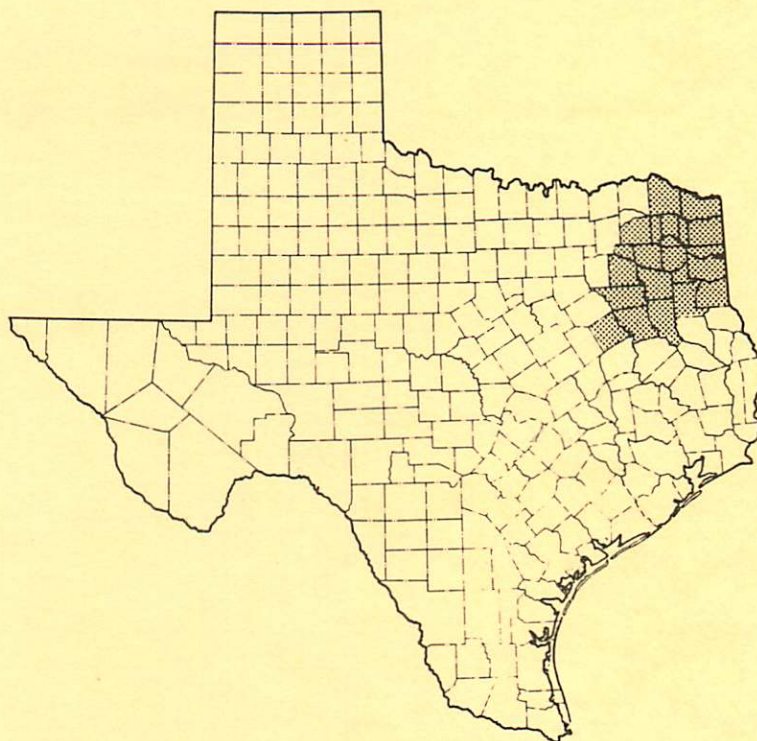




TEXAS NORTHEAST

FOREWORD

The enterprise budgets for Texas Northeast 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.

Crop share rental agreements do not exist to any substantial degree. Land charges were, therefore, calculated by using a fair market value times an interest rate or a cash lease.

NORTHEAST TEXAS REGION

Assumed Prices Paid and Received by Farmers 1/

Item	Unit	Price
<u>Price paid (1976)</u>		
Seed		
Corn	lb.	\$.43
Cotton	lb.	.35
Grain Sorghum	lb.	.42
Oats	lb.	.09
Small grain	lb.	.13
Rye grass	lb.	.30
Southern peas	lb.	.55
Soybeans	lb.	.20
Tomato plants	doz.	.60
Watermelons	lb.	3.00
Wheat		.13
Custom rates		
Coastal sprigging (including sprigs)	acre	20.00
Combining		
corn	bu.	.20
grain sorghum	acre	8.00
oats	acre	8.00
southern peas	acre	8.00
wheat	acre	8.00
Cotton strip and haul	cwt.	1.25
Cotton, gin, bag, and ties	cwt.	1.50
Hauling		
corn	bu.	.10
grain sorghum	cwt.	.20
oats	bu.	.06
peas	cwt.	.20
watermelons	cwt.	.30
wheat	bu.	.10
hay baling	bale	.45

Item	Unit	Price
Chemicals		
Fertilizer		
Nitrogen	lb.	\$.24
Phosphorous	lb.	.18
Potash	lb.	.08
Simazine	lb.	4.50
2-4D	gal.	9.00
Milogard	lb.	2.50
Treflan	gal.	28.50
Methylparathion	gal.	5.25
Sevin	lb.	1.52
Malithion	gal.	11.00
Grazing grain per acre		
Typical	lb.	250
High level	lb.	500
Interest	percent	.10
<u>Prices received (1976)</u>		
Coastal hay		
typical management	bale	\$ 1.15
high level management	bale	1.30
Corn	bu.	2.50
Cotton	lb.	.45
Cottonseed	ton	110.00
Grain sorghum	cwt.	4.25
Oats	bu.	1.25
Southern peas	cwt.	12.00
Soybeans	bu.	6.00
Tomatoes	carton	6.00
Watermelons	cwt.	3.00
Wheat	bu.	4.00

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

NORTHEAST 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	\$16,800	8	6800	\$ 3.22	\$ 4.39
Tractor - 70 HP	11,500	8	6800	2.20	3.04
Tractor - 50 HP	8,200	10	7500	1.63	2.07
Pickup - 1/2 ton	5,100	4	4400	1.12	2.90
Truck - 2 ton	7,665	15	4500	3.29	4.45
Combine - 20 feet	18,900	10	1100	27.96	10.69
Shredder 4R - 13.3 feet	2,600	8	1000	3.60	1.26
Offset disc - 10 feet	1,700	8	1200	1.95	.62
Tandem disc - 12 feet	1,120	8	1200	1.29	.41
MB Plow 4B - 5.3 feet	1,350	8	1400	1.32	1.44
Planter - 13.3 feet	1,350	8	480	3.87	1.58
Grain drill 10F - 10 feet	1,150	10	1000	1.78	.50
Tool bar cultivator - 13.3 feet	900	8	1200	1.03	.50
Rolling cultivator - 13.3 feet	1,450	8	1200	1.66	.81
Lister/bedder - 13.3 feet	1,120	8	1400	1.10	.45
Sprayer herbicide - 13.3 feet	400	8	800	.69	.22
Mist blow spray - 30 feet	2,400	5	1000	2.59	1.04

COASTAL BERMUDAGRASS ESTABLISHMENT, DRYLAND, NORTHEAST 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(60-40-40)	ACRE	24.80	1.00	24.80
CUSTOM SPRIGGING	ACRE	20.00	1.00	20.00
HERBICIDE	ACRE	2.25	1.00	2.25
MACHINERY	ACRE	3.34	1.00	3.34
TRACTORS	ACRE	2.29	1.00	2.29
LABOR(TRACTOR & MACHINERY)	HOURL	3.00	2.50	7.49
INTEREST ON OP. CAP.	DOL.	0.10	18.73	1.87
SUBTOTAL, PRE-HARVEST				\$ 62.05
HARVEST COSTS				\$-----
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 62.05
3. INCOME ABOVE VARIABLE COSTS				\$ -62.05
4. FIXED COSTS				\$
MACHINERY	ACRE	1.83	1.00	1.83
TRACTORS	ACRE	1.73	1.00	1.73
LAND (NET RENT)	ACRE	5.00	1.00	5.00
TOTAL FIXED COSTS				\$ 8.56
5. TOTAL COSTS				\$ 70.61
6. NET RETURNS				\$ -70.61

PROJECTED, 1976

COASTAL BERMUDAGRASS ESTABLISHMENT, DRYLAND, NORTHEAST 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	SEPT	0.15	0.194	0.155	0.45	0.17
PICKUP	10	OCT	0.15	0.194	0.155	0.45	0.17
RENTD.FERT.APPL1	3,86	FEB	1.00	0.118	0.079	0.20	0.15
PICKUP	10	FEB	0.15	0.194	0.155	0.45	0.17
TANDEM DISC	2,38	MAR	1.00	0.259	0.173	0.70	0.68
TANDEM DISC	2,38	APR	1.00	0.259	0.173	0.70	0.68
SPRAYER, HERB.	3,62	APR	1.00	0.388	0.258	0.70	0.68
PICKUP	10	APR	0.15	0.194	0.155	0.45	0.17
PICKUP	10	MAY	0.15	0.194	0.155	0.45	0.17
PICKUP	10	JUNE	0.15	0.194	0.155	0.45	0.17
RENTD.FERT.APPL1	3,86	AUG	1.00	0.118	0.079	0.20	0.15
PICKUP	10	AUG	0.15	0.194	0.155	0.45	0.17
TOTALS				2.497	1.846	5.64	3.56

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 8340110021100 0
ANNUAL CAPITAL MONTH 8

COASTAL BERMUDAGRASS ESTABLISHMENT, DRYLAND, NORTHEAST 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	BALE	1.15	70.00	\$
TOTAL				---80.50
				\$ 80.50
2. VARIABLE COSTS				
PREHARVEST				\$
FERT (180-80-80)	ACRE	64.00	1.09	69.76
CUSTOM SPRIGGING	ACRE	20.00	1.00	20.00
HERB, PREMERGE	ACRE	8.25	1.00	8.25
MACHINERY	ACRE	2.02	1.00	2.02
TRACTORS	ACRE	3.05	1.00	3.05
LABOR (TRACTOR & MACHINERY)	HOURL	3.00	2.05	6.14
INTEREST ON OP. CAP.	DOL.	0.10	37.28	---3.73
SUBTOTAL, PRE-HARVEST				\$ 112.95
HARVEST COSTS				\$
CUSTOM BALING	BALE	0.45	70.00	---31.50
SUBTOTAL, HARVEST				\$ 31.50
TOTAL VARIABLE COST				\$ 144.45
3. BREAK-EVEN PRICE, VARIABLE COSTS	BALE			2.064
4. FIXED COSTS				\$
MACHINERY	ACRE	1.32	1.00	1.32
TRACTORS	ACRE	2.30	1.00	2.30
LAND (NET RENT)	ACRE	5.00	1.00	---5.00
TOTAL FIXED COSTS				\$ 8.62
5. TOTAL COSTS				\$ 153.07
6. BREAK-EVEN PRICE, TOTAL COSTS	BALE			2.187

PROJECTED, 1976

COASTAL BERMUDAGRASS ESTABLISHMENT, DRYLAND, NORTHEAST 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
PICKUP	10	SEPT	0.09	0.112	0.090	0.26	0.10
PICKUP	10	OCT	0.09	0.112	0.090	0.26	0.10
PICKUP	10	NOV	0.09	0.112	0.090	0.26	0.10
PICKUP	10	JAN	0.09	0.112	0.090	0.26	0.10
RENTD.FERT.APPL 1	3,86	FEB	1.00	0.118	0.079	0.20	0.15
SPRAYER, HERB.	3,62	FEB	1.00	0.388	0.258	0.70	0.68
PICKUP	10	FEB	0.09	0.112	0.090	0.26	0.10
TANDEM DISC	1,38	MAR	1.00	0.259	0.173	0.98	0.89
PICKUP	10	MAR	0.09	0.112	0.090	0.26	0.10
TANDEM DISC	1,38	APR	1.00	0.259	0.173	0.98	0.89
RENTD.FERT.APPL 1	3,86	APR	1.00	0.118	0.079	0.20	0.15
PICKUP	10	MAY	0.09	0.112	0.090	0.26	0.10
RENTD.FERT.APPL 1	3,86	AUG	1.00	0.118	0.079	0.20	0.15
TOTALS				2.046	1.469	5.07	3.62

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 8340110011100 0
ANNUAL CAPITAL MONTH 8

COASTAL BERMUDAGRASS HAY, DRYLAND, NORTHEAST 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	BALE	1.15	210.00	<u>241.50</u>
TOTAL				\$ 241.50
2. VARIABLE COSTS				\$
PREHARVEST				
FERT (240-100-10)	ACRE	83.60	1.00	83.60
MACHINERY	ACRE	1.45	1.00	1.45
TRACTORS	ACRE	0.39	1.00	0.39
LABOR (TRACTOR & MACHINERY)	HOUR	3.00	0.86	2.58
INTEREST ON OP. CAP.	DOL.	0.10	25.03	<u>2.50</u>
SUBTOTAL, PRE-HARVEST				\$ 90.53
HARVEST COSTS				\$
CUSTOM BALING	BALE	0.45	210.00	<u>94.50</u>
SUBTOTAL, HARVEST				\$ 94.50
TOTAL VARIABLE COST				\$ 185.03
3. BREAK-EVEN PRICE, VARIABLE COSTS	BALE			0.881
4. FIXED COSTS				\$
MACHINERY	ACRE	0.56	1.00	0.56
TRACTORS	ACRE	0.31	1.00	0.31
PRORATED ESTAB. COST	ACRE	69.77	0.07	4.88
LAND (NET RENT)	ACRE	10.00	1.00	<u>10.00</u>
TOTAL FIXED COSTS				\$ 15.75
5. TOTAL COSTS				\$ 200.78
6. BREAK-EVEN PRICE, TOTAL COSTS	BALE			0.956

* ESTABLISHMENT COST PRORATED OVER 15 YEARS. HERBICIDE AT \$2.25/ACRE
EVERY OTHER YEAR. PROJECTED, 1976

COASTAL BERMUDAGRASS HAY, DRYLAND, NORTHEAST 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	AUG	0.10	0.125	0.100	0.29	0.11
RENTD.FERT.APPL1	3,86	FEB	1.00	0.118	0.079	0.20	0.15
PICKUP	10	FEB	0.10	0.125	0.100	0.29	0.11
PICKUP	10	APR	0.10	0.125	0.100	0.29	0.11
RENTD.FERT.APPL1	3,86	MAY	1.00	0.118	0.079	0.20	0.15
PICKUP	10	MAY	0.10	0.125	0.100	0.29	0.11
PICKUP	10	JUNE	0.10	0.125	0.100	0.29	0.11
TOTALS				0.861	0.657	1.84	0.86

* ESTABLISHMENT COST PRORATED OVER 15 YEARS. HERBICIDE AT \$2.25/ACRE
EVERY OTHER YEAR. PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 8360110021110 0
ANNUAL CAPITAL MONTH 7

COASTAL BERMUDAGRASS HAY, DRYLAND, NORTHEAST 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	BALE	1.15	300.00	<u>345.00</u>
TOTAL				\$ 345.00
2. VARIABLE COSTS				
PREHARVEST				\$
FERT (300-100-20)	ACRE	63.60	1.00	63.60
HERBICIDE	ACRE	2.25	1.00	2.25
MACHINERY	ACRE	2.09	1.00	2.09
TRACTORS	ACRE	1.23	1.00	1.23
LABOR (TRACTOR & MACHINERY)	HR	3.00	1.62	4.85
INTEREST ON OP. CAP.	DOL.	0.10	24.46	<u>2.45</u>
SUBTOTAL, PRE-HARVEST				\$ 76.46
HARVEST COSTS				\$
CUSTOM BALING	BALE	0.45	300.00	<u>135.00</u>
SUBTOTAL, HARVEST				\$ 135.00
TOTAL VARIABLE COST				\$ 211.46
3. BREAK-EVEN PRICE, VARIABLE COSTS	BALE			0.705
4. FIXED COSTS				\$
MACHINERY	ACRE	0.96	1.00	0.96
TRACTORS	ACRE	0.97	1.00	0.97
PRORATED ESTAB. COST	ACRE	70.39	0.07	4.93
LAND (NET RENT)	ACRE	10.00	1.00	<u>10.00</u>
TOTAL FIXED COSTS				\$ 16.85
5. TOTAL COSTS				\$ 228.31
6. BREAK-EVEN PRICE, TOTAL COSTS	BALE			0.761

* ESTABLISHMENT COST PRORATED OVER 15 YEARS.

PROJECTED, 1976