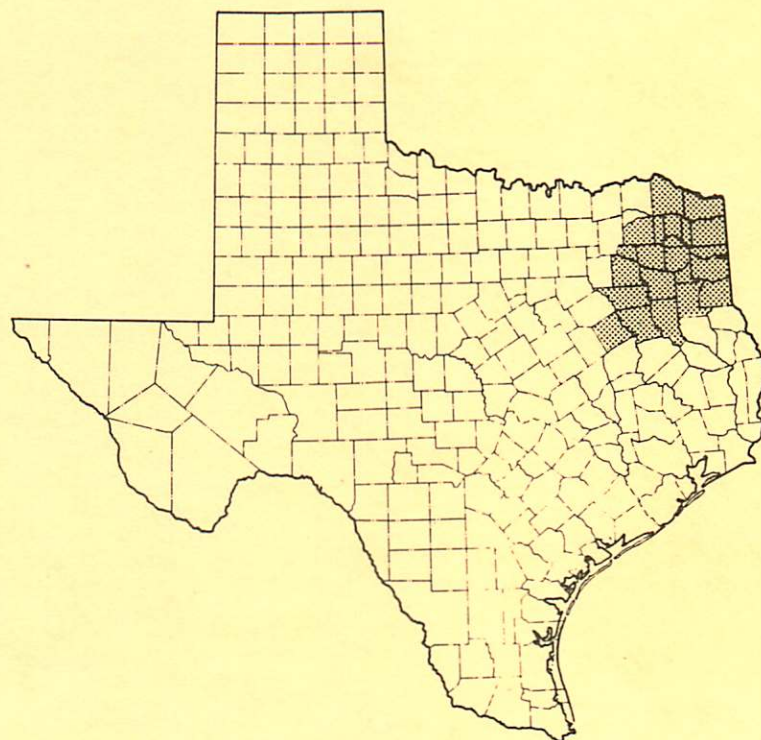




TEXAS NORTHEAST

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 (1978)</u>		
Seed		
Corn	1b.	\$.43
Cotton	1b.	.35
Grain Sorghum	1b.	.45
Oats	1b.	.14
Southern Peas	1b.	.30
Soybeans	1b.	.20
Tomato Plants	doz.	.60
Watermelons	1b.	7.00
Wheat	1b.	.15
Custom Rates		
Coastal Sprigging (including springs)	acre	30.00
Combining		
Corn	bu.	.30
Grain Sorghum	cwt.	.70
Oats	acre	12.00
Southern Peas	acre	10.00
Wheat	acre	12.00
Cotton strip and haul	cwt.	1.75
Cotton, gin, bag, and ties	cwt.	1.90
Hay baling	bale	.40
Soybeans	bu.	.70
Hauling		
Corn	bu.	.10
Oats	bu.	.08
Peas	cwt.	.20
Watermelons	cwt.	.25
Wheat	bu.	.12
Southern Peas	cwt.	.20

ITEM	UNIT	PRICE
Chemicals		
Fertilizer		
Nitrogen	lb.	\$.20
Phosphorous	lb.	.18
Potash	lb.	.08
Simazine	lb.	4.50
2-4D	gal.	5.50
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

Prices Received (1978)

Coastal Hay		
Typical Management	bale	1.20
High Level Management	bale	1.30
Corn	bu.	1.95
Cotton	lb.	.45
Cottonseed	ton	60.00
Grain Sorghum	cwt.	3.35
Oats	bu.	1.00
Southern peas	cwt.	12.00
Soybeans	bu.	5.60
Tomatoes	carton	9.00
Watermelons	cwt.	3.00
Wheat	bu.	2.25

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	Item No.	Purchase Price	Estimated Years of Use	Estimated Hours of Use	Fixed Costs Per Hour	Variable Costs Per Hour
Tractor - 100 HP	1	\$16,800	8	4800	\$ 3.22	\$ 4.39
Tractor - 70 HP	2	11,500	8	4800	3.00	4.14
Tractor - 50 HP	3	8,200	10	5000	2.39	2.88
Pickup - 1/2 Ton	10	5,100	4	2800	1.41	5.28
Shredder 4R - 13.3 Ft. T	31	2,600	8	1000	3.51	1.46
Offset Disc - 10 Ft. T	32	1,700	8	1200	1.92	.80
Tandem Disc - 13 Ft. T	34	2,520	8	1200	2.87	1.05
MB Plow 4B - 5.3 Ft. T	37	1,350	8	1400	1.30	.54
MB Plow 3B - 4.0 Ft. T	38	1,080	8	1400	1.05	.38
Planter - 13.3 Ft. T	39	1,350	8	480	3.80	1.57
Grain Drill - 10 Ft. T	42	1,150	10	1000	1.76	.65
Tool Bar Cult. - 13.3 Ft.	43	900	8	1200	1.01	.42
Tool Bar Cult. - 20 Ft. T	44	1,350	8	1400	1.31	.55
Lister/Bedder - 13.3 Ft. T	47	1,120	8	1400	1.08	.45
Sprayer Herb. - 13.3 Ft. T	49	525	8	800	.89	.38
Fert. Dist, Melon T	57	1,200	4	1000	1.08	.68
Plant-Cult 1-R T	58	1,350	8	800	2.28	.95
Rolling Cult. 1-R T	59	250	6	1800	.16	.08
Mist Blow Spray - 30 Ft.	60	2,400	5	1000	2.46	1.35

COASTAL BERMUDAGRASS ESTABLISHMENT, 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	22.40	1.00	22.40
CUSTOM SPRIGGING	ACRE	30.00	1.00	30.00
HERBICIDE	ACRE	2.25	1.00	2.25
MACHINERY	ACRE	6.25	1.00	6.25
TRACTORS	ACRE	3.49	1.00	3.49
LABOR(TRACTOR & MACHINERY)	HOURL	3.00	2.62	7.87
INTEREST ON OP. CAP.	DOL.	0.10	23.81	<u>2.38</u>
SUBTOTAL, PRE-HARVEST				\$ 74.64
HARVEST COSTS				\$ _____
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 74.64
3. INCOME ABOVE VARIABLE COSTS				\$ -74.64
4. FIXED COSTS				\$
MACHINERY	ACRE	2.88	1.00	2.88
TRACTORS	ACRE	2.70	1.00	2.70
LAND (NET RENT)	ACRE	10.00	1.00	<u>10.00</u>
TOTAL FIXED COSTS				\$ 15.58
5. TOTAL COSTS				\$ 90.22
6. NET RETURNS				\$ -90.22

PREPARED BY DR. JAMES T. LONG, TAEX, OVERTON, TEXAS

PROJECTED 1978

COASTAL BERMUDAGRASS ESTABLISHMENT, 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	0.82	0.22
PICKUP	10	OCT	0.15	0.194	0.155	0.82	0.22
RENTD.FERT.APPL1	3,86	FEB	1.00	0.118	0.079	0.27	0.23
PICKUP	10	FEB	0.15	0.194	0.155	0.82	0.22
TANDEM DISC T	2,34	MAR	1.00	0.283	0.189	1.14	1.22
TANDEM DISC T	2,34	APR	1.00	0.283	0.189	1.14	1.22
SPRAYER, HERB. T	3,49	APR	1.00	0.465	0.310	1.19	1.16
PICKUP	10	APR	0.15	0.194	0.155	0.82	0.22
PICKUP	10	MAY	0.15	0.194	0.155	0.82	0.22
PICKUP	10	JUNE	0.15	0.194	0.155	0.82	0.22
RENTD.FERT.APPL1	3,86	AUG	1.00	0.118	0.079	0.27	0.23
PICKUP	10	AUG	0.15	<u>0.194</u>	<u>0.155</u>	<u>0.82</u>	<u>0.22</u>

TOTALS

2.624

1.930

9.74

5.58

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PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 8340110021100 0

ANNUAL CAPITAL MONTH 8

COASTAL BERMUDAGRASS ESTABLISHMENT, 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	1.30	70.00	<u>91.00</u>
TOTAL				\$ 91.00
2. VARIABLE COSTS				\$
PREHARVEST				
FERT (180-80-80)	ACRE	56.80	1.00	56.80
CUSTOM SPRIGGING	ACRE	30.00	1.00	30.00
HERB, PREMERGE	ACRE	2.25	1.00	2.25
MACHINERY	ACRE	3.80	1.00	3.80
TRACTORS	ACRE	4.26	1.00	4.26
LABOR (TRACTOR & MACHINERY)	HOURL	3.00	2.08	6.24
INTEREST ON OP. CAP.	DOL.	0.10	38.62	<u>3.86</u>
SUBTOTAL, PRE-HARVEST				\$ 107.20
HARVEST COSTS				\$
CUSTOM BALING	BALE	0.40	70.00	<u>28.00</u>
SUBTOTAL, HARVEST				\$ 28.00
TOTAL VARIABLE COST				\$ 135.20
3. INCOME ABOVE VARIABLE COSTS				\$ -44.20
4. FIXED COSTS				\$
MACHINERY	ACRE	2.12	1.00	2.12
TRACTORS	ACRE	3.29	1.00	3.29
LAND (NET RENT)	ACRE	10.00	1.00	<u>10.00</u>
TOTAL FIXED COSTS				\$ 15.41
5. TOTAL COSTS				\$ 150.61
6. NET RETURNS				\$ -59.61

HAY SOLD IN FIELD.

PREPARED BY DR. JAMES T. LONG, TAEX, OVERTON, TEXAS

PROJECTED 1978

COASTAL BERMUDAGRASS ESTABLISHMENT, 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	0.48	0.13
PICKUP	10	OCT	0.09	0.112	0.090	0.48	0.13
PICKUP	10	NOV	0.09	0.112	0.090	0.48	0.13
PICKUP	10	JAN	0.09	0.112	0.090	0.48	0.13
RENTD.FERT.APPL1	3,86	FEB	1.00	0.118	0.079	0.27	0.23
SPRAYER,HERB. H	3,83	FEB	1.00	0.423	0.282	1.08	1.06
PICKUP	10	FEB	0.09	0.112	0.090	0.48	0.13
TANDEM DISC H	1,68	MAR	1.00	0.258	0.172	1.41	1.40
PICKUP	10	MAR	0.09	0.112	0.090	0.48	0.13
TANDEM DISC H	1,68	APR	1.00	0.258	0.172	1.41	1.40
RENTD.FERT.APPL1	3,86	APR	1.00	0.118	0.079	0.27	0.23
PICKUP	10	MAY	0.09	0.112	0.090	0.48	0.13
RENTD.FERT.APPL1	3,86	AUG	1.00	<u>0.118</u>	<u>0.079</u>	<u>0.27</u>	<u>0.23</u>
TOTALS				2.079	1.491	8.05	5.41

HAY SOLD IN FIELD.

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

COASTAL BERMUDAGRASS HAY, 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	1.20	210.00	<u>252.00</u>
TOTAL				\$ 252.00
2. VARIABLE COSTS				\$
PREHARVEST				
FERT 240-100-130	ACRE	76.40	1.00	76.40
HERBICIDE	ACRE	2.25	0.50	1.13
MACHINERY	ACRE	2.64	1.00	2.64
TRACTORS	ACRE	0.54	1.00	0.54
LABOR (TRACTOR & MACHINERY)	HOUR	3.00	0.86	2.58
INTEREST ON OP. CAP.	DOL.	0.10	23.79	<u>2.38</u>
SUBTOTAL, PRE-HARVEST				\$ 85.67
HARVEST COSTS				\$
CUSTOM BALING	BALE	0.40	210.00	<u>84.00</u>
SUBTOTAL, HARVEST				\$ 84.00
TOTAL VARIABLE COST				\$ 169.67
3. BREAK EVEN PRICE, VARIABLE COSTS	BALE			0.808
4. FIXED COSTS				\$
MACHINERY	ACRE	0.70	1.00	0.70
TRACTORS	ACRE	0.45	1.00	0.45
PRORATED ESTAB. COST	ACRE	90.22	0.07	6.32
LAND (NET RENT)	ACRE	10.00	1.00	<u>10.00</u>
TOTAL FIXED COSTS				\$ 17.47
5. TOTAL COSTS				\$ 187.14
6. BREAK EVEN PRICE, TOTAL COSTS	BALE			0.891

* ESTABLISHMENT COST PRORATED OVER 15 YEARS. HERBICIDE AT \$2.25/ACRE
HAY SOLD IN FIELD.

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COASTAL BERMUDAGRASS HAY, 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	0.53	0.14
RENTD.FERT.APPL1	3.86	FEB	1.00	0.118	0.079	0.27	0.23
PICKUP	10	FEB	0.10	0.125	0.100	0.53	0.14
PICKUP	10	APR	0.10	0.125	0.100	0.53	0.14
RENTD.FERT.APPL1	3.86	MAY	1.00	0.118	0.079	0.27	0.23
PICKUP	10	MAY	0.10	0.125	0.100	0.53	0.14
PICKUP	10	JUNE	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.53</u>	<u>0.14</u>
TOTALS				0.861	0.657	3.19	1.15

* ESTABLISHMENT COST PRORATED OVER 15 YEARS. HERBICIDE AT \$2.25/ACRE
HAY SOLD IN FIELD.

PREPARED BY DR. JAMES T. LONG, TAEX, OVERTON, TEXAS PROJECTED 1978

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

COASTAL BERMUDAGRASS HAY, 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	1.30	300.00	<u>390.00</u>
TOTAL				\$ 390.00
2. VARIABLE COSTS				\$
PREHARVEST				
FERT 300-100-200	ACRE	107.60	1.00	107.60
HERBICIDE	ACRE	2.25	1.00	2.25
MACHINERY	ACRE	3.81	1.00	3.81
TRACTORS	ACRE	1.79	1.00	1.79
LABOR (TRACTOR & MACHINERY)	HOUR	3.00	1.65	4.95
INTEREST ON OP. CAP.	DOL.	0.10	40.71	<u>4.07</u>
SUBTOTAL, PRE-HARVEST				\$ 124.47
HARVEST COSTS				\$
CUSTOM BALING	BALE	0.40	300.00	<u>120.00</u>
SUBTOTAL, HARVEST				\$ 120.00
TOTAL VARIABLE COST				\$ 244.47
3. BREAKEVEN PRICE, VARIABLE COSTS	BALE			0.815
4. FIXED COSTS				\$
MACHINERY	ACRE	1.23	1.00	1.23
TRACTORS	ACRE	1.48	1.00	1.48
PRORATED ESTAB. COST	ACRE	59.61	0.07	4.17
LAND (NET RENT)	ACRE	10.00	1.00	<u>10.00</u>
TOTAL FIXED COSTS				\$ 16.89
5. TOTAL COSTS				\$ 261.36
6. BREAKEVEN PRICE, TOTAL COSTS	BALE			0.871

HAY SOLD IN FIELD.

PREPARED BY DR. JAMES T. LONG, TAEX, OVERTON, TEXAS

PROJECTED 1978

COASTAL BERMUDAGRASS HAY, 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	FEB	0.10	0.125	0.100	0.53	0.14
RENTD.FERT.APPL1	3,86	MAR	1.00	0.118	0.079	0.27	0.23
SPRAYER, HERB. H	3,83	APR	1.00	0.423	0.282	1.08	1.06
PICKUP	10	APR	0.10	0.125	0.100	0.53	0.14
RENTD.FERT.APPL1	3,86	MAY	1.00	0.118	0.079	0.27	0.23
PICKUP	10	MAY	0.10	0.125	0.100	0.53	0.14
PICKUP	10	JUNE	0.10	0.125	0.100	0.53	0.14
PICKUP	10	JULY	0.10	0.125	0.100	0.53	0.14
RENTD.FERT.APPL1	3,86	AUG	1.00	0.118	0.079	0.27	0.23
PICKUP	10	AUG	0.10	0.125	0.100	0.53	0.14
PICKUP	10	SEPT	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.53</u>	<u>0.14</u>

TOTALS

1.651 1.218 5.60 2.72

HAY SOLD IN FIELD.

PREPARED BY DR. JAMES T. LONG, TAEX, OVERTON, TEXAS

PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 8360110011100 0

ANNUAL CAPITAL MONTH 9