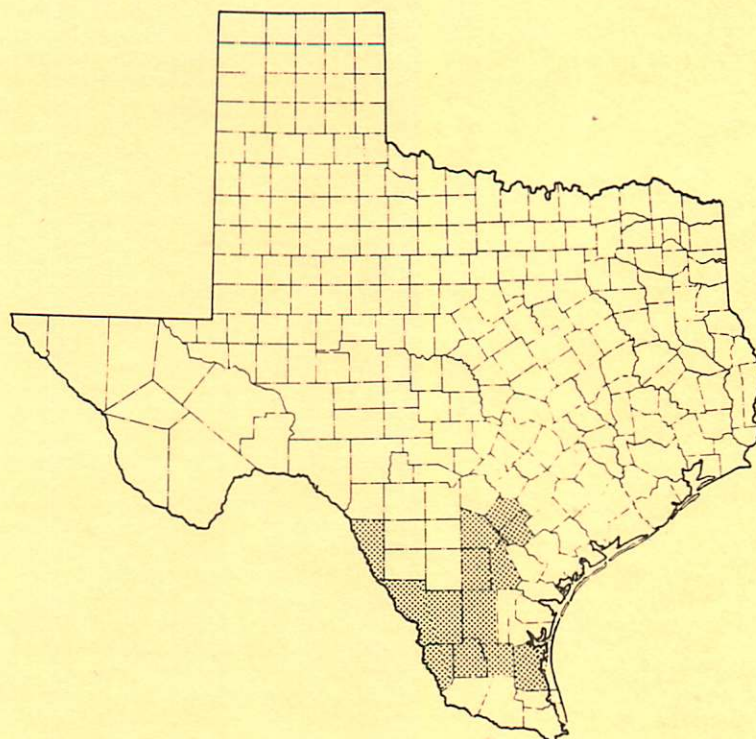




TEXAS LOWER SOUTH CENTRAL

FOREWORD

The enterprise budgets for Texas Lower South Central 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.

SOUTH TEXAS REGION

Assumed Prices Paid and Received by Farmers 1/

Item	Unit	Price
<u>Prices paid (1976)</u>		
Seed		
Corn	lb.	\$.42
Grain Sorghum	lb.	.42
Flax	lb.	.30
Forage Sorghum (hay)	lb.	.36
Wheat - Milam	lb.	.25
Peanuts	lb.	.40
Coastal Bermuda (sprigs & sprigging)	acre	20.00
Buffel grass	lb. pls.	2.50
Klein grass	lb.	8.00
Ryegrass	lb.	.20
Watermelons	lb.	5.50
Fertilizer		
Ammonium nitrate	ton	165.00
Ammonium sulfate	ton	110.00
Liquid N-32	ton	124.00
20-10-0	ton	129.00
10-20-0	ton	140.00
Insecticides		
Methyl parathion	gal.	8.95
Toxephene	gal.	4.80
Cygon	gal.	20.50
Sevin	lb.	1.52
Lannate	gal.	18.60
Monitor	gal.	49.80
Azodrin	gal.	21.30
Herbicides		
Treflan	qt.	7.50
Prefar	gal.	15.05
Dacthal	lb.	1.85
Propazine	lb.	3.30
Aatrex	lb.	3.25
Atrazine	lb.	3.00
MSMA	gal.	7.95
Banvel	gal.	37.00

Item	Unit	Price
Fungicides		
Maneb	lb.	1.25
Bravo	gal.	25.55
Benlate	lb.	8.30
Labor rates		
Tractor operator	hour	2.25
Irrigator	hour	2.00
Hand labor	hour	2.00
Fuels and lubricants		
Diesel	gal.	.45
Gasoline	gal.	.475
Custom rates		
Combine grain sorghum	cwt.	.30
Combine corn	acre	15.00
Haul grain sorghum	cwt.	.15
Haul corn	bu.	.09
Combine flax	acre	7.50
Haul flax	bu.	.09
Combine wheat	acre	9.00
Haul wheat	bu.	.12
Cut, rake, bale hay (standard bales)	bale	.50
Haul hay (standard bales)	bale	.15
Plant grass (buffel, klein)	acre	4.00

Prices recieved (1976)

Corn	bu.	3.00
Flax	bu.	5.50
Grain sorghum	cwt.	4.50
Peanuts	lb.	.20
Watermelons	cwt.	3.00
Wheat	bu.	5.00
Hay	bale	1.50

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

SOUTH 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 - 115 HP	\$14,118	5	7000	\$1.94	\$4.64
Tractor - 90 HP	11,200	8	4800	2.96	4.29
Tractor - 40 HP	5,800	12	3600	2.60	2.91
Pickup - 1/2 ton	5,100	4	3000	1.61	3.79
Combine peanut - 6.3 feet	5,300	6	600	9.97	4.07
Moldboard plow - 4.5 feet	1,075	10	2000	.81	.42
Moldboard plow - 3.5 feet	775	15	750	1.93	.81
Disc - 13 feet	2,200	8	2000	1.47	.50
Offset disc - 10 feet	1,980	10	900	3.31	1.00
Lister bedder - 20 feet	1,500	10	2000	1.13	.44
Lister bedder - 13 feet	1,000	15	600	3.10	.98
Spike harrow - 12 feet	400	15	300	2.48	.25
Cultivator - 13 feet	1,320	12	1200	1.82	.65
Rolling cult. - 20 feet	2,000	8	1600	1.67	.98
Planter - 13 feet	1,000	12	360	4.60	1.63
Shredder - 6 feet	675	10	500	2.04	.69
Shredder - 13 feet	1,700	8	600	3.82	1.44
Grain drill - 13 feet	1,200	10	200	9.02	2.73
Sprayer - 19 feet	600	8	400	2.01	.68
Planter, peanut - 13 feet	1,750	10	500	5.27	2.06
Digger, peanut - 6.3 feet	1,750	8	800	2.93	1.73
Sprayer, herb. - 13 feet	300	10	500	.91	.27
Sprayer - 13 feet	650	10	1500	.65	.20
Appli. insect. - 13 feet	150	8	400	.51	.17
Cultipacker - 10 feet	800	10	500	2.40	1.26

BUFFELGRASS ESTABLISHMENT, DRYLAND, LOWER SOUTH CENTRAL TEXAS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
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1. GROSS RECEIPTS FROM PRODUCTION
TOTAL

\$ _____
\$ 0.0

2. VARIABLE COSTS

PREHARVEST

BRUSH CLEARING

ACRE	50.00	1.00	50.00
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SEED

LBS.	2.50	4.00	10.00
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CUSTOM PLANT

ACRE	4.00	1.00	4.00
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MACHINERY

ACRE	2.01	1.00	2.01
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TRACTORS

ACRE	2.58	1.00	2.58
------	------	------	------

LABOR (TRACTOR & MACHINERY)

HOURL	2.25	1.12	2.53
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INTEREST ON OP. CAP.

DOL.	0.09	17.34	1.65
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SUBTOTAL, PRE-HARVEST

\$ 72.77

HARVEST COSTS

SUBTOTAL, HARVEST

\$ _____
\$ 0.0

TOTAL VARIABLE COST

\$ 72.77

3. INCOME ABOVE VARIABLE COSTS

\$ -72.77

4. FIXED COSTS

MACHINERY

ACRE	2.29	1.00	2.29
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TRACTORS

ACRE	1.08	1.00	1.08
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LAND (NET RENT)

ACRE	250.00	0.06	15.00
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TOTAL FIXED COSTS

\$ 18.37

5. TOTAL COSTS

\$ 91.13

6. NET RETURNS

\$ -91.13

PROJECTED, 1976

BUFFELGRASS ESTABLISHMENT, DRYLAND, LOWER SOUTH CENTRAL 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	FEB	0.10	0.125	0.100	0.38	0.16
PICKUP	10	AUG	0.10	0.125	0.100	0.38	0.16
OFFSET DISC	1,34	SEPT	2.00	0.623	0.497	3.08	2.72
PICKUP	10	SEPT	0.10	0.125	0.100	0.38	0.16
PICKUP	10	NOV	0.10	0.125	0.100	0.38	0.16
TOTALS				1.123	0.897	4.59	3.37

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 8530170021700 0
ANNUAL CAPITAL MONTH 12

BUFFELGRASS PASTURE, DRYLAND, LOWER SOUTH CENTRAL TEXAS REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
GRAZING	AUMS	0.0	2.50	<u>0.0</u>
TOTAL				\$ 0.0
2. VARIABLE COSTS				\$
PREHARVEST				
MACHINERY	ACRE	1.51	1.00	1.51
LABOR (TRACTOR & MACHINERY)	HOUR	2.25	0.50	1.12
INTEREST ON OP. CAP.	DOL.	0.09	0.63	<u>0.06</u>
SUBTOTAL, PRE-HARVEST				\$ 2.70
HARVEST COSTS				\$
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 2.70
3. BREAKEVEN PRICE, VARIABLE COSTS	AUMS			1.080
4. FIXED COSTS				\$
MACHINERY	ACRE	0.64	1.00	0.64
TRACTORS	ACRE	0.0	1.00	0.0
PRORATED ESTAB. COST	ACRE	79.60	0.10	7.96
LAND (NET RENT)	ACRE	250.00	0.06	<u>15.00</u>
TOTAL FIXED COSTS				\$ 23.60
5. TOTAL COSTS				\$ 26.30
6. BREAKEVEN PRICE, TOTAL COSTS	AUMS			10.521

ESTABLISHMENT COST PRORATED OVER 10 YEARS.
INCOME FROM CROP REFLECTED IN LIVESTOCK BUDGETS.
HERBICIDE CUSTOM APPLIED.

PROJECTED, 1976

BUFFELGRASS PASTURE, DRYLAND, LOWER SOUTH CENTRAL 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	NOV	0.10	0.125	0.100	0.38	0.16
PICKUP	10	MAR	0.10	0.125	0.100	0.38	0.16
PICKUP	10	MAY	0.10	0.125	0.100	0.38	0.16
PICKUP	10	SEPT	0.10	0.125	0.100	0.38	0.16
TOTALS				0.500	0.400	1.51	0.64

ESTABLISHMENT COST PRORATED OVER 10 YEARS.
INCOME FROM CROP REFLECTED IN LIVESTOCK BUDGETS.
HERBICIDE CUSTOM APPLIED.

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 8550170021700 0
ANNUAL CAPITAL MONTH 9

COASTAL BERMUDAGRASS ESTAB., DRYLAND, LOWER SOUTH CENTRAL TEXAS
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
GRAZING	AUMS	0.0	1.00	<u>0.0</u>
TOTAL				\$ 0.0
2. VARIABLE COSTS				\$
PREHARVEST				
CUSTOM SPRIGGING	ACRE	20.00	1.00	20.00
HERBICIDE	LBS.	0.50	1.00	0.50
FERT. (30-30-0)	ACRE	15.00	1.00	15.00
MACHINERY	ACRE	5.20	1.00	5.20
TRACTORS	ACRE	7.71	1.00	7.71
LABOR (TRACTOR & MACHINERY)	HOUR	2.25	3.49	7.85
INTEREST ON OP. CAP.	DOL.	0.09	25.33	<u>2.41</u>
SUBTOTAL, PRE-HARVEST				\$ 58.66
HARVEST COSTS				\$ <u> </u>
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 58.66
3. BREAKEVEN PRICE, VARIABLE COSTS	AUMS			58.664
4. FIXED COSTS				\$
MACHINERY	ACRE	5.66	1.00	5.66
TRACTORS	ACRE	5.69	1.00	5.69
LAND (NET RENT)	ACRE	400.00	0.06	<u>24.00</u>
TOTAL FIXED COSTS				\$ 35.35
5. TOTAL COSTS				\$ 94.01
6. BREAKEVEN PRICE, TOTAL COSTS	AUMS			94.014

PROJECTED, 1976

COASTAL BERMUDAGRASS ESTAB., DRYLAND, LOWER SCUTH CENTRAL TEXAS
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
SHREDDER	5,46	OCT	1.00	0.444	0.354	1.39	1.75
PICKUP	10	OCT	0.08	0.104	0.083	0.31	0.13
MOLDBOARD PLOW	3,32	NOV	1.00	0.901	0.719	4.04	3.76
OFFSET DISC	3,34	NOV	1.00	0.312	0.248	1.44	1.64
PICKUP	10	NOV	0.08	0.104	0.083	0.31	0.13
PICKUP	10	DEC	0.08	0.104	0.083	0.31	0.13
OFFSET DISC	3,34	JAN	1.00	0.312	0.248	1.44	1.64
PICKUP	10	JAN	0.08	0.104	0.083	0.31	0.13
PICKUP	10	FEB	0.08	0.104	0.083	0.31	0.13
PICKUP	10	MAR	0.08	0.104	0.083	0.31	0.13
FERT.APPL I. RENTD	5,86	APR	1.00	0.081	0.064	0.21	0.19
SPRAYER	5,50	APR	1.00	0.195	0.155	0.61	0.76
PICKUP	10	APR	0.08	0.104	0.083	0.31	0.13
PICKUP	10	MAY	0.08	0.104	0.083	0.31	0.13
PICKUP	10	JUNE	0.08	0.104	0.083	0.31	0.13
PICKUP	10	JULY	0.08	0.104	0.083	0.31	0.13
PICKUP	10	AUG	0.08	0.104	0.083	0.31	0.13
PICKUP	10	SEPT	0.08	0.104	0.083	0.31	0.13

TOTALS

3.489 2.785 12.91 11.35

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 8340170021400 0
ANNUAL CAPITAL MONTH 9

COASTAL BERMUDAGRASS PASTURE, DRYLAND, LOWER SOUTH CENTRAL TEXAS
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
GRAZING	AUMS	0.0	4.00	<u>0.0</u>
TOTAL				\$ 0.0
2. VARIABLE COSTS				\$
PREHARVEST				
FERT. (60-30-0)	ACRE	19.35	1.00	19.35
MACHINERY	ACRE	3.10	1.00	3.10
TRACTORS	ACRE	0.38	1.00	0.38
LABOR (TRACTOR & MACHINERY)	HOUR	2.25	1.16	2.60
INTEREST ON OP. CAP.	DOL.	0.09	9.43	<u>0.90</u>
SUBTOTAL, PRE-HARVEST				\$ 26.33
HARVEST COSTS				\$
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 26.33
3. BREAKEVEN PRICE, VARIABLE COSTS	AUMS			6.582
4. FIXED COSTS				\$
MACHINERY	ACRE	1.40	1.00	1.40
TRACTORS	ACRE	0.34	1.00	0.34
PRORATED ESTAB. COST	ACRE	94.01	0.07	6.58
LAND (NET RENT)	ACRE	400.00	0.06	<u>24.00</u>
TOTAL FIXED COSTS				\$ 32.32
5. TOTAL COSTS				\$ 58.65
6. BREAKEVEN PRICE, TOTAL COSTS	AUMS			14.662

PROJECTED, 1976

COASTAL BERMUDAGRASS PASTURE, DRYLAND, LOWER SOUTH CENTRAL TEXAS
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	OCT	0.09	0.112	0.090	0.34	0.14
PICKUP	10	NOV	0.09	0.112	0.090	0.34	0.14
PICKUP	10	MAR	0.09	0.112	0.090	0.34	0.14
FERT. APPL I. RENTD	5,86	APR	1.00	0.081	0.064	0.21	0.19
SPRAYER	5,50	APR	0.33	0.064	0.051	0.20	0.25
PICKUP	10	APR	0.09	0.112	0.090	0.34	0.14
PICKUP	10	MAY	0.09	0.112	0.090	0.34	0.14
PICKUP	10	JUNE	0.09	0.112	0.090	0.34	0.14
PICKUP	10	JULY	0.09	0.112	0.090	0.34	0.14
PICKUP	10	AUG	0.09	0.112	0.090	0.34	0.14
PICKUP	10	SEPT	0.09	0.112	0.090	0.34	0.14
TOTALS				1.158	0.926	3.48	1.74

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 8350170021700 0
ANNUAL CAPITAL MCNTH 9