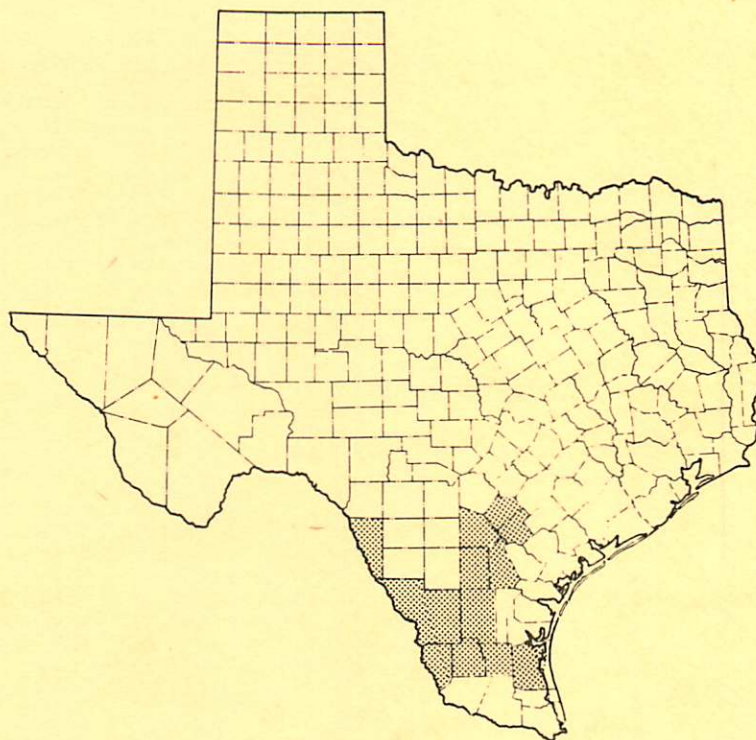




TEXAS LOWER SOUTH CENTRAL

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.

LOWER SOUTH CENTRAL TEXAS REGION

Assumed Prices Paid and Received by Farmers 1/

Item	Unit	Price
<u>Prices paid (1977)</u>		
Seed		
Corn	lb.	\$.45
Grain sorghum	lb.	.42
Flax	lb.	.30
Forage sorghum (hay)	lb.	.20
Wheat - milam	lb.	.25
Peanuts	lb.	.40
Coastal bermuda (sprigs & sprigging)	acre	30.00
Buffel grass	lb. pls.	2.50
Kleingrass	lb.	6.00
Ryegrass	lb.	.20
Watermelons	lb.	5.50
Fertilizer		
Ammonium nitrate	ton	132.00
Ammonium sulfate	ton	100.00
Liquid N-32	ton	130.00
20-10-0	ton	125.00
10-20-0	ton	125.00
Insecticides		
Methyl parathion	gal.	8.50
Toxephene	gal.	4.50
Cygon	gal.	20.50
Sevin	lb.	1.90
Lannate	gal.	18.15
Monitor	gal.	39.50
Azodrin	gal.	22.25
Herbicides		
Treflan	qt.	7.80
Prefar	gal.	14.50
Dacthal	lb.	1.85
Aatrex	lb.	3.00
MSMA	gal.	8.55
Banvel	gal.	33.50

Lower South Central Region

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Item	Unit	Price
Fungicides		
Maneb	lb.	1.35
Bravo	gal.	28.00
Benlate	lb.	8.30
Labor rates		
Tractor operator	hour	2.75
Irrigation	hour	2.50
Hand labor	hour	2.50
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	.20
Plant grass (buffel, klein)	acre	4.00
<u>Prices received (1977)</u>		
Corn	bu.	2.55
Flax	bu.	6.00
Grain sorghum	cwt.	4.30
Peanuts	lb.	.195
Watermelons	cwt.	4.65
Wheat	bu.	2.75
Hay	bale	1.25

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

LOWER SOUTH CENTRAL 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 - 115 HP	1	\$14,118	5	7000	\$1.94	\$4.64
Tractor - 90 HP	3	11,200	8	4800	2.96	4.29
Tractor - 40 HP	5	5,800	12	3600	2.60	2.91
Pickup - 1/2 ton	10	5,100	4	3000	1.61	3.79
Combine Peanut - 6.3 feet	13	5,300	6	600	9.97	4.07
Moldboard Plow - 4.5 feet	31	1,075	10	2000	.81	.42
Moldboard Plow - 3.5 feet	32	775	15	750	1.93	.81
Disc - 13 feet	33	2,200	8	2000	1.47	.50
Offset Disc - 10 feet	34	1,980	10	900	3.31	1.00
Lister Bedder - 20 feet	35	1,500	10	2000	1.13	.44
Lister Bedder - 13 feet	36	1,000	15	600	3.10	.98
Spike Harrow - 12 feet	40	400	15	300	2.48	.25
Cultivator - 13 feet	42	1,320	12	1200	1.82	.65
Rolling cult. - 20 feet	43	2,000	8	1600	1.67	.98
Planter - 13 feet	44	1,000	12	360	4.60	1.63
Shredder - 6 feet	46	675	10	500	2.04	.69
Shredder - 13 feet	47	1,700	8	600	3.82	1.44
Grain Drill - 13 feet	48	1,200	10	200	9.02	2.73
Sprayer - 19 feet	50	600	8	400	2.01	.68
Planter, Peanut - 13 feet	59	1,750	10	500	5.27	2.06
Digger, Peanut - 6.3 feet	61	1,750	8	800	2.93	1.73
Sprayer, Herb. - 13 feet	63	300	10	500	.91	.27
Sprayer - 13 feet	65	650	10	1500	.65	.20
Appli. Insect. - 13 feet	67	150	8	400	.51	.17
Cultipacker - 10 feet	75	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
1. GROSS RECEIPTS FROM PRODUCTION				\$ _____
TOTAL				\$ 0.0
2. VARIABLE COSTS				
PREHARVEST				\$
BRUSH CLEARING	ACRE	75.00	1.00	75.00
SEED	LBS.	2.50	4.00	10.00
CUSTOM PLANT	ACRE	4.00	1.00	4.00
MACHINERY	ACRE	2.01	1.00	2.01
TRACTORS	ACRE	2.76	1.00	2.76
LABOR (TRACTOR & MACHINERY)	HOUR	2.75	1.39	3.84
INTEREST ON OP. CAP.	DOL.	0.09	23.63	<u>2.25</u>
SUBTOTAL, PRE-HARVEST				\$ 99.86
HARVEST COSTS				\$ _____
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 99.86
3. INCOME ABOVE VARIABLE COSTS				\$ -99.86
4. FIXED COSTS				\$
MACHINERY	ACRE	2.29	1.00	2.29
TRACTORS	ACRE	1.16	1.00	1.16
LAND (NET RENT)	ACRE	3.00	1.00	<u>3.00</u>
TOTAL FIXED COSTS				\$ 6.44
5. TOTAL COSTS				\$ 106.30
6. NET RETURNS				\$ -106.30

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PROJECTED 1977

BUEFELGRASS 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	0.895	0.497	3.26	2.80
PICKUP	10	SEPT	0.10	0.125	0.100	0.38	0.16
PICKUP	10	NOV	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.38</u>	<u>0.16</u>
TOTALS				1.395	0.897	4.78	3.44

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PROJECTED 1977

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

BUEFELGRASS 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>2.2</u>
TOTAL				\$ 0.0
2. VARIABLE COSTS				
PREHARVEST				\$
MACHINERY	ACRE	1.51	1.00	1.51
LABOR (TRACTOR & MACHINERY)	HOURL	2.75	0.50	1.37
INTEREST ON OP. CAP.	DOL.	0.09	0.63	<u>0.06</u>
SUBTOTAL, PRE-HARVEST				\$ 2.95
HARVEST COSTS				\$
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 2.95
3. INCOME ABOVE VARIABLE COSTS				\$ -2.95
4. FIXED COSTS				\$
MACHINERY	ACRE	0.64	1.00	0.64
TRACTORS	ACRE	0.0	1.00	0.0
PRORATED ESTAB. COST	ACRE	106.30	0.10	10.63
LAND (NET RENT)	ACRE	8.00	1.00	<u>8.00</u>
TOTAL FIXED COSTS				\$ 19.27
5. TOTAL COSTS				\$ 22.22
6. NET RETURNS				\$ -22.22

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

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PROJECTED 1977

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	<u>0.125</u>	<u>0.100</u>	<u>0.38</u>	<u>0.16</u>
TOTALS				0.500	0.400	1.51	0.64

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

PREPARED BY ALAN REICHARDT, TAEX, WESLACO, TEXAS

PROJECTED 1977

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	30.00	1.00	30.00
HERBICIDE	ACRE	0.50	1.00	0.50
FERT. (30-30-0)	ACRE	12.00	1.00	12.00
MACHINERY	ACRE	5.20	1.00	5.20
TRACTORS	ACRE	8.26	1.00	8.26
LABOR (TRACTOR & MACHINERY)	HOURL	2.75	4.46	12.28
INTEREST ON OP. CAP.	DOL.	0.09	29.51	<u>2.82</u>
SUBTOTAL, PRE-HARVEST				\$ 71.04
HARVEST COSTS				\$
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 71.04
3. INCOME ABOVE VARIABLE COSTS				\$ -71.04
4. FIXED COSTS				\$
MACHINERY	ACRE	5.66	1.00	5.66
TRACTORS	ACRE	6.10	1.00	6.10
LAND (NET RENT)	ACRE	8.00	1.00	<u>8.00</u>
TOTAL FIXED COSTS				\$ 19.76
5. TOTAL COSTS				\$ 90.80
6. NET RETURNS				\$ -90.80

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PROJECTED 1977

COASTAL BERMUDAGRASS ESTAB., 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
SHREDDER	5,46	OCT	1.00	0.637	0.354	1.48	1.82
PICKUP	10	OCT	0.08	0.104	0.083	0.31	0.13
MOLDBOARD PLOW	3,32	NOV	1.00	1.294	0.719	4.28	3.93
OFFSET DISC	3,34	NOV	1.00	0.447	0.248	1.53	1.70
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	0.447	0.248	1.53	1.70
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. APPLI. RENTD	5,86	APR	1.00	0.116	0.064	0.22	0.20
SPRAYER	5,50	APR	1.00	0.279	0.155	0.65	0.79
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	<u>0.104</u>	<u>0.083</u>	<u>0.31</u>	<u>0.13</u>
TOTALS				4.465	2.785	13.46	11.76

PREPARED BY ALAN REICHARDT, TAEX, WESLACO, TEXAS

PROJECTED 1977

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	18.00	1.00	18.00
MACHINERY	ACRE	3.10	1.00	3.10
TRACTORS	ACRE	0.40	1.00	0.40
LABOR (TRACTOR & MACHINERY)	HOURL	2.75	1.22	3.36
INTEREST ON OP. CAP.	DOL.	0.09	8.87	<u>0.84</u>
SUBTOTAL, PRE-HARVEST				\$ 25.70
HARVEST COSTS				\$
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 25.70
3. INCOME ABOVE VARIABLE COSTS				\$ -25.70
4. FIXED COSTS				\$
MACHINERY	ACRE	1.40	1.00	1.40
TRACTORS	ACRE	0.36	1.00	0.36
PRORATED ESTAB. COST	ACRE	90.80	0.07	6.36
LAND (NET RENT)	ACRE	12.50	1.00	<u>12.50</u>
TOTAL FIXED COSTS				\$ 20.62
5. TOTAL COSTS				\$ 46.32
6. NET RETURNS				\$ -46.32

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PROJECTED 1977

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. APPLI. RENTD	5,86	APR	1.00	0.116	0.064	0.22	0.20
SPRAYER	5,50	APR	0.33	0.092	0.051	0.21	0.26
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	<u>0.112</u>	<u>0.090</u>	<u>0.34</u>	<u>0.14</u>
TOTALS				1.221	0.926	3.50	1.76

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PROJECTED 1977

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

FLAX, 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				\$
FLAX	BU.	6.00	12.00	<u>72.00</u>
TOTAL				\$ 72.00
2. VARIABLE COSTS				\$
PREHARVEST				
SEED	LBS.	0.30	15.00	4.50
FERT. (30-30-0)	ACRE	12.00	1.00	12.00
MACHINERY	ACRE	3.10	1.00	3.10
TRACTORS	ACRE	4.46	1.00	4.46
LABOR(TRACTOR & MACHINERY)	HOURL	2.75	2.31	6.36
INTEREST ON OP. CAP.	DOL.	0.09	14.35	<u>1.36</u>
SUBTOTAL, PRE-HARVEST				\$ 31.78
HARVEST COSTS				\$
CUSTOM COMBINE	ACRE	7.50	1.00	7.50
CUSTOM HAUL	BU.	0.09	12.00	<u>1.08</u>
SUBTOTAL, HARVEST				\$ 8.58
TOTAL VARIABLE COST				\$ 40.36
3. INCOME ABOVE VARIABLE COSTS				\$ 31.64
4. FIXED COSTS				\$
MACHINERY	ACRE	4.75	1.00	4.75
TRACTORS	ACRE	3.23	1.00	3.23
LAND (NET RENT)	ACRE	15.00	0.50	<u>7.50</u>
TOTAL FIXED COSTS				\$ 15.48
5. TOTAL COSTS				\$ 55.83
6. NET RETURNS				\$ 16.17

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PROJECTED 1977

FLAX, 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
OFFSET DISC	3,34	AUG	1.00	0.447	0.248	1.53	1.70
PICKUP	10	AUG	0.10	0.125	0.100	0.38	0.16
OFFSET DISC	3,34	OCT	1.00	0.447	0.248	1.53	1.70
PICKUP	10	OCT	0.10	0.125	0.100	0.38	0.16
FERT. APPLI. RENTD	5,86	NOV	1.00	0.116	0.064	0.22	0.20
GRAIN DRILL	3,48	NOV	1.00	0.397	0.220	1.74	2.77
SPRAYER	5,50	NOV	1.00	0.279	0.155	0.65	0.79
PICKUP	10	NOV	0.10	0.125	0.100	0.38	0.16
PICKUP	10	FEB	0.10	0.125	0.100	0.38	0.16
PICKUP	10	JUNE	0.10	<u>0.125</u>	<u>0.100</u>	<u>0.38</u>	<u>0.16</u>
TOTALS				2.311	1.437	7.56	7.98

PREPARED BY ALAN REICHARDT, TAEX, WESLACO, TEXAS

PROJECTED 1977

BUDGET IDENTIFICATION NUMBER--- 9820170421700 0
ANNUAL CAPITAL MONTH 6