



TEXAS COASTAL BEND

FOREWORD

The enterprise budgets for Texas Coastal Bend 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.

TEXAS COASTAL BEND REGION

Assumed Prices Paid and Received by Farmers 1/

Item	Unit	Price
<u>Prices paid (1976)</u>		
Seed		
Cotton	lb.	\$.42
Grain Sorghum	lb.	.42
Flax	lb.	.30
Coastal Bermuda (sprigs & sprigging)	acre	20.00
Buffel Grass	lb. pls.	2.50
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.	5.00
Sevin	lb.	1.52
Disyston	gal.	17.80
Galecron	gal.	38.00
Bidrin	gal.	42.00
Gylox	gal.	11.70
Herbicides		
Treflan	qt.	7.50
Propazine	lb.	3.30
Aatrex	lb.	3.25
Atrazine	lb.	3.25
MSMA	gal.	7.95
Banvel	gal.	37.00
Caparol	lb.	3.55
Defoliants		
Def	gal.	12.45
Accellerate	gal.	6.80
Sodium Chlorate	gal.	1.20
Arsenic acid	gal.	4.25

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Item	Unit	Price
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
Motor Oil	gal.	2.00
Custom rates		
Combine Grain Sorghum	cwt.	.30
Combine Flax	acre	7.00
Haul Grain Sorghum	cwt.	.15
Haul Flax	bu.	.15
Cotton stripping	cwt. seed cotton	1.25
Cut, rake, bale hay (standard bales)	bale	.50
Haul hay (standard bales)	bale	.15
Material applications		
Insecticides	acre	1.50
Defoliant	acre	2.00
Herbicides	acre	1.75
<u>Prices received (1976)</u>		
Cotton	lb. lint	.45
Cotton seed	ton	100.00
Grain sorghum	cwt.	5.00
Hay	ton	55.00
Flax	bu.	5.50

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

TEXAS COASTAL BEND 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	\$12,950	5	4000	\$3.13	\$6.01
Tractor - 90 HP	11,000	6	4800	2.46	4.47
Tractor - 65 HP	8,000	10	5000	2.33	3.17
Tractor - 35 HP	4,100	15	7500	1.02	1.40
Pickup - 1/2 ton	5,100	3	3000	1.40	3.89
Shredder 4R - 13 feet	1,780	8	1600	1.51	.63
Moldboard plow - 5.3 feet	1,650	8	1600	1.39	.72
Bedder 6R - 20 feet	1,350	8	2400	.76	.37
Tandem disc 6R - 20 feet	2,000	8	2400	1.13	.42
Roller 6R - 20 feet	200	12	1200	.28	.09
Planter 6R - 20 feet	1,950	10	1400	2.12	.91
Row disc 6R - 20 feet	2,000	10	1200	2.53	.85
Cultivator 6R - 20 feet	1,650	10	1600	1.57	.67
Sprayer 6R - 20 feet	775	10	1000	1.18	.39

BUFFEL GRASS ESTAB., DRYLAND, TEXAS COASTAL BEND 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				
SEED	LBS.	2.50	4.00	10.00
BRUSH CLEARING	ACRE	50.00	1.00	50.00
MACHINERY	ACRE	1.17	1.00	1.17
TRACTORS	ACRE	1.77	1.00	1.77
LABOR (TRACTOR & MACHINERY)	HOURL	2.25	0.81	1.82
INTEREST ON OP. CAP.	DOL.	0.09	23.17	2.20
SUBTOTAL, PRE-HARVEST				\$ 66.96
HARVEST COSTS				\$ -----
SUBTOTAL, HARVEST				\$ 0.0
TOTAL VARIABLE COST				\$ 66.96
3. INCOME ABOVE VARIABLE COSTS				\$ -66.96
4. FIXED COSTS				\$
MACHINERY	ACRE	0.84	1.00	0.84
TRACTORS	ACRE	0.98	1.00	0.98
LAND (NET RENT)	ACRE	275.00	0.06	16.50
TOTAL FIXED COSTS				\$ 18.32
5. TOTAL COSTS				\$ 85.28
6. NET RETURNS				\$ -85.28

PROJECTED, 1976

BUFFEL GRASS ESTAB., DRYLAND, TEXAS COASTAL BEND 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 TRUCK	10	JAN	0.05	0.062	0.050	0.19	0.07
PICKUP TRUCK	10	FEB	0.05	0.062	0.050	0.19	0.07
TANDEM DISC 6P	2,37	MAR	2.00	0.311	0.207	1.20	0.85
PICKUP TRUCK	10	MAR	0.05	0.062	0.050	0.19	0.07
PLANTER 6R	2,40	APR	1.00	0.185	0.123	0.77	0.62
PICKUP TRUCK	10	APR	0.05	0.062	0.050	0.19	0.07
PICKUP TRUCK	10	MAY	0.05	0.062	0.050	0.19	0.07
TOTALS				0.808	0.580	2.94	1.82

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 8530180021800 0
ANNUAL CAPITAL MONTH 6

BUFFEL GRASS PASTURE, DRYLAND, TEXAS COASTAL BEND 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	\$
TOTAL				\$ <u>0.0</u>
2. VARIABLE COSTS				
PREHARVEST				\$
MACHINERY	ACRE	0.97	1.00	0.97
LABOR (TRACTOR & MACHINERY)	HOUR	2.25	0.31	0.70
OTHER LABOR	HOUR	2.00	0.50	1.00
INTEREST ON OP. CAP.	DOL.	0.09	0.32	<u>0.03</u>
SUBTOTAL, PRE-HARVEST				\$ 2.71
HARVEST COSTS				\$
SUBTOTAL, HARVEST				\$ <u>0.0</u>
TOTAL VARIABLE COST				\$ 2.71
3. BREAK-EVEN PRICE, VARIABLE COSTS	AUMS			1.083
4. FIXED COSTS				\$
MACHINERY	ACRE	0.35	1.00	0.35
TRACTORS	ACRE	0.0	1.00	0.0
PRORATED ESTAB. COST	ACRE	85.28	0.10	8.53
LAND (NET RENT)	ACRE	275.00	0.06	<u>16.50</u>
TOTAL FIXED COSTS				\$ 25.38
5. TOTAL COSTS				\$ 28.08
6. BREAK-EVEN PRICE, TOTAL COSTS	AUMS			11.233

ESTABLISHMENT COSTS PRORATED OVER TEN YEARS
INCOME REFLECTED IN LIVESTOCK BUDGETS.

PROJECTED 1976