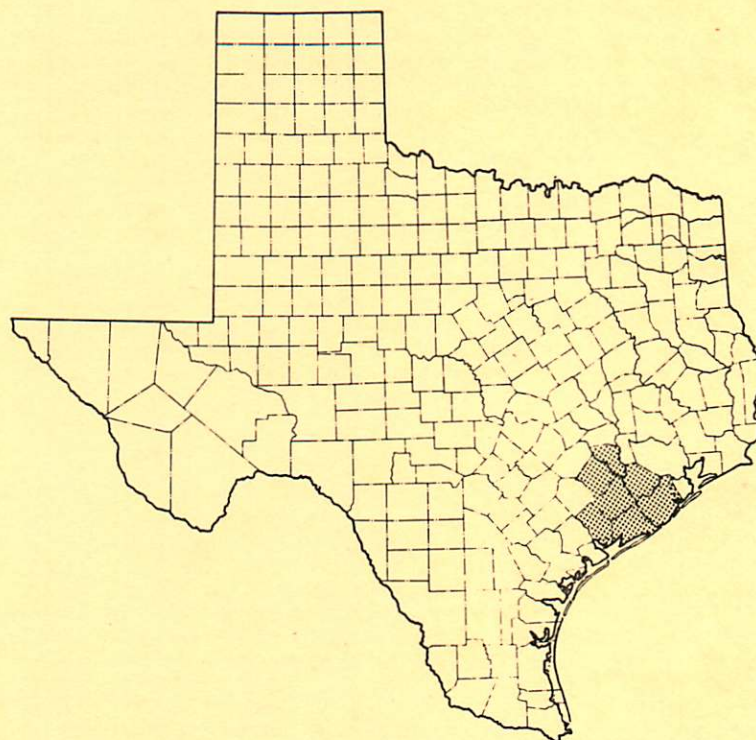




TEXAS MIDDLE GULF COAST

FOREWORD

The enterprise budgets for Texas Middle Gulf Coast 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 MIDDLE COAST REGION

Assumed Prices Paid and Received by Farmers 1/

Item	Unit	Price
<u>Prices Paid (1976)</u>		
Seed:		
Cottonseed (acid delinted)	lb.	\$.35
Grain Sorghum	lb.	.42
Soybeans	lb.	.20
Rice	lb.	.235
Fertilizer:		
Nitrogen	lb.	.21
Phosphorous	lb.	.16
Potassium	lb.	.07
6-24-24	lb.	.08
Herbicides:		
Propanil (3 lbs., 1e)	gal.	10.50
Ordram (Gran)	lb.	.35
Chiptox	gal.	7.70
MCPA	gal.	13.00
Treflan	gal.	27.00
Lorox	lb.	3.25
Lasso	gal.	15.50
Paraquat	gal.	43.00
Cobex	gal.	21.00
DSMA	gal.	4.37
Altrazine	lb.	2.88
Insecticides:		
Malathion (5 lbs., 1e)	gal.	9.50
Toxaphene (6 lbs., 1e)	gal.	5.60
6-3-Tox-Methyl	gal.	9.75
Furadan	lb.	.32
Methyl Parathion (4 lbs., 1e)	gal.	9.75
Benlate (50% W.P.)	lb.	8.00
Sevin	lb.	1.30
Custom Rates:		
Cotton Picking & Hauling	cwt.	9.00
Ginning	cwt.	1.50
Bagging & Ties	bale	9.50
Combining & Hauling	cwt.	.50
Drying - Sorghum	cwt.	.20
Drying - Rice	cwt.	.50
Hauling - Rice	cwt.	.16
Hauling - Soybeans	bu.	.10
Drying & Storage - Soybeans	bu.	.20

Item	Unit	Price
<u>Prices Received (1976)</u>		
Cotton=lint	lb.	\$.46
Seed (cotton)	lb.	.05
Grain Sorghum	cwt.	4.25
Soybeans	bu.	5.00
Rice	cwt.	9.75

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

TEXAS MIDDLE COAST 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 - 40 HP	\$ 5,500	15	2250	\$ 4.44	\$ 2.89
Tractor - 65 HP	6,666	10	5000	1.91	2.48
Tractor - 80 HP	12,111	6	4800	2.66	3.80
Tractor - 100 HP	14,444	6	3600	4.23	5.47
Tractor - 135 HP	20,000	6	3600	5.86	7.50
Tractor - 165 HP	27,390	6	4800	6.02	8.25
Tractor - 70 HP	9,808	10	8000	1.75	2.50
Pickup - 1/2 ton	5,100	4	3600	1.33	2.68
Combine - 16 feet	26,164	6	1050	27.80	9.04
Combine - 13 feet	18,000	5	1200	15.20	6.77
Blade (dozer) - 8 feet	924	10	2000	.69	.69
Spring T harrow - 16 feet	944	10	1250	1.12	.33
Spike T harrow - 16 feet	500	10	1400	.53	.16
Disc tandem - 14 feet	1,888	8	1280	1.95	.64
Disc tandem - 18 feet	2,444	8	1280	2.53	.83
Bed planter - 14 feet	3,240	5	1500	2.28	1.37
Spray rig - 16.7 feet	1,728	10	1200	2.14	.63
Offset disc - 14 feet	1,300	8	1280	1.35	.44
Planter - 18 feet	2,880	10	800	5.36	2.02
Planter - 24 feet	3,777	10	800	7.03	2.64
Land plane 6 - 12 feet	3,777	16	3200	2.25	.51
Cultivator - 18 feet	1,666	10	2000	1.24	.56
Rolling cult. - 20 feet	1,875	10	2000	1.40	.63
Bedder - 10 feet	850	10	2000	.64	.06
Cultivator - 24 feet	2,333	10	2000	1.74	.78
Sprayer (herb.) - 24 feet	500	10	1000	.75	.22
Levee plow - 10 feet	1,210	8	2160	.75	.24
Field cultivator - 18 feet	1,416	10	2000	1.06	.31
Field cultivator - 36 feet	3,564	6	600	6.79	2.55
Cultipacker - 14 feet	611	12	1680	.59	.16
Cultipacker - 18 feet	888	12	1680	.87	.23
Stalk shredder - 18 feet	2,175	6	1200	2.07	.79
Grain cart - 16 feet	1,320	10	3250	.61	.18
Shop equipment	5,250	8	4000	1.74	1.96
Levee box T-A - 5 feet	19	1	6	3.62	2.06

Plant Name	Height	Fl. Color	Fl. Size	Fl. Shape	Fl. Arr.	Fl. Pos.	Fl. Time	Fl. Notes
1. <i>Adiantum</i>	1.00	White	1.5	Elliptical	1	Stem	10	
2. <i>Asplenium</i>	1.50	White	2.0	Oval	2	Stem	15	
3. <i>Polypodium</i>	2.00	White	2.5	Elliptical	3	Stem	20	
4. <i>Marattia</i>	2.50	White	3.0	Elliptical	4	Stem	25	
5. <i>Phlegmaria</i>	3.00	White	3.5	Elliptical	5	Stem	30	
6. <i>Polypodium</i>	3.50	White	4.0	Elliptical	6	Stem	35	
7. <i>Adiantum</i>	4.00	White	4.5	Elliptical	7	Stem	40	
8. <i>Asplenium</i>	4.50	White	5.0	Oval	8	Stem	45	
9. <i>Polypodium</i>	5.00	White	5.5	Elliptical	9	Stem	50	
10. <i>Marattia</i>	5.50	White	6.0	Elliptical	10	Stem	55	
11. <i>Phlegmaria</i>	6.00	White	6.5	Elliptical	11	Stem	60	
12. <i>Polypodium</i>	6.50	White	7.0	Elliptical	12	Stem	65	
13. <i>Adiantum</i>	7.00	White	7.5	Elliptical	13	Stem	70	
14. <i>Asplenium</i>	7.50	White	8.0	Oval	14	Stem	75	
15. <i>Polypodium</i>	8.00	White	8.5	Elliptical	15	Stem	80	
16. <i>Marattia</i>	8.50	White	9.0	Elliptical	16	Stem	85	
17. <i>Phlegmaria</i>	9.00	White	9.5	Elliptical	17	Stem	90	
18. <i>Polypodium</i>	9.50	White	10.0	Elliptical	18	Stem	95	
19. <i>Adiantum</i>	10.00	White	10.5	Elliptical	19	Stem	100	
20. <i>Asplenium</i>	10.50	White	11.0	Oval	20	Stem	105	
21. <i>Polypodium</i>	11.00	White	11.5	Elliptical	21	Stem	110	
22. <i>Marattia</i>	11.50	White	12.0	Elliptical	22	Stem	115	
23. <i>Phlegmaria</i>	12.00	White	12.5	Elliptical	23	Stem	120	
24. <i>Polypodium</i>	12.50	White	13.0	Elliptical	24	Stem	125	
25. <i>Adiantum</i>	13.00	White	13.5	Elliptical	25	Stem	130	
26. <i>Asplenium</i>	13.50	White	14.0	Oval	26	Stem	135	
27. <i>Polypodium</i>	14.00	White	14.5	Elliptical	27	Stem	140	
28. <i>Marattia</i>	14.50	White	15.0	Elliptical	28	Stem	145	
29. <i>Phlegmaria</i>	15.00	White	15.5	Elliptical	29	Stem	150	
30. <i>Polypodium</i>	15.50	White	16.0	Elliptical	30	Stem	155	
31. <i>Adiantum</i>	16.00	White	16.5	Elliptical	31	Stem	160	
32. <i>Asplenium</i>	16.50	White	17.0	Oval	32	Stem	165	
33. <i>Polypodium</i>	17.00	White	17.5	Elliptical	33	Stem	170	
34. <i>Marattia</i>	17.50	White	18.0	Elliptical	34	Stem	175	
35. <i>Phlegmaria</i>	18.00	White	18.5	Elliptical	35	Stem	180	
36. <i>Polypodium</i>	18.50	White	19.0	Elliptical	36	Stem	185	
37. <i>Adiantum</i>	19.00	White	19.5	Elliptical	37	Stem	190	
38. <i>Asplenium</i>	19.50	White	20.0	Oval	38	Stem	195	
39. <i>Polypodium</i>	20.00	White	20.5	Elliptical	39	Stem	200	
40. <i>Marattia</i>	20.50	White	21.0	Elliptical	40	Stem	205	
41. <i>Phlegmaria</i>	21.00	White	21.5	Elliptical	41	Stem	210	
42. <i>Polypodium</i>	21.50	White	22.0	Elliptical	42	Stem	215	
43. <i>Adiantum</i>	22.00	White	22.5	Elliptical	43	Stem	220	
44. <i>Asplenium</i>	22.50	White	23.0	Oval	44	Stem	225	
45. <i>Polypodium</i>	23.00	White	23.5	Elliptical	45	Stem	230	
46. <i>Marattia</i>	23.50	White	24.0	Elliptical	46	Stem	235	
47. <i>Phlegmaria</i>	24.00	White	24.5	Elliptical	47	Stem	240	
48. <i>Polypodium</i>	24.50	White	25.0	Elliptical	48	Stem	245	
49. <i>Adiantum</i>	25.00	White	25.5	Elliptical	49	Stem	250	
50. <i>Asplenium</i>	25.50	White	26.0	Oval	50	Stem	255	

COTTON, DRYLAND, TEXAS LOWER GULF COAST REGION
ESTIMATED COSTS AND RETURNS PER ACRE
TYPICAL MANAGEMENT

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST
1. GROSS RECEIPTS FROM PRODUCTION				\$
COTTON LINT	LBS.	0.46	300.00	139.00
COTTON SEED	LBS.	0.05	480.00	<u>25.20</u>
TOTAL				\$ 163.20
2. VARIABLE COSTS				\$
PREHARVEST				
COTTON SEED	CWT.	26.50	0.35	9.27
NITROGEN	LBS.	0.21	50.00	10.50
PHOSPHATE	LBS.	0.16	68.00	10.88
POTASH (80PC)	ACRE	0.07	5.00	0.36
MALATHION	PINT	1.19	3.28	3.90
TOX-METHYL	ACRE	2.43	3.00	7.29
INSECT. - LATE	ACRE	1.04	2.00	2.08
HERB, PREMERGE	ACRE	7.13	1.00	7.13
HERB, POSTEMERGE	ACRE	2.19	1.00	2.19
CUST AIR INSECT	ACRE	1.60	4.00	6.40
MACHINERY	ACRE	5.99	1.00	5.99
TRACTORS	ACRE	17.63	1.00	17.63
LABOR (TRACTOR & MACHINERY)	HOURL	3.35	5.13	17.18
INTEREST ON OP. CAP.	DOL.	0.09	39.05	<u>3.51</u>
SUBTOTAL, PRE-HARVEST				\$ 104.33
HARVEST COSTS				\$
CUSTOM HARV&HAUL	CWT.	9.00	3.00	27.00
GIN, BAG, ETC.	BALE	33.25	0.60	<u>19.95</u>
SUBTOTAL, HARVEST				\$ 46.95
TOTAL VARIABLE COST				\$ 151.28
3. INCOME ABOVE VARIABLE COSTS				\$ 11.92
4. FIXED COSTS				\$
MACHINERY	ACRE	6.11	1.00	6.11
TRACTORS	ACRE	13.78	1.00	13.78
LAND (NET RENT)	ACRE	29.72	1.00	<u>29.72</u>
TOTAL FIXED COSTS				\$ 49.60
5. TOTAL COSTS				\$ 200.88
6. NET RETURNS				\$ -37.68

1/ LAND COST COMPUTED ON BASIS OF 25 PERCENT
PRODUCTION LESS A CORRESPONDING SHARE OF FERTILIZER,
INSECTICIDE AND GINNING COSTS.

PROJECTED, 1976

COTTON, DRYLAND, TEXAS LOWER GULF COAST 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
ROLLING CULT	5,58	NOV	1.00	0.217	0.145	1.39	1.22
PICKUP	11	NOV	0.10	0.125	0.100	0.27	0.13
BEDDER	5,59	DEC	1.00	0.387	0.258	2.34	1.98
SPRAY RIG	5,45	DEC	1.00	0.257	0.172	1.65	1.57
SPRAYER (HERB)	64	DEC	1.00	0.0	0.143	0.03	0.11
PICKUP	11	DEC	0.30	0.375	0.300	0.80	0.40
PICKUP	11	FEB	0.10	0.125	0.100	0.27	0.13
ROLLING CULT	5,58	MAR	1.00	0.217	0.145	1.39	1.22
PLANTER	5,55	MAR	1.00	0.161	0.107	1.25	1.51
PICKUP	11	MAR	0.20	0.250	0.200	0.54	0.26
CULTIVATOR	5,60	APR	1.00	0.179	0.119	1.16	1.04
SPRAYER (HERB)	64	APR	1.00	0.0	0.143	0.03	0.11
PICKUP	11	APR	0.10	0.125	0.100	0.27	0.13
CULTIVATOR	5,60	MAY	1.00	0.179	0.119	1.16	1.04
SPRAYER (HERB)	64	MAY	1.00	0.0	0.143	0.03	0.11
PICKUP	11	MAY	0.10	0.125	0.100	0.27	0.13
CULTIVATOR	5,60	JUNE	1.00	0.179	0.119	1.16	1.04
SPRAYER (HERB)	64	JUNE	1.00	0.0	0.143	0.03	0.11
PICKUP	11	JUNE	0.10	0.125	0.100	0.27	0.13
PICKUP	11	JULY	0.20	0.250	0.200	0.54	0.26
STALK SHREDDER	5,91	AUG	1.00	0.175	0.116	1.14	1.06
DISK TANDEM	34	AUG	1.00	0.0	0.146	0.09	0.29
BEDDER	5,59	AUG	1.00	0.387	0.258	2.34	1.98
PICKUP	11	AUG	0.30	0.375	0.300	0.80	0.40
ROLLING CULT	5,58	SEPT	1.00	0.217	0.145	1.39	1.22
PICKUP	11	SEPT	0.10	0.125	0.100	0.27	0.13
BEDDER	5,59	OCT	1.00	0.387	0.258	2.34	1.98
PICKUP	11	OCT	0.15	0.187	0.150	0.40	0.20
TOTALS				5.128	4.429	23.63	19.89

1/ LAND COST COMPUTED ON BASIS OF 25 PERCENT
PRODUCTION LESS A CORRESPONDING SHARE OF FERTILIZER,
INSECTICIDE AND GINNING COSTS.

PROJECTED, 1976

BUDGET IDENTIFICATION NUMBER--- 9310220022200 0
ANNUAL CAPITAL MONTH 10