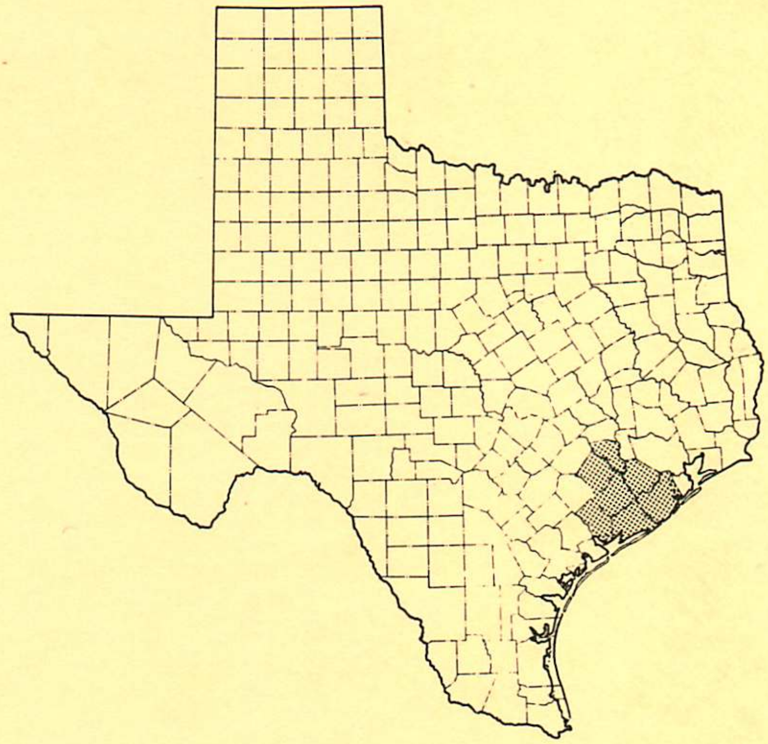

TEXAS MIDDLE GULF COAST

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 GULF COAST REGION

Assumed Prices Paid and Received by Farmers 1/

Item	Unit	Price
Prices Paid (1978)		
Seed		
Cottonseed (acid delinted)	lb.	$ .45
Grain Sorghum	lb.	.48
Rice	lb.	.20
Soybeans	lb.	.16
Fertilizer		
Nitrogen	lb.	.20
Phosphorous	lb.	.19
Potassium	lb.	.08
6-24-24	lb.	.08
Herbicides		
Propanil (4 lbs., ie)	gal.	8.00
Ordram (10% Granules)	lb.	.30
MCPA	gal.	8.00
Treflan	gal.	25.33
Lorox	lb.	4.00
Lasso	gal.	15.90
Cobex	gal.	1.15
DSMA (4 lbs, ie)	gal.	3.90
Altrazine	lb.	2.40
Insecticides		
Malathion (5 lbs., ie)	gal.	10.15
Toxaphene (6 lbs., ie)	gal.	5.15
4-4-Tox-Methyl	gal.	10.00
Furadan	lb.	.60
Methyl Parathion (4 lbs., ie)	gal.	8.25
Benlate (50% W.P.)	lb.	7.25
Sevin	lb.	1.85

TEXAS MIDDLE GULF COAST REGION

Item	Unit	Price
Custom Rates		
Cotton, Picking & Hauling	cwt. lint cttn.	$ 9.00
Ginning, Bag, Etc.	bale	32.64
Combining & Hauling-Sorghum	cwt.	.50
Drying-Sorghum	cwt.	.22
Drying-Rice	cwt.	.55
Hauling-Rice	cwt.	.20
Hauling-Soybeans	bu.	.12
Drying & Storage-Soybeans	bu.	.25
Fuel		
Gasoline	gal.	.54
Diesel	gal.	.40
Prices Received (1978)		
Cotton-Lint	lb.	.46
Seed (Cotton)	ton	60.00
Grain Sorghum	cwt.	3.50
Soybeans	bu.	4.75
Rice	cwt.	8.45

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

TEXAS MIDDLE GULF COAST 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 - 40 HP	1	$ 5,500	15	7500	$ 1.33	$ 1.69
Tractor - 65 HP	2	6,666	10	6000	1.59	2.25
Tractor - 80 HP	3	12,111	6	3600	3.54	2.81
Tractor - 100 HP	4	14,444	6	4200	3.63	3.59
Tractor - 135 HP	5	20,000	6	4200	5.03	4.91
Tractor - 165 HP	6	27,390	6	6000	4.81	7.10
Tractor - 70 HP	7	9,808	10	6000	2.33	2.77
Pickup - 1/2 Ton	11	5,100	4	3600	1.33	1.44
Combine - 16 Ft.	17	34,008	6	1350	28.10	8.26
Combine - 13 Ft.	19	34,008	5	1125	30.62	7.14
Blade (Dozer) - 8 Ft.	30	924	10	2000	.69	.69
Spring T Harrow - 16 Ft.	31	944	10	1250	1.12	.33
Spike T Harrow - 16 Ft.	33	500	10	1400	.53	.16
Disc Tandem - 14 Ft.	34	1,888	8	1280	1.95	.64
Disc Tandem - 18 Ft.	35	2,444	8	1280	2.53	.83
Bed Planter - 14 Ft.	43	3,240	5	1500	2.28	1.37
Spray Rig - 16.7 Ft.	45	1,728	10	1200	2.14	.63

(Continued)

Texas Middle Gulf Coast Region

(Continued)

Machinery Item and Size	Item No.	Purchase Price	Estimated Years of Use	Estimated Hours of Use	Fixed Costs Per Hour	Variable Costs q Per Hour
Offset Disc - 14 Ft.	50	$ 1,300	8	1280	$ 1.35	$ .44
Planter - 18 Ft.	52	2,880	10	800	5.36	2.02
Planter - 24 Ft.	55	3,777	10	800	7.03	2.64
Land Plane 6 - 12 Ft.	56	3,777	16	3200	2.25	.51
Cultivator - 18 Ft.	57	1,666	10	2000	1.24	.56
Rolling Cult. - 20 Ft.	58	1,875	10	2000	1.40	.63
Bedder - 10 Ft.	59	850	10	2000	.64	.06
Cultivator - 24 Ft.	60	2,333	10	2000	1.74	.78
Sprayer (Herb) - 24 Ft.	64	500	10	1000	.75	.22
Levee Plow - 10 Ft.	66	1,210	8	2160	.75	.24
Field Cult. - 18 Ft.	67	1,416	10	2000	1.06	.31
Field Cult. - 36 Ft.	70	3,564	6	600	6.79	2.55
Cultipacker - 14 Ft.	76	611	12	1680	.59	.16
Cultipacker - 18 Ft.	87	888	12	1680	.87	.23
Stalk Shredder - 18 Ft.	91	2,175	6	1200	2.07	.79
Grain Cart - 16 Ft.	92	1,320	10	3250	.61	.18
Shop Equipment	98	5,250	8	4000	1.74	1.96
Levee Box T-A - 5 Ft.	99	19	6	6	3.62	2.06

COTTON, DRYLAND, TEXAS MIDDLE 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	138.00
COTTON SEED	TON	60.00	0.24	14.40
TOTAL				$ 152.40
2. VARIABLE COSTS				
PREHARVEST				$
COTTON SEED	CWT.	45.00	0.35	15.75
NITROGEN	LBS.	0.20	50.00	10.00
PHOSPHATE	LBS.	0.19	68.00	12.92
POTASH	ACRE	0.08	5.00	0.40
MALATHION	ACRE	3.87	2.00	7.74
TOX-METHYL	ACRE	3.33	2.00	6.66
INSECT. - LATE	ACRE	2.06	2.00	4.12
HERB. PREMERGE	ACRE	6.33	1.00	6.33
HERB. POSTEMERGE	ACRE	1.22	1.00	1.22
CUST AIR INSECT	ACRE	1.95	3.00	5.85
MACHINERY	ACRE	3.82	1.00	3.82
TRACTORS	ACRE	11.54	1.00	11.54
LABOR(TRACTOR & MACHINERY)	HOUR	5.06	5.13	25.95
INTEREST ON OP. CAP.	DOL.	0.09	40.74	3.67
SUBTOTAL, PRE-HARVEST				$ 115.96
HARVEST COSTS				$
CUSTOM HARV&HAUL	CWT.	9.00	3.00	27.00
GIN, BAG, ETC.	BALE	32.64	0.60	19.58
SUBTOTAL, HARVEST				$ 46.58
TOTAL VARIABLE COST				$ 162.54
3. INCOME ABOVE VARIABLE COSTS				$ -10.14
4. FIXED COSTS				$
MACHINERY	ACRE	6.11	1.00	6.11
TRACTORS	ACRE	11.81	1.00	11.81
LAND (NET RENT)	ACRE	22.74	1.00	22.74
TOTAL FIXED COSTS				$ 40.66
5. TOTAL COSTS				$ 203.21
6. NET RETURNS				$ -50.81

LAND RENT BASED ON LANDLORDS SHARE OF 1/4 GROSS INCOME LESS 1/4 OF FERTILIZER, INSECTICIDE, AND GINNING. GOV'T PYMNT NOT INCLUDED.
PREPARED BY DR. ARTHUR GERLOW, TAEX, BRYAN, TEXAS PROJECTED 1978

COTTON, DRYLAND, TEXAS MIDDLE 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	0.94	1.07
PICKUP	11	NOV	0.10	0.125	0.100	0.14	0.13
BEDDER	5,59	DEC	1.00	0.387	0.258	1.53	1.72
SPRAY RIG	5,45	DEC	1.00	0.257	0.172	1.12	1.40
SPRAYER (HERB)	64	DEC	1.00	0.0	0.143	0.03	0.11
PICKUP	11	DEC	0.30	0.375	0.300	0.43	0.40
PICKUP	11	FEB	0.10	0.125	0.100	0.14	0.13
ROLLING CULT	5,58	MAR	1.00	0.217	0.145	0.94	1.07
PLANTER	5,55	MAR	1.00	0.161	0.107	0.92	1.40
PICKUP	11	MAR	0.20	0.250	0.200	0.29	0.26
CULTIVATOR	5,60	APR	1.00	0.179	0.119	0.79	0.92
SPRAYER (HERB)	64	APR	1.00	0.0	0.143	0.03	0.11
PICKUP	11	APR	0.10	0.125	0.100	0.14	0.13
CULTIVATOR	5,60	MAY	1.00	0.179	0.119	0.79	0.92
SPRAYER (HERB)	64	MAY	1.00	0.0	0.143	0.03	0.11
PICKUP	11	MAY	0.10	0.125	0.100	0.14	0.13
CULTIVATOR	5,60	JUNE	1.00	0.179	0.119	0.79	0.92
SPRAYER (HERB)	64	JUNE	1.00	0.0	0.143	0.03	0.11
PICKUP	11	JUNE	0.10	0.125	0.100	0.14	0.13
PICKUP	11	JULY	0.20	0.250	0.200	0.29	0.26
STALK SHREDDER	5,91	AUG	1.00	0.175	0.116	0.78	0.94
DISK TANDEM	34	AUG	1.00	0.0	0.146	0.09	0.29
BEDDER	5,59	AUG	1.00	0.387	0.258	1.53	1.72
PICKUP	11	AUG	0.30	0.375	0.300	0.43	0.40
ROLLING CULT	5,58	SEPT	1.00	0.217	0.145	0.94	1.07
PICKUP	11	SEPT	0.10	0.125	0.100	0.14	0.13
BEDDER	5,59	OCT	1.00	0.387	0.258	1.53	1.72
PICKUP	11	OCT	0.15	0.187	0.150	0.22	0.20
TOTALS				5.128	4.429	15.36	17.92

LAND RENT BASED ON LANDLORDS SHARE OF 1/4 GROSS INCOME LESS 1/4 OF FERTILIZER, INSECTICIDE, AND GINNING. GOV'T PYMNT NOT INCLUDED.
PREPARED BY DR. ARTHUR GERLOW, TAEX, BRYAN, TEXAS PROJECTED 1978

BUDGET IDENTIFICATION NUMBER--- 9310220022200 0
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