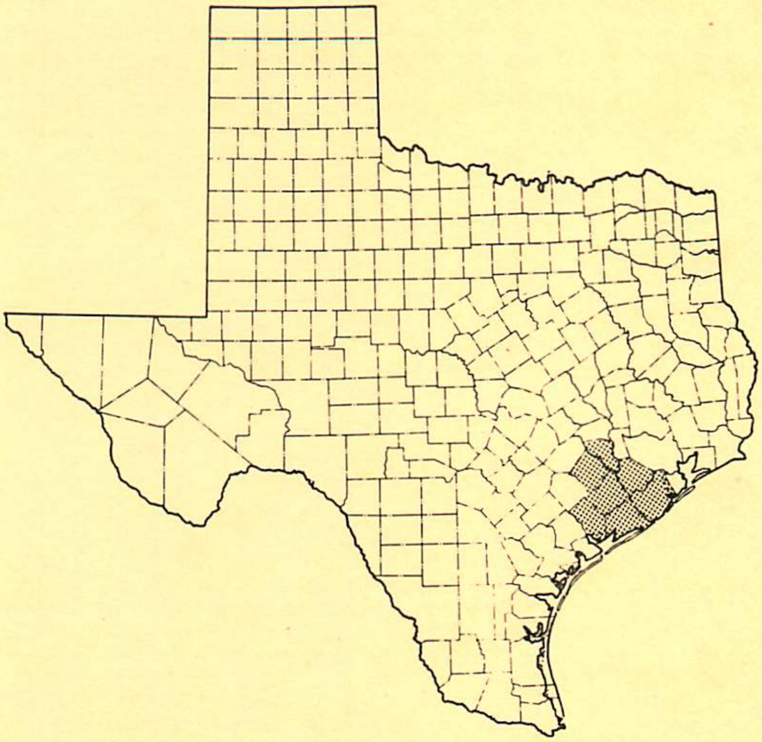

# TEXAS MIDDLE GULF COAST

## 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 |
|---|---|---|
| Prices Paid (1976) | | |
| 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., ie) | 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., ie) | gal. | 9.50 |
| Toxaphene (6 lbs., ie) | gal. | 5.60 |
| 6-3-Tox-Methyl | gal. | 9.75 |
| Furadan | lb. | .32 |
| Methyl Parathion (4 lbs., ie) | gal. | 9.75 |
| Benlate (50% W.P.) | lb. | 8.00 |
| Sevin | lb. | 1.30 |
| Custom Rates: | | |
| Cotton Picking & Hualing | 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 |
|---|---|---|
| Prices Received (1976) | | |
| 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 |

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 | 138.00 |
| COTTON SEED | LBS. | 0.05 | 480.00 | 25.20 |
| 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) | HOUR | 3.35 | 5.13 | 17.18 |
| INTEREST ON OP. CAP. | DOL. | 0.09 | 39.05 | 3.51 |
| 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 | 19.95 |
| 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 | 29.72 |
| 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--- 93102 20022200 0
ANNUAL CAPITAL MONTH 10