

Table 1. Parameters

| | |
|---|------|
| Diesel Fuel (DI) Price(\$/gal): | 1.00 |
| Electricity (EL) Price(\$/kWh): | 0.07 |
| Gasoline (GA) Price.(\$/gal): | 1.50 |
| LP Gas (LP) Price.(\$/gal): | 1.25 |
| Natural Gas (NG) Price(\$/Mcf): | 3.00 |
| Operator Labor (OL) Wage Rate. . . (\$/hr): | 6.00 |
| Hand Labor (HL) Wage Rate.(\$/hr): | 6.00 |
| Irrigation Labor (IL) Wage Rate. . (\$/hr): | 6.00 |
| Owner Labor (WL) Wage Rate (\$/hr): | 6.00 |
| Short-term Interest Rate(%): | 9.50 |
| Intermediate-term Interest Rate. . . .(%): | 9.50 |
| Comment at End of Table Titles: | |
| Comment at End of Tables: | |

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Table 2. Self-Propelled Machines

| RECORD NUM | ITEM NAME | SIZE | PERF RATE | FUEL TYPE | FUEL CONS RATE | LABOR TYPE | LABOR MULT | PURCHASE PRICE | SV RATE | R&M RATE | USEFUL LIFE | ANNUAL USE |
|---------------|-----------------|-------|--------------|--------------|----------------------|---------------|---------------|-------------------|------------|-------------|----------------|---------------|
| 10 | 4-Wheeler | | 1.0000 | GA | 10.00 | OL | 1.00 | 4000.00 | 38.00 | 38.00 | 5.00 | 200.00 |
| 12 | Cotton Picker | 4 row | 0.2500 | DI | 12.00 | OL | 0.00 | 258910.00 | 30.00 | 15.00 | 10.00 | 600.00 |
| 11 | Cotton Stripper | 8 row | 0.4000 | DI | 16.00 | OL | 0.00 | 125100.00 | 80.00 | 24.00 | 10.00 | 600.00 |
| 3 | pickup #1 | | 0.0067 | GA | 15.00 | OL | 0.00 | 30000.00 | 24.00 | 8.40 | 5.00 | 1500.00 |
| 4 | pickup #2 | | 0.0067 | GA | 15.00 | OL | 0.00 | 10000.00 | 17.00 | 8.40 | 5.00 | 1500.00 |

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Table 3. Tractors

| RECORD NUM | ITEM NAME | SIZE | FUEL TYPE | FUEL CONS RATE | LABOR TYPE | LABOR MULT | PURCHASE PRICE | SV RATE | R&M RATE | USEFUL LIFE | ANNUAL USE |
|---------------|-----------|--------|--------------|----------------------|---------------|---------------|-------------------|------------|-------------|----------------|---------------|
| 4 | tractor | 140 hp | DI | 7.00 | OL | 1.00 | 75400.00 | 38.0 | 60.00 | 10.00 | 300.00 |
| 5 | tractor | 160 hp | DI | 8.25 | OL | 1.00 | 90000.00 | 38.0 | 60.00 | 7.00 | 300.00 |
| 2 | tractor- | 150 | DI | 7.72 | OL | 1.00 | 81900.00 | 51.0 | 24.00 | 10.00 | 400.00 |
| 1 | tractor- | 180 | DI | 8.50 | OL | 1.00 | 112500.00 | 46.0 | 31.00 | 10.00 | 600.00 |

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Table 4. Implements

| RECORD NUM | ITEM NAME | SIZE | PERF RATE | TRAC NUM | TRAC MULT | FUEL MULT | LABOR TYPE | ADD LABOR | PURCHASE PRICE | SV RATE | R&M RATE | USEFUL LIFE | ANNUAL USE |
|---------------|----------------------|------------|--------------|-------------|--------------|--------------|---------------|--------------|-------------------|------------|-------------|----------------|---------------|
| 5 | 3-pt. Sprayer- | 60 ft | 0.1250 | 2 | 1.00 | 1.00 | | 0.00 | 7450.00 | 10.00 | 47.00 | 7.00 | 200.00 |
| 14 | bedder | | 0.0572 | 1 | 1.00 | 1.00 | OL | 1.20 | 13500.00 | 10.00 | 80.00 | 7.00 | 200.00 |
| 8 | boll buggy- | | 0.0333 | 2 | 1.00 | 1.00 | | 0.00 | 15300.00 | 45.00 | 46.00 | 10.00 | 300.00 |
| 2 | chisel | | 0.1333 | 1 | 1.00 | 1.00 | | 0.00 | 5000.00 | 10.00 | 70.00 | 10.00 | 200.00 |
| 20 | Chisel/Ripper- | 11 shank | 0.0996 | 1 | 1.00 | 1.00 | OL | 1.20 | 8100.00 | 10.00 | 22.00 | 7.00 | 100.00 |
| 18 | Disc - Offset- | 19 ft | 0.1380 | 2 | 1.00 | 1.00 | OL | 1.20 | 18000.00 | 10.00 | 27.00 | 7.00 | 200.00 |
| 12 | disc - Tandem- | 23 ft | 0.1380 | 1 | 1.00 | 1.00 | | 0.00 | 24300.00 | 10.00 | 27.00 | 7.00 | 200.00 |
| 32 | Drill - | 16 ft | 0.0500 | 2 | 0.00 | 0.00 | | 0.00 | 11700.00 | 37.00 | 30.00 | 10.00 | 300.00 |
| 11 | fertilizer rig | | 0.0337 | 2 | 1.00 | 1.00 | | 0.00 | 2000.00 | 10.00 | 60.00 | 10.00 | 250.00 |
| 30 | field cultivator | | 0.0654 | 5 | 1.00 | 1.00 | | 1.20 | 3300.00 | 38.00 | 70.00 | 7.00 | 200.00 |
| 13 | field cultivator- | 31 ft | 0.0654 | 1 | 1.00 | 1.00 | OL | 1.20 | 21000.00 | 10.00 | 23.00 | 7.00 | 200.00 |
| 19 | float- | | 0.1380 | 1 | 1.00 | 1.00 | OL | 1.10 | 10000.00 | 35.00 | 35.00 | 7.00 | 200.00 |
| 24 | Fresno-box Scraper- | | 0.3273 | 1 | 1.00 | 1.00 | | 1.20 | 2175.00 | 38.00 | 70.00 | 10.00 | 200.00 |
| 22 | Land Plane- | | 0.1181 | 1 | 1.00 | 1.00 | | 1.20 | 40000.00 | 38.00 | 70.00 | 10.00 | 200.00 |
| 7 | lister- | 8 row | 0.1333 | 1 | 1.00 | 1.00 | | 0.00 | 6000.00 | 50.00 | 80.00 | 10.00 | 200.00 |
| 31 | Module Builder- | w/autotamp | 0.1292 | 2 | 0.00 | 1.00 | HL | 0.00 | 23400.00 | 45.00 | 30.00 | 10.00 | 300.00 |
| 21 | moldboard- | 6 bottom | 0.2864 | 1 | 1.00 | 1.00 | OL | 1.20 | 13050.00 | 38.00 | 70.00 | 10.00 | 200.00 |
| 3 | planter / replanter- | 8 row | 0.1375 | 2 | 1.00 | 1.00 | | 0.00 | 23400.00 | 40.00 | 21.00 | 7.00 | 50.00 |
| 25 | Rear Blade | | 0.0996 | 2 | 1.00 | 1.00 | | 1.20 | 2500.00 | 38.00 | 70.00 | 7.00 | 100.00 |
| 10 | replant row cultivat | | 0.1375 | 2 | 1.00 | 1.00 | | 0.00 | 7500.00 | 15.00 | 80.00 | 7.00 | 100.00 |
| 34 | Rolling Cultivator | | 0.0000 | 2 | 0.00 | 0.00 | | 0.00 | 10500.00 | 52.00 | 48.00 | 10.00 | 300.00 |
| 26 | Rotary hoe- | 30 ft | 0.1473 | 5 | 1.00 | 1.00 | | 1.20 | 5175.00 | 38.00 | 39.00 | 10.00 | 200.00 |
| 4 | row cultivator- | | 0.1031 | 2 | 1.00 | 1.00 | | 0.00 | 7500.00 | 20.00 | 33.00 | 7.00 | 180.00 |
| 28 | scratcher- | 17 row | 0.0572 | 4 | 1.00 | 1.00 | | 1.20 | 7920.00 | 38.00 | 33.00 | 7.00 | 200.00 |
| 27 | shank cultivator- | | 0.1473 | 1 | 1.00 | 1.00 | | 1.20 | 13900.00 | 38.00 | 70.00 | 10.00 | 200.00 |
| 1 | shredder - | 25 ft | 0.1495 | 2 | 1.00 | 1.00 | | 0.00 | 17640.00 | 10.00 | 40.00 | 7.00 | 200.00 |
| 23 | sprayer | | 0.1577 | 2 | 1.00 | 1.00 | | 1.20 | 3500.00 | 38.00 | 70.00 | 7.00 | 100.00 |
| 29 | spring tooth- | | 0.1100 | 1 | 1.00 | 1.00 | | 1.20 | 2500.00 | 38.00 | 70.00 | 7.00 | 200.00 |
| 9 | springtooth harrow- | 30 ft | 0.1667 | 2 | 1.00 | 1.00 | | 0.00 | 7200.00 | 20.00 | 35.00 | 10.00 | 150.00 |
| 15 | stalk chopper/bedder | | 0.0572 | 1 | 1.00 | 1.00 | OL | 1.20 | 11000.00 | 40.00 | 80.00 | 7.00 | 200.00 |
| 16 | stalk cutter/chp'r- | | 0.1200 | 2 | 1.00 | 1.00 | OL | 0.00 | 7500.00 | 40.00 | 47.00 | 7.00 | 200.00 |
| 17 | sweep/field cultivt- | | 0.0654 | 1 | 1.00 | 1.00 | OL | 0.00 | 12000.00 | 10.00 | 30.00 | 7.00 | 200.00 |

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Table 5. Operating Inputs

| RECORD | | UNIT | PRICE | COST | |
|---------------------|----------------------|---------|-------|--------|---------|
| NUM | ITEM NAME | | | YIELD? | COMMENT |
| CROP INSURANCE | | | | | |
| 76 | 2nd planting - 25%BT | lb. | 2.35 | | |
| 4 | crop insurance | acre | 18.00 | | |
| 53 | crop insurance-cotto | acre | 18.00 | | |
| 54 | MPCI 65% | acre | 13.00 | | |
| 74 | pima cotton | lb. | 0.55 | | |
| 29 | seed cttn furrow 2nd | lb. | 1.35 | | |
| CUSTOM | | | | | |
| 51 | Aerial Spraying | acre | 4.00 | | |
| 35 | custom combine | acre | 20.00 | | |
| 37 | custom combine-Lesqu | acre | 13.00 | | |
| 38 | custom haul - laqu | bushel | 0.13 | | |
| 36 | custom hauling | ton | 16.00 | | |
| 50 | fert. spreader | acre | 0.75 | | |
| 44 | gin,bag,tie-furrow | acre | 46.83 | | |
| 46 | gin,bag,tie-pima | cwt | 3.30 | | |
| 48 | gin,bag,tie-skip row | acre | 12.73 | | |
| 49 | gin,bag,tie-transgen | acre | 84.68 | | |
| 52 | harvest aid | acre | 3.50 | | |
| 47 | module haul - pima | bale | 55.00 | | |
| 45 | module hauling-furro | module | 30.00 | | |
| 34 | Spray Head Moth | acre | 4.50 | | |
| FERTILIZER | | | | | |
| 73 | booster shot of N | lb. | 0.13 | | |
| 72 | N21,P15,K7 | lb. | 0.12 | | |
| 31 | N32 in water | lb. | 0.18 | | |
| 24 | nitrogen | lb. | 0.15 | | |
| 71 | nitrogen - cotton | lb. | 0.18 | | |
| 25 | phosphate | lb. | 0.29 | | |
| 41 | postplant-fert | lb. | 0.23 | | |
| 40 | preplant-fert | lb. | 0.23 | | |
| 26 | sulphuric acid | lb. | 1.00 | | |
| Harvest Chemical | | | | | |
| 3 | cyclone defoliant | oz. | 0.25 | | |
| 56 | defoliant | pint | 1.00 | | |
| HARVEST | | | | | |
| 2 | cttn hvst. var. cost | lb. | 0.05 | | |
| 1 | custom ginning | lb. | 0.09 | | |
| HERBICIDES | | | | | |
| 19 | death and prep | pints | 1.00 | | |
| 18 | pix | qts. | 1.00 | | |
| 8 | roundup | pt | 2.67 | | |
| 9 | RU banded w/ planter | pt. | 1.00 | | |
| 12 | RU banded with repla | pt. | 1.00 | | |
| 11 | spot spray | pt | 1.50 | | |
| INSECTICIDES | | | | | |
| 80 | bollweevil | acre | 20.00 | | |
| 10 | insecticide | pt. | 1.00 | | |
| 63 | insecticide -cotton | pint | 2.50 | | |
| Irrigation Energy | | | | | |
| 81 | Electricity-TP | \$/ac-i | 6.65 | | |
| Labor | | | | | |
| 82 | Irrigation Labor | Hr/ac | 7.00 | | |
| Miscellaneous | | | | | |
| 55 | excess water | ac-in. | 1.25 | | |
| Preharvest Chemical | | | | | |
| 64 | broadcast prowl | pint | 2.88 | | |
| 43 | broadleaf goal | lb. | 20.00 | | |
| 68 | cyclone - direx | pint | 1.00 | | |
| 70 | flea hopper | acre | 1.00 | | |
| 17 | flea hopper insect | pts. | 1.00 | | |
| 58 | insecticide-gin | acre | 1.00 | | |
| 32 | Parathon/Scout extra | pint | 8.50 | | |
| 65 | pix | oz | 1.16 | | |
| 67 | pix - transgenic | acre | 8.00 | | |
| 33 | Prowl Banded | quart | 1.50 | | |
| 69 | roundup | ounce | 1.00 | | |
| 66 | roundup (4 leaf) | pint | 2.67 | | |
| 59 | spot spray - furrow | acre | 10.00 | | |

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| | | | |
|------|----------------------|------|------|
| 60 | spot spray w caperol | pint | 1.00 |
| 62 | spot spray-nonrr | acre | 2.50 |
| 61 | spot spray-rr | acre | 1.50 |
| 42 | Treflan | pint | 3.50 |
| 57 | Treflan - cotton | pint | 1.00 |
| SEED | | | |
| 75 | 2nd planting - 25% f | lb. | 1.10 |
| 78 | 2nd planting non rr | lb. | 0.24 |
| 77 | cotton seed non rr | lb. | 0.24 |
| 39 | lesquerella | lb. | 1.00 |
| 14 | seed (1st plant. Bt) | lb. | 2.35 |
| 5 | seed (1st planting) | lb. | 1.10 |
| 15 | seed (2nd plant. Bt) | lb. | 2.35 |
| 6 | seed (replant) | lb. | 0.24 |
| 28 | seed ctn furrow 1st | lb. | 1.35 |
| 79 | seed-pima cotton | lb. | 0.55 |
| 30 | sunflower | lb. | 1.11 |

Replant not Roundup-Ready

Table 6. Other Durable Inputs

| RECORD NUM | ITEM NAME | UNIT | FUEL TYPE | FUEL CONS RATE | R&M COST | LABOR TYPE | LABOR USE | FIXED COST /UNIT | FIXED COST /ACRE | COMMENT |
|---------------|----------------------|-------|--------------|----------------------|-------------|---------------|--------------|------------------------|------------------------|---------|
| 7 | Furrow Irr (TP) | ac-in | EL | 73.8889 | 0.190 | IL | 0.0770 | 0.000 | 11.25 | |
| 8 | Furrow Irr - St L | ac-in | EL | 88.5556 | 0.228 | IL | 0.1250 | 0.000 | 8.00 | |
| 5 | irrg- elec(ST L. SDI | ac-in | EL | 88.5556 | 1.000 | IL | 0.0177 | 0.000 | 60.83 | |
| 4 | irrigation lp | ac-in | LP | 1.0000 | 2.030 | IL | 0.0640 | 3.550 | 0.00 | |

Table 7. Operating Input Categories

| RECORD | |
|--------|---------------------|
| NUM | ITEM NAME |
| 2 | CROP INSURANCE |
| 5 | CUSTOM |
| 12 | FERTILIZER |
| 8 | HARVEST |
| 14 | Harvest Chemical |
| 3 | HERBICIDES |
| 4 | INSECTICIDES |
| 16 | Irrigation Energy |
| 10 | IRRIGATION WATER |
| 17 | Labor |
| 15 | Miscellaneous |
| 13 | Preharvest Chemical |
| 1 | SEED |

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Table 8. Products

| RECORD | | | PRICES | | | | | | | |
|--------|------------------|------|--------|----------|------|---------|------|---------|------|---------|
| NUM | ITEM NAME | UNIT | BUDGET | CONTRACT | LOAN | FUTURES | HIGH | AVERAGE | LOW | COMMENT |
| 2 | cotton lint | lb. | 0.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1 | cotton seed | lb | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4 | lesquerella | lbs. | 0.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5 | pima cotton lint | lb. | 0.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 6 | pima cotton seed | lb. | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | sunflower | lb. | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

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Table 9. Allocated Cost Items

| RECORD NUM | ITEM NAME | CALC NUM | DOLLARS PER ACRE | % OF INCOME | % OF DIRECT EXPENSES | % OF TOTAL EXPENSES |
|---------------|----------------------|-------------|---------------------|----------------|----------------------------|---------------------------|
| 4 | cash rent - lesquere | 1 | 40.00 | 0.00 | 0.00 | 0.00 |
| 3 | cash rent - sunflowe | 1 | 50.00 | 0.00 | 0.00 | 0.00 |
| 6 | lease - drip cotton | 1 | 50.00 | 0.00 | 0.00 | 0.00 |
| 5 | lease - dryland cott | 1 | 15.00 | 0.00 | 0.00 | 0.00 |
| 7 | lease - furrow cotto | 1 | 50.00 | 0.00 | 0.00 | 0.00 |
| 8 | lease - pima cotton | 1 | 100.00 | 0.00 | 0.00 | 0.00 |
| 1 | Prop. Tax Dry Land | 1 | 15.00 | 0.00 | 0.00 | 0.00 |
| 2 | Prop. Tax Irrigated | 1 | 50.00 | 0.00 | 0.00 | 0.00 |

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