

Table 7.A Estimated costs and returns per Acre
Cotton, Sprinkler Irrigated
2008 Projected Costs and Returns per Acre

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| cotton lint - irr. | lb. | 0.52 | 800.0000 | 416.00 | _____ |
| cottonseed | ton | 110.00 | 0.6000 | 66.00 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 482.00 | _____ |
| DIRECT EXPENSES | | | | | |
| custom | | | | | |
| fert. application | acre | 3.50 | 1.0000 | 3.50 | _____ |
| insec. appl. | acre | 3.50 | 3.0000 | 10.50 | _____ |
| harvest aid applicat | acre | 3.50 | 1.0000 | 3.50 | _____ |
| picking - custom | lb. | 0.10 | 800.0000 | 80.00 | _____ |
| herbicide | | | | | |
| herb. - cot. roundup | pint | 1.50 | 1.5000 | 2.25 | _____ |
| Harvest aid - Prep | pint | 6.25 | 1.3300 | 8.31 | _____ |
| Harvest aid -def | pint | 6.25 | 1.3300 | 8.31 | _____ |
| insecticide | | | | | |
| insect. - cotton | lb. | 5.00 | 3.0000 | 15.00 | _____ |
| Bollweevil Erad. | acre | 10.00 | 1.0000 | 10.00 | _____ |
| seed | | | | | |
| cotton seed count | 100 | 0.15 | 500.0000 | 75.00 | _____ |
| fertilizer | | | | | |
| fertilizer (N) | lb. | 0.50 | 75.0000 | 37.50 | _____ |
| fertilizer (P) | lb. | 0.29 | 60.0000 | 17.40 | _____ |
| potash (K) | lb. | 0.52 | 40.0000 | 20.80 | _____ |
| sulfur | lb. | 0.08 | 12.0000 | 0.96 | _____ |
| insurance | | | | | |
| crop insu. - irr cot | acre | 15.00 | 1.0000 | 15.00 | _____ |
| harvest | | | | | |
| gin, bag, ties | lb. | 0.12 | 800.0000 | 96.00 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 9.10 | 1.0756 | 9.78 | _____ |
| Tractors | hour | 9.10 | 0.8964 | 8.15 | _____ |
| Self-Propelled Eq. | hour | 9.10 | 0.2030 | 1.84 | _____ |
| IRRIGATION LABOR | | | | | |
| irrigation | hour | 9.10 | 0.9600 | 8.73 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 3.00 | 5.9969 | 17.99 | _____ |
| ELECTRICITY | | | | | |
| irrigation | kWh | 0.10 | 246.0000 | 25.83 | _____ |
| GASOLINE | | | | | |
| Self-Propelled Eq. | gal | 3.25 | 3.0451 | 9.89 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | Acre | 4.38 | 1.0000 | 4.38 | _____ |
| Tractors | Acre | 7.73 | 1.0000 | 7.73 | _____ |
| Self-Propelled Eq. | Acre | 0.32 | 1.0000 | 0.32 | _____ |
| irrigation | ac/in | 2.33 | 15.0000 | 34.95 | _____ |
| INTEREST ON OP. CAP. | Acre | 20.16 | 1.0000 | 20.16 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 553.83 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | -71.83 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | Acre | 8.67 | 1.0000 | 8.67 | _____ |
| Tractors | Acre | 17.15 | 1.0000 | 17.15 | _____ |
| Self-Propelled Eq. | Acre | 0.81 | 1.0000 | 0.81 | _____ |
| irrigation | Acre | 38.64 | 1.0000 | 38.64 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 65.28 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 619.11 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | -137.11 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| cotton - irr | acre | 50.00 | 1.0000 | 50.00 | _____ |
| RESIDUAL RETURNS | | | | -187.11 | _____ |

Projections for Planning Purposes Only.

Projections for Planning Purposes Only
 Not to be Used without Updating after October 15, 2006

B-1241 (C3)

Table 7.B Estimated resource use and costs for field operations, per Acre
 Cotton, Sprinkler Irrigated
 2008 Projected Costs and Returns per Acre

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | TRACTOR SIZE | PERF TIMES | | | TRACTOR COST | | EQUIP COST | | ALLOC LABOR | | OPERATING INPUT | | | TOTAL COST |
|-------------------------------|---------------|-----------------|------------|-------|-----|-------------------|-------|------------|-------|-------------|-------|-------------------|-------|--------|---------------|
| | | | RATE | OVER | MTH | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Shredder - 4 row | 13.3 feet | 125 | 0.209 | 1.00 | Jan | 6.01 | 4.00 | 1.10 | 1.85 | 0.460 | 4.19 | | | | 17.16 |
| Disc-Tandem (21 ft) | 21 feet | 125 | 0.105 | 1.00 | Jan | 3.01 | 2.01 | 1.24 | 2.08 | 0.231 | 2.10 | | | | 10.46 |
| Sprayer - 25 feet | 25 feet | 125 | 0.088 | 1.00 | Feb | 2.53 | 1.68 | 0.13 | 0.25 | 0.194 | 1.76 | | | | 6.37 |
| herb. - cot. roundup | pint | | | | | | | | | | | 1.5000 | 1.50 | 2.25 | 2.25 |
| Chisel - 25 Feet | 25 Feet | 125 | 0.091 | 1.00 | Mar | 2.62 | 1.75 | 0.60 | 1.61 | 0.201 | 1.83 | | | | 8.43 |
| fertilizer (N) | lb. | | | 1.00 | Mar | | | | | | | 75.0000 | 0.50 | 37.50 | 37.50 |
| fertilizer (P) | lb. | | | | | | | | | | | 60.0000 | 0.29 | 17.40 | 17.40 |
| potash (K) | lb. | | | | | | | | | | | 40.0000 | 0.52 | 20.80 | 20.80 |
| sulfur | lb. | | | | | | | | | | | 12.0000 | 0.08 | 0.96 | 0.96 |
| fert. application | acre | | | | | | | | | | | 1.0000 | 3.50 | 3.50 | 3.50 |
| Chisel - 25 Feet | 25 Feet | 125 | 0.091 | 1.00 | Mar | 2.62 | 1.75 | 0.60 | 1.61 | 0.201 | 1.83 | | | | 8.43 |
| Lister | 20 feet | 125 | 0.114 | 1.00 | Apr | 3.28 | 2.19 | 0.11 | 0.20 | 0.251 | 2.29 | | | | 8.08 |
| irrigation | ac/in | | | 1.00 | Apr | | | 4.05 | 38.64 | 0.064 | 0.58 | 1.0000 | | | 43.27 |
| irrigation | ac/in | | | 1.00 | May | | | 8.10 | | 0.128 | 1.16 | 2.0000 | | | 9.26 |
| Planter | 26.6 feet | 125 | 0.086 | 1.00 | May | 2.47 | 1.64 | 0.27 | 0.51 | 0.189 | 1.72 | | | | 6.63 |
| cotton seed count | 100 | | | | | | | | | | | 500.0000 | 0.15 | 75.00 | 75.00 |
| insect. - cotton | lb. | | | 1.00 | May | | | | | | | 1.0000 | 5.00 | 5.00 | 5.00 |
| insec. appl. | acre | | | | | | | | | | | 1.0000 | 3.50 | 3.50 | 3.50 |
| Pick-up Truck | 3/4 ton | | 0.006 | 30.30 | May | | | 10.22 | 0.81 | 0.203 | 1.84 | | | | 12.88 |
| irrigation | ac/in | | | 1.00 | Jun | | | 8.10 | | 0.128 | 1.16 | 2.0000 | | | 9.26 |
| insect. - cotton | lb. | | | 1.00 | Jun | | | | | | | 1.0000 | 5.00 | 5.00 | 5.00 |
| insec. appl. | acre | | | | | | | | | | | 1.0000 | 3.50 | 3.50 | 3.50 |
| cultivator - 9 row | 9 row | 125 | 0.109 | 1.00 | Jul | 3.14 | 2.09 | 0.31 | 0.52 | 0.241 | 2.19 | | | | 8.28 |
| irrigation | ac/in | | | 1.00 | Jul | | | 20.26 | | 0.320 | 2.91 | 5.0000 | | | 23.17 |
| irrigation | ac/in | | | 1.00 | Aug | | | 20.26 | | 0.320 | 2.91 | 5.0000 | | | 23.17 |
| insect. - cotton | lb. | | | | | | | | | | | 1.0000 | 5.00 | 5.00 | 5.00 |
| insec. appl. | acre | | | | | | | | | | | 1.0000 | 3.50 | 3.50 | 3.50 |
| Bollweevil Erad. | acre | | | 1.00 | Nov | | | | | | | 1.0000 | 10.00 | 10.00 | 10.00 |
| crop insu. - irr cot | acre | | | | | | | | | | | 1.0000 | 15.00 | 15.00 | 15.00 |
| Harvest aid - Prep | pint | | | 1.00 | Nov | | | | | | | 1.3300 | 6.25 | 8.31 | 8.31 |
| Harvest aid -def | pint | | | | | | | | | | | 1.3300 | 6.25 | 8.31 | 8.31 |
| harvest aid applicat | acre | | | | | | | | | | | 1.0000 | 3.50 | 3.50 | 3.50 |
| gin, bag, ties | lb. | | | 1.00 | Nov | | | | | | | 800.0000 | 0.12 | 96.00 | 96.00 |
| picking - custom | lb. | | | | | | | | | | | 800.0000 | 0.10 | 80.00 | 80.00 |
| TOTALS | | | | | | 25.72 | 17.15 | 75.38 | 48.13 | 3.135 | 28.52 | | | 404.03 | 598.95 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 20.16 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 619.11 |

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