

*Projections for Planning Purposes Only
Not to be Used without Updating after October 15, 2004*

Table 7.A Estimated costs and returns per Acre
Cotton, Sprinkler Irrigated
2005 Projected Costs and Returns per Acre

| ITEM | UNIT | PRICE | QUANTITY | AMOUNT | YOUR FARM |
|--|-------|---------|----------|---------|-----------|
| | | dollars | | dollars | |
| INCOME | | | | | |
| cotton lint | lb. | 0.52 | 750.0000 | 390.00 | _____ |
| cottonseed | ton | 85.00 | 0.6000 | 51.00 | _____ |
| | | | | ----- | |
| TOTAL INCOME | | | | 441.00 | _____ |
| 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 | _____ |
| stripping - custom | lb. | 0.08 | 750.0000 | 60.00 | _____ |
| herbicide | | | | | |
| herb. - cot. roundup | quart | 3.25 | 1.0000 | 3.25 | _____ |
| 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 | 0.10 | 500.0000 | 50.00 | _____ |
| fertilizer | | | | | |
| fertilizer (N) | lb. | 0.17 | 75.0000 | 12.75 | _____ |
| fertilizer (P) | lb. | 0.40 | 60.0000 | 24.00 | _____ |
| potash (K) | lb. | 0.17 | 40.0000 | 6.80 | _____ |
| sulfur | lb. | 0.28 | 12.0000 | 3.36 | _____ |
| insurance | | | | | |
| crop insu. - irr cot | acre | 9.00 | 1.0000 | 9.00 | _____ |
| harvest | | | | | |
| gin, bag, ties | lb. | 0.12 | 750.0000 | 90.00 | _____ |
| OPERATOR LABOR | | | | | |
| Implements | hour | 9.00 | 1.0756 | 9.68 | _____ |
| Tractors | hour | 9.00 | 0.8964 | 8.06 | _____ |
| Self-Propelled Eq. | hour | 9.00 | 0.2030 | 1.82 | _____ |
| IRRIGATION LABOR | | | | | |
| irrigation | hour | 9.00 | 0.9600 | 8.64 | _____ |
| DIESEL FUEL | | | | | |
| Tractors | gal | 1.70 | 5.9969 | 10.19 | _____ |
| ELECTRICITY | | | | | |
| irrigation | kWh | 0.09 | 246.0000 | 22.14 | _____ |
| GASOLINE | | | | | |
| Self-Propelled Eq. | gal | 1.90 | 3.0451 | 5.78 | _____ |
| REPAIR & MAINTENANCE | | | | | |
| Implements | Acre | 3.85 | 1.0000 | 3.85 | _____ |
| Tractors | Acre | 6.72 | 1.0000 | 6.72 | _____ |
| Self-Propelled Eq. | Acre | 0.28 | 1.0000 | 0.28 | _____ |
| irrigation | ac/in | 2.03 | 15.0000 | 30.45 | _____ |
| INTEREST ON OP. CAP. | Acre | 11.85 | 1.0000 | 11.85 | _____ |
| | | | | ----- | |
| TOTAL DIRECT EXPENSES | | | | 437.78 | _____ |
| RETURNS ABOVE DIRECT EXPENSES | | | | 3.21 | _____ |
| FIXED EXPENSES | | | | | |
| Implements | Acre | 6.76 | 1.0000 | 6.76 | _____ |
| Tractors | Acre | 12.09 | 1.0000 | 12.09 | _____ |
| Self-Propelled Eq. | Acre | 0.60 | 1.0000 | 0.60 | _____ |
| irrigation | Acre | 33.60 | 1.0000 | 33.60 | _____ |
| | | | | ----- | |
| TOTAL FIXED EXPENSES | | | | 53.06 | _____ |
| | | | | ----- | |
| TOTAL SPECIFIED EXPENSES | | | | 490.84 | _____ |
| RETURNS ABOVE TOTAL SPECIFIED EXPENSES | | | | -49.84 | _____ |
| ALLOCATED COST ITEMS | | | | | |
| cotton - irr | acre | 120.00 | 1.0000 | 120.00 | _____ |
| RESIDUAL RETURNS | | | | -169.84 | _____ |

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Table 7.B Estimated resource use and costs for field operations, per Acre
Cotton, Sprinkler Irrigated
2005 Projected Costs and Returns per Acre

| OPERATION/ OPERATING INPUT | SIZE/ UNIT | TRACTOR SIZE | PERF RATE | TIMES OVER | MTH | TRACTOR COST | | EQUIP COST | | ALLOC LABOR | | OPERATING INPUT | | | TOTAL COST |
|---|---------------|-----------------|--------------|---------------|-----|-------------------|-------|------------|-------|-------------|-------|-------------------|-------|--------|---------------|
| | | | | | | DIRECT | FIXED | DIRECT | FIXED | HOURS | COST | AMOUNT | PRICE | COST | |
| | | | | | | -----dollars----- | | | | dollars | | -----dollars----- | | | |
| Shredder - 4 row | 13.3 feet | 125 | 0.209 | 1.00 | Jan | 3.95 | 2.82 | 0.95 | 1.42 | 0.460 | 4.14 | | | | 13.31 |
| Disc-Tandem (21 ft) | 21 feet | 125 | 0.105 | 1.00 | Jan | 1.98 | 1.41 | 1.08 | 1.61 | 0.231 | 2.08 | | | | 8.17 |
| Sprayer - 25 feet herb. - cot. roundup quart | 25 feet | 125 | 0.088 | 1.00 | Feb | 1.66 | 1.19 | 0.11 | 0.19 | 0.194 | 1.74 | | | | 4.91 |
| Chisel - 25 Feet fertilizer (N) | 25 Feet | 125 | 0.091 | 1.00 | Mar | 1.72 | 1.23 | 0.52 | 1.25 | 0.201 | 1.81 | 1.0000 | 3.25 | 3.25 | 3.25 |
| fertilizer (P) | lb. | | | 1.00 | Mar | | | | | | | 75.0000 | 0.17 | 12.75 | 12.75 |
| potash (K) | lb. | | | | | | | | | | | 60.0000 | 0.40 | 24.00 | 24.00 |
| sulfur | lb. | | | | | | | | | | | 40.0000 | 0.17 | 6.80 | 6.80 |
| fert. application | acre | | | | | | | | | | | 12.0000 | 0.28 | 3.36 | 3.36 |
| Chisel - 25 Feet | 25 Feet | 125 | 0.091 | 1.00 | Mar | 1.72 | 1.23 | 0.52 | 1.25 | 0.201 | 1.81 | | | | 3.50 |
| Lister | 20 feet | 125 | 0.114 | 1.00 | Apr | 2.16 | 1.54 | 0.10 | 0.15 | 0.251 | 2.26 | | | | 3.50 |
| irrigation | ac/in | | | 1.00 | Apr | | | 3.50 | 33.60 | 0.064 | 0.57 | 1.0000 | | | 6.23 |
| irrigation | ac/in | | | 1.00 | May | | | 7.01 | | 0.128 | 1.15 | 2.0000 | | | 37.68 |
| Planter | 26.6 feet | 125 | 0.086 | 1.00 | May | 1.62 | 1.16 | 0.23 | 0.40 | 0.189 | 1.70 | | | | 8.16 |
| cotton seed count | 100 | | | | | | | | | | | 500.0000 | 0.10 | 50.00 | 5.12 |
| insect. - cotton | lb. | | | 1.00 | May | | | | | | | 1.0000 | 5.00 | 5.00 | 50.00 |
| insec. appl. | acre | | | | | | | | | | | 1.0000 | 3.50 | 3.50 | 5.00 |
| Pick-up Truck | 3/4 ton | | 0.006 | 30.30 | May | | | 6.07 | 0.60 | 0.203 | 1.82 | | | | 3.50 |
| irrigation | ac/in | | | 1.00 | Jun | | | 7.01 | | 0.128 | 1.15 | 2.0000 | | | 8.49 |
| insect. - cotton | lb. | | | 1.00 | Jun | | | | | | | 1.0000 | 5.00 | 5.00 | 8.16 |
| insec. appl. | acre | | | | | | | | | | | 1.0000 | 3.50 | 3.50 | 5.00 |
| cultivator - 9 row | 9 row | 125 | 0.109 | 1.00 | Jul | 2.07 | 1.48 | 0.31 | 0.46 | 0.241 | 2.17 | | | | 3.50 |
| irrigation | ac/in | | | 1.00 | Jul | | | 17.53 | | 0.320 | 2.88 | 5.0000 | | | 6.50 |
| irrigation | ac/in | | | 1.00 | Aug | | | 17.53 | | 0.320 | 2.88 | 5.0000 | | | 20.41 |
| insect. - cotton | lb. | | | | | | | | | | | 1.0000 | 5.00 | 5.00 | 20.41 |
| insec. appl. | acre | | | | | | | | | | | 1.0000 | 3.50 | 3.50 | 5.00 |
| Bollweevil Erad. | acre | | | 1.00 | Nov | | | | | | | 1.0000 | 10.00 | 10.00 | 3.50 |
| crop insu. - irr cot acre | | | | | | | | | | | | 1.0000 | 9.00 | 9.00 | 10.00 |
| Harvest aid - Prep | pint | | | 1.00 | Nov | | | | | | | 1.3300 | 6.25 | 8.31 | 9.00 |
| Harvest aid -def | pint | | | | | | | | | | | 1.3300 | 6.25 | 8.31 | 8.31 |
| harvest aid applicat | acre | | | | | | | | | | | 1.0000 | 3.50 | 3.50 | 8.31 |
| gin, bag, ties | lb. | | | 1.00 | Nov | | | | | | | 750.0000 | 0.12 | 90.00 | 3.50 |
| stripping - custom | lb. | | | | | | | | | | | 750.0000 | 0.08 | 60.00 | 90.00 |
| TOTALS | | | | | | 16.91 | 12.09 | 62.51 | 40.96 | 3.135 | 28.21 | | | 318.28 | 478.99 |
| INTEREST ON OPERATING CAPITAL | | | | | | | | | | | | | | | 11.85 |
| UNALLOCATED LABOR | | | | | | | | | | | | | | | 0.00 |
| TOTAL SPECIFIED COST | | | | | | | | | | | | | | | 490.84 |

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