

Projections for Planning Purposes Only -- Not to be Used without Updating
2024 Estimated Costs and Returns per Acre
Dryland Cotton - Herbicide Tolerant
South Plains Extension District - 2

| Crop Acres | | 160 | | Enterprise | |
|-----------------------------------------|-----------|----------|----------|-----------------|--------------------|
| REVENUE | Quantity | Units | \$/Unit | Total | Total |
| Cotton Lint | 400.00 | Pound | \$0.72 | \$288.00 | \$46,080.00 |
| Cottonseed | 0.28 | Ton | \$225.00 | \$63.90 | \$10,224.00 |
| Total Revenue | | | | \$351.90 | \$56,304.00 |
| VARIABLE COSTS | Quantity | Units | \$/Unit | Total | Total |
| Production Costs | | | | | |
| Custom | | | | | |
| Strip and Module - Cotton | 400 | Pound | \$0.08 | \$32.00 | \$5,120.00 |
| Ginning - Cotton | 13.333333 | CWT | \$2.90 | \$38.67 | \$6,186.67 |
| Fertilizer Application - Liquid High | 0 | Acre | \$4.75 | \$0.00 | \$0.00 |
| Scouting - Dryland Cotton | 1 | Acre | \$5.00 | \$5.00 | \$800.00 |
| Fertilizer | | | | | |
| Fertilizer (N) - Liquid | 0 | Pound | \$0.61 | \$0.00 | \$0.00 |
| Fertilizer (P) - Liquid | 0 | Pound | \$0.88 | \$0.00 | \$0.00 |
| Herbicide | | | | | |
| Herbicide - Cotton Preplant | 1 | Acre | \$6.00 | \$6.00 | \$960.00 |
| Herbicide - Cotton At Plant | 1 | Acre | \$6.50 | \$6.50 | \$1,040.00 |
| Herbicide - Cotton Postplant Dryland | 1 | Acre | \$29.00 | \$29.00 | \$4,640.00 |
| Spot Spray and Chemical | 0.1 | Acre | \$15.00 | \$1.50 | \$240.00 |
| Insecticide | | | | | |
| Boll Weevil Assessment Dryland | 0.8 | Bale | \$0.00 | \$0.00 | \$0.00 |
| Insecticide and Apply Cotton Dryland | 1 | Acre | \$6.00 | \$6.00 | \$960.00 |
| Miscellaneous | | | | | |
| Crop Insurance Cotton - Dryland | 1 | Acre | \$44.00 | \$44.00 | \$7,040.00 |
| Seed | | | | | |
| Seed - Cotton Dryland HT | 35 | Thousand | \$1.06 | \$37.10 | \$5,936.00 |
| Other Chemicals | | | | | |
| Harvest Aid Apply Cotton Dryland | 1 | Acre | \$10.00 | \$10.00 | \$1,600.00 |
| Other Labor | | | | | |
| Hoeing | 0.1 | Acre | \$15.00 | \$1.50 | \$240.00 |
| Machinery Labor | | | | | |
| Tractors/Self-Propelled | 0.65 | Hour | \$12.00 | \$7.80 | \$1,248.00 |
| Other Labor | 0.75 | Hour | \$12.00 | \$9.00 | \$1,440.00 |
| Diesel Fuel | | | | | |
| Tractors/Self-Propelled | 3.4 | Gallon | \$3.00 | \$10.20 | \$1,631.46 |
| Gasoline | | | | | |
| Pickup/General Use Equipment | 1 | Acre | \$5.16 | \$5.16 | \$825.18 |
| Repairs & Maintenance | | | | | |
| Pickup/General Use Equipment | 1 | Acre | \$0.50 | \$0.50 | \$80.00 |
| Tractors/Self-Propelled | 1 | Acre | \$6.00 | \$6.00 | \$960.00 |
| Implements | 1 | Acre | \$3.00 | \$3.00 | \$480.00 |
| Interest on Credit Line | | | 9.00% | \$10.37 | \$1,658.52 |
| Total Variable Costs | | | | \$269.29 | \$43,085.82 |
| Planned Returns Above Variable Costs: | | | | \$82.61 | \$13,218.18 |
| Breakeven Price to Cover Variable Costs | | | \$0.51 | Pound | |
| FIXED COSTS | Quantity | Units | \$/Unit | Total | Total |
| Equipment Fixed Costs | | | | | |
| Pickup/General Use Equipment | 1 | Acre | \$1.25 | \$1.25 | \$200.00 |
| Tractors/Self-Propelled | 1 | Acre | \$12.00 | \$12.00 | \$1,920.00 |
| Implements | 1 | Acre | \$10.00 | \$10.00 | \$1,600.00 |
| Management Fee, Owner/Operator Labor | 1 | Acre | \$25.00 | \$25.00 | \$4,000.00 |
| Cash Rent - Cotton Dryland | 1 | Acre | \$50.00 | \$50.00 | \$8,000.00 |
| Whole Farm Insurance | 1 | Acre | \$2.00 | \$2.00 | \$320.00 |
| Total Fixed Costs | | | | \$100.25 | \$16,040.00 |
| Total Specified Costs | | | | \$369.54 | \$59,125.82 |
| Returns Above Specified Costs | | | | (\$17.64) | (\$2,821.82) |
| Breakeven Price to Cover Total Costs | | | \$0.76 | Pound | |

| Example Breakeven Prices | | | |
|--------------------------|---------------------|-------------------------|----------------------|
| Example Yield Percent | Example Yield Pound | To Cover Variable Costs | To Cover Total Costs |
| 75% | 300.00 | \$0.68 | \$1.02 |
| 90% | 360.00 | \$0.57 | \$0.85 |
| 100% | 400.00 | \$0.51 | \$0.76 |
| 110% | 440.00 | \$0.47 | \$0.69 |
| 125% | 500.00 | \$0.41 | \$0.61 |

Developed by Agricultural Economists, Texas A&M AgriLife Extension. 806-746-6101

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.