

**2021 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         | Total         |
| Cotton Lint                             | 400.00    | Pound    | \$0.63   | \$252.00  | \$40,320.00   | \$40,320.00   |
| Cottonseed                              | 0.28      | Ton      | \$165.00 | \$46.86   | \$7,497.60    | \$7,497.60    |
| Total Revenue                           |           |          |          | \$298.86  | \$47,817.60   | \$47,817.60   |
| VARIABLE COSTS                          | Quantity  | Units    | \$/Unit  | Total     | Total         | Enterprise    |
| <b>Production Costs</b>                 |           |          |          |           |               |               |
| Custom                                  |           |          |          |           |               |               |
| Strip and Module - Cotton               | 400       | Pound    | \$0.08   | \$32.00   | \$5,120.00    | \$5,120.00    |
| Ginning - Cotton                        | 13.333333 | CWT      | \$2.90   | \$38.67   | \$6,186.67    | \$6,186.67    |
| Fertilizer Application - Liquid High    | 1         | Acre     | \$4.75   | \$4.75    | \$760.00      | \$760.00      |
| Scouting - Dryland Cotton               | 1         | Acre     | \$5.00   | \$5.00    | \$800.00      | \$800.00      |
| Fertilizer                              |           |          |          |           |               |               |
| Fertilizer (N) - Liquid                 | 35        | Pound    | \$0.38   | \$13.30   | \$2,128.00    | \$2,128.00    |
| Fertilizer (P) - Liquid                 | 14        | Pound    | \$0.64   | \$8.96    | \$1,433.60    | \$1,433.60    |
| Herbicide                               |           |          |          |           |               |               |
| Herbicide - Cotton Preplant             | 1         | Acre     | \$9.50   | \$9.50    | \$1,520.00    | \$1,520.00    |
| Herbicide - Cotton At Plant             | 1         | Acre     | \$4.50   | \$4.50    | \$720.00      | \$720.00      |
| Herbicide - Cotton Postplant Dryland    | 1         | Acre     | \$12.50  | \$12.50   | \$2,000.00    | \$2,000.00    |
| Spot Spray and Chemical                 | 0.1       | Acre     | \$15.00  | \$1.50    | \$240.00      | \$240.00      |
| Insecticide                             |           |          |          |           |               |               |
| Boll Weevil Assessment Dryland          | 0.8       | Bale     | \$0.00   | \$0.00    | \$0.00        | \$0.00        |
| Insecticide and Apply Cotton Dryland    | 1         | Acre     | \$6.00   | \$6.00    | \$960.00      | \$960.00      |
| Miscellaneous                           |           |          |          |           |               |               |
| Crop Insurance Cotton - Dryland         | 1         | Acre     | \$32.00  | \$32.00   | \$5,120.00    | \$5,120.00    |
| Seed                                    |           |          |          |           |               |               |
| Seed - Cotton Dryland HT                | 35        | Thousand | \$1.06   | \$37.10   | \$5,936.00    | \$5,936.00    |
| Other Chemicals                         |           |          |          |           |               |               |
| Harvest Aid Apply Cotton Dryland        | 1         | Acre     | \$10.00  | \$10.00   | \$1,600.00    | \$1,600.00    |
| Other Labor                             |           |          |          |           |               |               |
| Hoeing                                  | 0.1       | Acre     | \$15.00  | \$1.50    | \$240.00      | \$240.00      |
| Machinery Labor                         |           |          |          |           |               |               |
| Tractors/Self-Propelled                 | 0.65      | Hour     | \$12.00  | \$7.80    | \$1,248.00    | \$1,248.00    |
| Other Labor                             | 0.75      | Hour     | \$12.00  | \$9.00    | \$1,440.00    | \$1,440.00    |
| Diesel Fuel                             |           |          |          |           |               |               |
| Tractors/Self-Propelled                 | 3.4       | Gallon   | \$1.90   | \$6.46    | \$1,033.60    | \$1,033.60    |
| Gasoline                                |           |          |          |           |               |               |
| Pickup/General Use Equipment            | 1         | Acre     | \$4.47   | \$4.47    | \$715.00      | \$715.00      |
| Repairs & Maintenance                   |           |          |          |           |               |               |
| Pickup/General Use Equipment            | 1         | Acre     | \$0.50   | \$0.50    | \$80.00       | \$80.00       |
| Tractors/Self-Propelled                 | 1         | Acre     | \$6.00   | \$6.00    | \$960.00      | \$960.00      |
| Implements                              | 1         | Acre     | \$3.00   | \$3.00    | \$480.00      | \$480.00      |
| Interest on Credit Line                 |           |          | 6.00%    | \$7.10    | \$1,136.10    | \$1,136.10    |
| Total Variable Costs                    |           |          |          | \$261.61  | \$41,856.97   | \$41,856.97   |
| Planned Returns Above Variable Costs:   |           |          |          | \$37.25   | \$5,960.63    | \$5,960.63    |
| Breakeven Price to Cover Variable Costs |           |          | \$0.54   | Pound     |               |               |
| FIXED COSTS                             | Quantity  | Units    | \$/Unit  | Total     | Total         | Enterprise    |
| <b>Equipment Fixed Costs</b>            |           |          |          |           |               |               |
| Pickup/General Use Equipment            | 1         | Acre     | \$1.25   | \$1.25    | \$200.00      | \$200.00      |
| Tractors/Self-Propelled                 | 1         | Acre     | \$12.00  | \$12.00   | \$1,920.00    | \$1,920.00    |
| Implements                              | 1         | Acre     | \$10.00  | \$10.00   | \$1,600.00    | \$1,600.00    |
| Management Fee, Owner/Operator Labor    | 1         | Acre     | \$25.00  | \$25.00   | \$4,000.00    | \$4,000.00    |
| Cash Rent - Cotton Dryland              | 1         | Acre     | \$50.00  | \$50.00   | \$8,000.00    | \$8,000.00    |
| Whole Farm Insurance                    | 1         | Acre     | \$2.00   | \$2.00    | \$320.00      | \$320.00      |
| Total Fixed Costs                       |           |          |          | \$100.25  | \$16,040.00   | \$16,040.00   |
| Total Specified Costs                   |           |          |          | \$361.86  | \$57,896.97   | \$57,896.97   |
| Returns Above Specified Costs           |           |          |          | (\$63.00) | (\$10,079.37) | (\$10,079.37) |
| Breakeven Price to Cover Total Costs    |           |          | \$0.79   | Pound     |               |               |

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.**