

**2022 Estimated Costs and Returns per Acre  
Cotton - No-Till Irrigated  
Rolling Plains Extension District - 3**

| Crop Acres                                   |          | 640      |               |                   |                     |
|--|----------|----------|---------------|-------------------|---------------------|
| REVENUE                                      | Quantity | Units    | \$/Unit       | Total             | Enterprise Total    |
| Cotton Lint                                  | 1,404.00 | Pound    | \$0.84        | \$1,175.15        | \$752,094.72        |
| <b>Total Revenue</b>                         |          |          |               | <b>\$1,175.15</b> | <b>\$752,094.72</b> |
| VARIABLE COSTS                               | Quantity | Units    | \$/Unit       | Total             | Enterprise Total    |
| <b>Production Costs</b>                      |          |          |               |                   |                     |
| Custom                                       |          |          |               |                   |                     |
| Fertilizer Application                       | 1        | Acre     | \$4.50        | \$4.50            | \$2,880.00          |
| Custom Stripping                             | 1404     | Pound    | \$0.12        | \$168.48          | \$107,827.20        |
| Fertilizer                                   |          |          |               |                   |                     |
| Fertilizer (N)                               | 150      | Pound    | \$1.03        | \$154.50          | \$98,880.00         |
| Fertilizer (P)                               | 50       | Pound    | \$0.67        | \$33.50           | \$21,440.00         |
| Potash (K)                                   | 80       | Pound    | \$0.69        | \$55.33           | \$35,413.33         |
| Herbicide                                    |          |          |               |                   |                     |
| Roundup                                      | 2        | Pint     | \$6.31        | \$12.62           | \$8,076.80          |
| Prowl  | 64       | Ounces   | \$0.33        | \$21.12           | \$13,516.80         |
| Enlist Duo                                   | 4.7      | Pint     | \$3.52        | \$16.52           | \$10,573.12         |
| Liberty                                      | 29       | Ounce    | \$0.64        | \$18.56           | \$11,878.40         |
| Harvest Aid - Prep                           | 1        | Pint     | \$3.75        | \$3.75            | \$2,400.00          |
| Harvest Aid -Def                             | 1        | Ounce    | \$0.55        | \$0.55            | \$350.00            |
| 2,4D   | 1.4      | Pint     | \$2.40        | \$3.36            | \$2,150.40          |
| Caparol                                      | 1.4      | Pint     | \$3.75        | \$5.25            | \$3,360.00          |
| Dual Magnum                                  | 1.3      | Pint     | \$12.75       | \$16.58           | \$10,608.00         |
| Insecticide                                  |          |          |               |                   |                     |
| Prevathon                                    | 16       | Ounce    | \$0.83        | \$13.28           | \$8,499.20          |
| Brigade                                      | 2        | Ounce    | \$1.75        | \$3.50            | \$2,238.40          |
| Miscellaneous                                |          |          |               |                   |                     |
| Insurance - Dryland Cotton                   | 1        | Acre     | \$15.00       | \$15.00           | \$9,600.00          |
| Seed   |          |          |               |                   |                     |
| Cotton Seed                                  | 11.5     | Pound    | \$8.00        | \$92.00           | \$58,880.00         |
| Irrigation                                   |          |          |               |                   |                     |
| Energy Cost                                  | 11.80    | AcreInch | \$4.50        | \$53.10           | \$33,984.00         |
| Irrigation Labor                             | 0.96     | Hour     | \$14.00       | \$13.44           | \$8,601.60          |
| Machinery Labor                              |          |          |               |                   |                     |
| Tractors/Self-Propelled                      | 0.26     | Hour     | \$14.00       | \$3.64            | \$2,329.60          |
| Other Labor                                  | 0.31     | Hour     | \$14.00       | \$4.34            | \$2,777.60          |
| Diesel Fuel                                  |          |          |               |                   |                     |
| Tractors/Self-Propelled                      | 3.14     | Gallon   | \$2.60        | \$8.16            | \$5,224.96          |
| Gasoline                                     |          |          |               |                   |                     |
| Pickup/General Use Equipment                 | 1        | Acre     | \$1.05        | \$1.05            | \$675.00            |
| Repairs & Maintenance                        |          |          |               |                   |                     |
| Pickup/General Use Equipment                 | 1        | Acre     | \$0.35        | \$0.35            | \$225.00            |
| Irrigation Equipment                         | 1        | Acre     | \$13.11       | \$13.11           | \$8,392.54          |
| Tractors/Self-Propelled                      | 1        | Acre     | \$8.57        | \$8.57            | \$5,487.97          |
| Implements                                   | 1        | Acre     | \$6.89        | \$6.89            | \$4,407.95          |
| Interest on Credit Line                      |          |          | 6.50%         | \$23.58           | \$15,091.44         |
| <b>Total Variable Costs</b>                  |          |          |               | <b>\$774.64</b>   | <b>\$495,769.31</b> |
| <b>Planned Returns Above Variable Costs:</b> |          |          |               | <b>\$400.51</b>   | <b>\$256,325.41</b> |
| Breakeven Price to Cover Variable Costs      |          |          | \$0.55        | Pound             |                     |
| FIXED COSTS                                  | Quantity | Units    | \$/Unit       | Total             | Enterprise Total    |
| Machinery Depreciation                       |          |          |               |                   |                     |
| Pickup/General Use Equipment                 | 1        | Acre     | \$0.49        | \$0.49            | \$312.38            |
| Irrigation Equipment                         | 1        | Acre     | \$24.38       | \$24.38           | \$15,600.00         |
| Tractors/Self-Propelled                      | 1        | Acre     | \$13.33       | \$13.33           | \$8,531.72          |
| Implements                                   | 1        | Acre     | \$9.48        | \$9.48            | \$6,068.41          |
| Equipment Investment                         |          |          |               |                   |                     |
| Pickup/General Use Equipment                 | \$3.42   | Dollars  | 5.50%         | \$0.19            | \$120.35            |
| Irrigation Equipment                         | \$710.94 | Dollars  | 5.50%         | \$39.10           | \$25,025.00         |
| Tractors/Self-Propelled                      | \$101.77 | Dollars  | 5.50%         | \$5.60            | \$3,582.46          |
| Implements                                   | \$40.56  | Dollars  | 5.50%         | \$2.23            | \$1,427.76          |
| Cash Rent - Irrigated Cotton                 | 1        | Acre     | \$90.00       | \$90.00           | \$57,600.00         |
| <b>Total Fixed Costs</b>                     |          |          |               | <b>\$184.79</b>   | <b>\$118,268.08</b> |
| <b>Total Specified Costs</b>                 |          |          |               | <b>\$959.43</b>   | <b>\$614,037.39</b> |
| <b>Returns Above Specified Costs</b>         |          |          |               | <b>\$215.71</b>   | <b>\$138,057.33</b> |
| <b>Breakeven Price to Cover Total Costs</b>  |          |          | <b>\$0.68</b> | <b>Pound</b>      |                     |

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*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.*