

**Projections for Planning Purposes Only -- Not to be Used without Updating**  
**2019 Estimated Costs and Returns per Acre**  
**Roundup Ready Soybeans**  
**Southeast Extension District - 9**

| Crop Acres                                     |          | 500     |                |                   |                      |
|--|----------|---------|----------------|-------------------|----------------------|
| REVENUE  | Quantity | Units   | \$/Unit        | Total             | Enterprise Total     |
| Soybeans                                       | 22.00    | Bushel  | \$8.50         | \$187.00          | \$93,500.00          |
| <b>Total Revenue</b>                           |          |         |                | <b>\$187.00</b>   | <b>\$93,500.00</b>   |
| VARIABLE COSTS                                 | Quantity | Units   | \$/Unit        | Total             | Enterprise Total     |
| <b>Production Costs</b>                        |          |         |                |                   |                      |
| Custom   |          |         |                |                   |                      |
| Ground Fertilizer                              | 1        | Acre    | \$7.00         | \$7.00            | \$3,500.00           |
| Air Herbicide                                  | 2        | Acre    | \$9.00         | \$18.00           | \$9,000.00           |
| Air Insecticide                                | 1        | Acre    | \$9.00         | \$9.00            | \$4,500.00           |
| Custom Grain Haul                              | 22       | Bushel  | \$0.20         | \$4.40            | \$2,200.00           |
| Drying Soybeans                                | 11       | Bushel  | \$0.50         | \$5.50            | \$2,750.00           |
| Fertilizer                                     |          |         |                |                   |                      |
| DAP (18-46-0)                                  | 100      | Pound   | \$0.27         | \$27.00           | \$13,500.00          |
| Potash (0-0-60)                                | 100      | Pound   | \$0.15         | \$15.00           | \$7,500.00           |
| Herbicide                                      |          |         |                |                   |                      |
| Glyphosphate                                   | 2        | Quart   | \$2.88         | \$5.75            | \$2,875.00           |
| Classic  | 0.25     | Ounce   | \$16.25        | \$4.06            | \$2,031.25           |
| Ultra Blazer                                   | 0.5      | Pint    | \$9.08         | \$4.54            | \$2,269.69           |
| Insecticide                                    |          |         |                |                   |                      |
| Mustang Max                                    | 3.2      | Ounce   | \$1.19         | \$3.80            | \$1,900.00           |
| Seed   |          |         |                |                   |                      |
| Seed - Roundup Ready Soybean                   | 1        | Bag     | \$72.00        | \$72.00           | \$36,000.00          |
| Other Chemicals                                |          |         |                |                   |                      |
| Surfactant                                     | 1        | Acre    | \$1.60         | \$1.60            | \$800.00             |
| Machinery Labor                                |          |         |                |                   |                      |
| Tractors/Self-Propelled                        | 1.22     | Hour    | \$13.75        | \$16.78           | \$8,387.50           |
| Diesel Fuel                                    |          |         |                |                   |                      |
| Tractors/Self-Propelled                        | 5.1      | Gallon  | \$2.35         | \$11.99           | \$5,992.50           |
| Gasoline                                       |          |         |                |                   |                      |
| Pickup/General Use Equipment                   | 1        | Acre    | \$1.10         | \$1.10            | \$550.00             |
| Repairs & Maintenance                          |          |         |                |                   |                      |
| Pickup/General Use Equipment                   | 1        | Acre    | \$0.61         | \$0.61            | \$306.00             |
| Tractors/Self-Propelled                        | 1        | Acre    | \$19.17        | \$19.17           | \$9,585.37           |
| Implements                                     | 1        | Acre    | \$10.05        | \$10.05           | \$5,026.69           |
| Interest on Credit Line                        |          |         | 5.00%          | \$4.60            | \$2,300.85           |
| <b>Total Variable Costs</b>                    |          |         |                | <b>\$241.95</b>   | <b>\$120,974.85</b>  |
| <b>Planned Returns Above Variable Costs:</b>   |          |         |                | <b>(\$54.95)</b>  | <b>(\$27,474.85)</b> |
| <b>Breakeven Price to Cover Variable Costs</b> |          |         | <b>\$11.00</b> | <b>Bushel</b>     |                      |
| FIXED COSTS                                    | Quantity | Units   | \$/Unit        | Total             | Enterprise Total     |
| Machinery Depreciation                         |          |         |                |                   |                      |
| Pickup/General Use Equipment                   | 1        | Acre    | \$0.64         | \$0.64            | \$321.30             |
| Tractors/Self-Propelled                        | 1        | Acre    | \$17.88        | \$17.88           | \$8,938.44           |
| Implements                                     | 1        | Acre    | \$12.24        | \$12.24           | \$6,118.93           |
| Equipment Investment                           |          |         |                |                   |                      |
| Pickup/General Use Equipment                   | \$4.44   | Dollars | 5.00%          | \$0.22            | \$110.93             |
| Tractors/Self-Propelled                        | \$135.40 | Dollars | 5.00%          | \$6.77            | \$3,385.06           |
| Implements                                     | \$60.90  | Dollars | 5.00%          | \$3.04            | \$1,522.41           |
| Cash Rent - Soybeans                           | 1        | Acre    | \$21.00        | \$21.00           | \$10,500.00          |
| <b>Total Fixed Costs</b>                       |          |         |                | <b>\$61.79</b>    | <b>\$30,897.07</b>   |
| <b>Total Specified Costs</b>                   |          |         |                | <b>\$303.74</b>   | <b>\$151,871.92</b>  |
| <b>Returns Above Specified Costs</b>           |          |         |                | <b>(\$116.74)</b> | <b>(\$58,371.92)</b> |
| <b>Breakeven Price to Cover Total Costs</b>    |          |         | <b>\$13.81</b> | <b>Bushel</b>     |                      |

| Example Breakeven Prices |                      |                         |                      |
|--------------------------|----------------------|-------------------------|----------------------|
| Example Yield Percent    | Example Yield Bushel | To Cover Variable Costs | To Cover Total Costs |
| 75%                      | 16.50                | \$14.66                 | \$18.41              |
| 90%                      | 19.80                | \$12.22                 | \$15.34              |
| 100%                     | 22.00                | \$11.00                 | \$13.81              |
| 110%                     | 24.20                | \$10.00                 | \$12.55              |
| 125%                     | 27.50                | \$8.80                  | \$11.05              |

Developed by Extension Economists, Texas A&M AgriLife Extension Service, budgets@tamu.edu.

**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.**