

Projections for Planning Purposes Only -- Not to be Used without Updating
2018 Estimated Costs and Returns per Acre
Soybeans
Southeast Extension District - 9

| Crop Acres | Your Acres | | Units | \$/Unit | Your \$/Unit | Total | Your Total | Enterprise Total | Your Enterprise Total |
|---|------------|---------------|---------|---------|--------------|----------|------------|------------------|-----------------------|
| | Quantity | Your Quantity | | | | | | | |
| REVENUE | Quantity | Quantity | Units | \$/Unit | \$/Unit | Total | Total | Enterprise Total | Enterprise Total |
| Soybeans | 25.00 | | Bushel | \$9.00 | | \$225.00 | | \$112,500.00 | |
| Total Revenue | | | | | | \$225.00 | | \$112,500.00 | |
| VARIABLE COSTS | Quantity | Quantity | Units | \$/Unit | \$/Unit | Total | Total | Enterprise Total | Enterprise Total |
| Production Costs | | | | | | | | | |
| Custom | | | | | | | | | |
| Ground Fertilizer | 1 | | Acre | \$7.00 | | \$7.00 | | \$3,500.00 | |
| Ground Herbicide | 1 | | Acre | \$7.00 | | \$7.00 | | \$3,500.00 | |
| Herbicide Application | 2 | | Acre | \$7.00 | | \$14.00 | | \$7,000.00 | |
| Air Insecticide | 1 | | Acre | \$9.00 | | \$9.00 | | \$4,500.00 | |
| Custom Grain Haul | 25 | | Bushel | \$0.20 | | \$5.00 | | \$2,500.00 | |
| Drying Soybeans | 12.5 | | Bushel | \$0.50 | | \$6.25 | | \$3,125.00 | |
| Fertilizer | | | | | | | | | |
| DAP (18-46-0) | 100 | | Pound | \$0.21 | | \$21.00 | | \$10,500.00 | |
| Potash (0-0-60) | 100 | | Pound | \$0.13 | | \$13.00 | | \$6,500.00 | |
| Herbicide | | | | | | | | | |
| Valor SX | 2 | | Ounce | \$4.26 | | \$8.51 | | \$4,256.25 | |
| Select Max | 20 | | Ounce | \$0.72 | | \$14.45 | | \$7,226.56 | |
| Ultra Blazer | 1 | | Pint | \$10.00 | | \$10.00 | | \$5,000.00 | |
| Seed | | | | | | | | | |
| Seed - Soybeans | 1 | | Bag | \$44.00 | | \$44.00 | | \$22,000.00 | |
| Insecticide | | | | | | | | | |
| Mustang Max | 3.2 | | Ounce | \$1.13 | | \$3.63 | | \$1,812.50 | |
| Other Chemicals | | | | | | | | | |
| Surfactant | 1 | | Acre | \$1.50 | | \$1.50 | | \$750.00 | |
| Machinery Labor | | | | | | | | | |
| Tractors/Self-Propelled | 1.46 | | Hour | \$13.75 | | \$20.08 | | \$10,037.50 | |
| Diesel Fuel | | | | | | | | | |
| Tractors/Self-Propelled | 5.87 | | Gallon | \$2.00 | | \$11.74 | | \$5,870.00 | |
| Gasoline | | | | | | | | | |
| Pickup/General Use Equipment | 1 | | Acre | \$0.95 | | \$0.95 | | \$475.00 | |
| Repairs & Maintenance | | | | | | | | | |
| Pickup/General Use Equipment | 1 | | Acre | \$0.61 | | \$0.61 | | \$306.00 | |
| Tractors/Self-Propelled | 1 | | Acre | \$20.43 | | \$20.43 | | \$10,216.75 | |
| Implements | 1 | | Acre | \$18.66 | | \$18.66 | | \$9,328.66 | |
| Interest on Credit Line | | | | 5.00% | | \$4.50 | | \$2,250.48 | |
| Total Variable Costs | | | | | | \$241.31 | | \$120,654.70 | |
| Planned Returns Above Variable Costs: | | | | | | | | | |
| Breakeven Price to Cover Variable Costs | | | | \$9.65 | n/a | Bushel | | | (\$8,154.70) |
| FIXED COSTS | Quantity | Quantity | Units | \$/Unit | \$/Unit | Total | Total | Enterprise Total | Enterprise Total |
| Machinery Depreciation | | | | | | | | | |
| Pickup/General Use Equipment | 1 | | Acre | \$0.64 | | \$0.64 | | \$321.30 | |
| Tractors/Self-Propelled | 1 | | Acre | \$19.26 | | \$19.26 | | \$9,630.59 | |
| Implements | 1 | | Acre | \$23.74 | | \$23.74 | | \$11,870.69 | |
| Equipment Investment | | | | | | | | | |
| Pickup/General Use Equipment | \$4.44 | | Dollars | 5.00% | | \$0.22 | | \$110.93 | |
| Tractors/Self-Propelled | \$146.35 | | Dollars | 5.00% | | \$7.32 | | \$3,658.64 | |
| Implements | \$109.90 | | Dollars | 5.00% | | \$5.50 | | \$2,747.56 | |
| Cash Rent - Soybeans | 1 | | Acre | \$21.00 | | \$21.00 | | \$10,500.00 | |
| Total Fixed Costs | | | | | | \$77.68 | | \$38,839.71 | |
| Total Specified Costs | | | | | | \$318.99 | | \$159,494.41 | |
| Returns Above Specified Costs | | | | | | | | | (\$93.99) |
| Breakeven Price to Cover Total Costs | | | | \$12.76 | n/a | Bushel | | | |

Example Breakeven Prices

| Example Yield Percent | Example Yield Bushel | To Cover Variable Costs | To Cover Total Costs |
|-----------------------|----------------------|-------------------------|----------------------|
| 75% | 18.75 | \$12.87 | \$17.01 |
| 90% | 22.50 | \$10.72 | \$14.18 |
| 100% | 25.00 | \$9.65 | \$12.76 |
| 110% | 27.50 | \$8.77 | \$11.60 |
| 125% | 31.25 | \$7.72 | \$10.21 |

Your Breakeven Prices

| Your Yield Percent | Your Yield Bushel | To Cover Variable Costs | To Cover Total Costs |
|--------------------|-------------------|-------------------------|----------------------|
| 75% | 0.00 | \$0.00 | \$0.00 |
| 90% | 0.00 | \$0.00 | \$0.00 |
| 100% | 0.00 | \$0.00 | \$0.00 |
| 110% | 0.00 | \$0.00 | \$0.00 |
| 125% | 0.00 | \$0.00 | \$0.00 |

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.