

University of Missouri Extension Southeast Missouri Crop Budget

2018 No-Till Double Cr. Liberty Link Soybean Budget

| Variable Cost | Number of Units | Units | Cost \$/Unit | Total Cost/Acre | Your Cost \$/Acre |
|-------------------------------|--------------------|---------|-----------------|--------------------|----------------------|
| Seed | 1.1 | Bags | 54.00 | 59.40 | |
| Nitrogen | 0 | Pounds | 0.36 | 0.00 | |
| Phosphate | 30 | Pounds | 0.34 | 10.20 | |
| Potash | 50 | Pounds | 0.28 | 14.00 | |
| Limestone | 0.25 | Tons | 29.00 | 7.25 | |
| Foliar Fertilizer | 0 | Acres | 0.00 | 0.00 | |
| Burn Down Herbicides | 1 | Quarts | 7.00 | 7.00 | |
| Pre-Emerge | 1 | Acre | 16.00 | 16.00 | |
| Post-Emerge - Liberty | 65 | Ounces | 0.40 | 26.00 | |
| Fungicide | 1 | Acres | 15.00 | 15.00 | |
| Insecticide | 1 | Acre | 18.00 | 18.00 | |
| Drying Fuel & Electricity* | 0 | Bushels | 0.08 | 0.00 | |
| Miscellaneous Overhead | 1 | Acre | 6.00 | 6.00 | |
| Machinery Fuel | 1 | Acre | 8.00 | 8.00 | |
| Machinery Repairs | 1 | Acre | 8.00 | 8.00 | |
| Hauling & Transportation* | 35 | Bushels | 0.17 | 5.95 | |
| Labor | 1 | Acre | 15.00 | 15.00 | |
| Irrigation Fuel (Acre Inches) | 0 | Acre | 2.50 | 0.00 | |
| Irrigation Repairs | 0 | Acre | 10.00 | 0.00 | |
| Irrigation Labor | 0 | Acre | 5.00 | 0.00 | |
| Custom Application | 1 | Acre | 6.50 | 6.50 | |
| Crop Insurance | 1 | Acre | 10.00 | 10.00 | |
| Interest (1/2 year at 6.0%) | 0.5 | Acre | 6.00% | 6.97 | |
| Total Variable | | Acre | | \$ 239.27 | |
| Fixed Machinery Cost | 1 | Acre | 28.00 | 28.00 | |
| Fixed Buildings & Bins Cost | 1 | Acre | 7.00 | 7.00 | |
| Fixed Irrigation Cost | 0 | Acre | 86.00 | 0.00 | |
| Total (Excluding Land) | | Acre | | \$ 274.27 | |
| Land Real Estate Taxes | 1 | Acre | 0.20% | 6.00 | |
| Land Interest | 3000 | Acre | 2.50% | 75.00 | |
| Total Cost | | Acre | | \$ 355.27 | |

* Drying & Transportation Costs Change With Yields

Breakeven Price in \$/Bushel

| Yield Bu/Acre | Variable Cost | Total Cost Excluding Land | Total Cost | Yield Bu/Acre | Variable Cost | Total Cost Excluding Land | Total Cost |
|------------------|------------------|---------------------------------|---------------|------------------|------------------|---------------------------------|---------------|
| 20 | \$11.84 | \$13.59 | \$17.64 | 55 | \$4.41 | \$5.05 | \$6.52 |
| 25 | \$9.50 | \$10.90 | \$14.14 | 60 | \$4.06 | \$4.64 | \$5.99 |
| 30 | \$7.95 | \$9.11 | \$11.81 | 65 | \$3.76 | \$4.30 | \$5.54 |
| 35 | \$6.84 | \$7.84 | \$10.15 | 70 | \$3.50 | \$4.00 | \$5.16 |
| 40 | \$6.00 | \$6.88 | \$8.90 | 75 | \$3.28 | \$3.75 | \$4.83 |
| 45 | \$5.35 | \$6.13 | \$7.93 | 80 | \$3.09 | \$3.52 | \$4.54 |
| 50 | \$4.84 | \$5.54 | \$7.16 | 85 | \$2.91 | \$3.33 | \$4.28 |