

University of Missouri Extension Southeast Missouri Crop Budget

2021 Liberty Link Soybean Budget

| Variable Cost | Number of Units | Units | Cost \$/Unit | Total Cost/Acre | Your Cost \$/Acre |
|-------------------------------|--------------------|---------|-----------------|--------------------|----------------------|
| Seed | 1 | Bags | 55.00 | 55.00 | |
| Nitrogen | 0 | Pounds | 0.32 | 0.00 | |
| Phosphate | 40 | Pounds | 0.41 | 16.40 | |
| Potash | 70 | Pounds | 0.28 | 19.60 | |
| Limestone | 0.5 | Tons | 30.00 | 15.00 | |
| Foliar Fertilizer | 0 | Acres | 0.00 | 0.00 | |
| Burn Down Herbicides | 0 | Quarts | 0.00 | 0.00 | |
| Pre-Emerge | 1 | Acre | 17.00 | 17.00 | |
| Post-Emerge - Liberty | 58 | Ounces | 0.30 | 17.40 | |
| Fungicide | 1 | Acres | 15.00 | 15.00 | |
| Insecticide | 1 | Acre | 5.00 | 5.00 | |
| Drying Fuel & Electricity* | 0 | Bushels | 0.08 | 0.00 | |
| Miscellaneous Overhead | 1 | Acre | 12.00 | 12.00 | |
| Machinery Fuel | 1 | Acre | 9.00 | 9.00 | |
| Machinery Repairs | 1 | Acre | 13.00 | 13.00 | |
| Hauling & Transportation* | 45 | Bushels | 0.17 | 7.65 | |
| Labor | 1 | Acre | 20.00 | 20.00 | |
| Irrigation Fuel (Acre Inches) | 0 | Acre | 2.10 | 0.00 | |
| Irrigation Repairs | 0 | Acre | 12.00 | 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 7.0%) | 0.5 | Acre | 7.00% | 8.35 | |
| Total Variable | | Acre | | \$ 246.90 | |
| Fixed Machinery Cost | 1 | Acre | 40.00 | 40.00 | |
| Fixed Buildings & Bins Cost | 1 | Acre | 9.00 | 9.00 | |
| Fixed Irrigation Cost | 0 | Acre | 82.00 | 0.00 | |
| Total (Excluding Land) | | Acre | | \$ 295.90 | |
| Land Real Estate Taxes | 1 | Acre | 0.20% | 11.60 | |
| Land Interest | 5800 | Acre | 2.75% | 159.50 | |
| Total Cost | | Acre | | \$ 467.00 | |

* 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 | \$12.13 | \$14.58 | \$23.14 | 55 | \$4.52 | \$5.41 | \$8.52 |
| 25 | \$9.74 | \$11.70 | \$18.54 | 60 | \$4.16 | \$4.97 | \$7.83 |
| 30 | \$8.14 | \$9.78 | \$15.48 | 65 | \$3.85 | \$4.60 | \$7.24 |
| 35 | \$7.01 | \$8.41 | \$13.29 | 70 | \$3.59 | \$4.29 | \$6.73 |
| 40 | \$6.15 | \$7.38 | \$11.65 | 75 | \$3.36 | \$4.01 | \$6.29 |
| 45 | \$5.49 | \$6.58 | \$10.38 | 80 | \$3.16 | \$3.77 | \$5.91 |
| 50 | \$4.95 | \$5.93 | \$9.36 | 85 | \$2.98 | \$3.56 | \$5.57 |