

		Soybeans	
INCOME			
Gross Revenue			
Soybean Cash Price		\$ 11.01	
Expected Soybean Yield		50.00	Bushels
Acres		1	Acres
Total Gross Revenue		Per Acre \$ 550.50	
EXPENSES			
Direct (Variable) Expenses			
	<i>5-Year Average Price Range from FINBIN</i>	Per Acre	
Seed	\$54 - \$61	\$ 58.37	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Fertilizer	\$19 - \$45	\$ 129.44	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Crop Chemicals	\$41 - \$64	\$ 32.10	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Crop Insurance	\$17 - \$28	\$ 20.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Marketing	\$1 - \$3	\$ 2.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Drying Expense	\$0 - \$3	\$ -	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Gas/Fuel	\$13 - \$24	\$ 24.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Repairs & Maintenance	\$30 - \$40	\$ 36.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Custom Hire	\$8 - \$13	\$ 12.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Machinery Lease	\$0 - \$8	\$ 5.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Freight & Trucking	\$0 - \$5	\$ 3.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Storage	\$0 - \$2	\$ 1.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Utilities	\$3 - \$6	\$ 4.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Hired Labor	\$12 - \$20	\$ 14.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Irrigation, Energy (Diesel, Electric, etc.)	\$22 - \$36	\$ -	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Irrigation, Repair	\$20 - \$30	\$ -	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Interest (Operating)	\$3 - \$12	\$ 7.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Other	\$0 - \$16	\$ -	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Enter Expense		\$ -	
Enter Expense		\$ -	
Enter Expense		\$ -	
Total Direct Expense		\$ 347.90	
Return Over Direct Exp (Gross Revenue - Direct Exp)		\$202.60	
Overhead (Fixed) Expenses			
		Per Acre	
Farm Insurance	\$6 - \$12	\$ 9.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Land Rent	\$90 - \$220	\$ 143.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Interest (Term)	\$2 - \$7	\$ 5.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Depreciation (Machinery & Buildings)	\$35 - \$45	\$ 40.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Other	\$0 - \$16	\$ -	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Enter Expense		\$ -	
Enter Expense		\$ -	
Total Overhead Expense		\$ 197.00	
Total Direct & Overhead Expense		\$ 544.90	
Net Farm Income (Gross Rev - Direct & Overhead Exps)		\$ 5.60	
Break-Even Calculations			
Net Return (Profit) Break-even			
Break-even \$\$/Bushel		\$10.90	\$\$/Bushel
Break-even Yield/Acre		49.49	Bushels/Acre

Base expenses (above) in blue are averages from FINBIN data from Michigan, Minnesota, Ohio, and Wisconsin
 All entries in blue may be edited in Excel budget file

Seed Cost Calculator

<i>Soybean Unit Price (i.e. Bag)</i>	<i>Units/Pkg</i>	<i>Planting Rate</i>	<i>Cost/Acre</i>
(Enter Below)	(Enter Below)	(Enter Below)	
\$ 62.86	140000	130000	\$58.37

Fertilizer Calculator

<i>Product</i>	<i>Price/Ton</i>	<i>Units/Acre</i>	<i>Applied Rate</i>	<i>Cost/Acre</i>
	(Enter Below)		(Enter Below)	
28%	\$ 489.00	Gallons	0	\$0.00
ATS (12-0-0-26S)	\$ 550.00	Gallons	0	\$0.00
Urea (46-0-0)	\$ 823.00	Pounds	0	\$0.00
DAP (18-46-0)	\$ 841.00	Pounds	0	\$0.00
MAP (11-52-0)	\$ 893.00	Pounds	0	\$0.00
APP (10-34-0)	\$ 670.00	Gallons	10	\$39.20
Potash (0-0-60)	\$ 500.00	Pounds	100	\$25.00
K-Mag (0-0-22-11Mg-21S)	\$ -	Pounds	0	\$0.00
AMS (21-0-0-24S)	\$ 539.00	Pounds	38	\$10.24
Gypsum (0-0-0-17S-21Ca)	\$ -	Pounds	0	\$0.00
AgLime	\$ 55.00	Tons	1	\$55.00
Manure (solid)	\$ 50.00	Tons	0	\$0.00
Manure (liquid)	\$ 0.01	1,000 Gallons	0	\$0.00
Total				\$129.44

Note: Nitrogen not a recommended nutrient for soybeans

N	P	K	S
20	40	60	9

Chemical Calculator

<i>Weed Control</i>				
<i>Product</i>	<i>Package Price</i>	<i>Units/Acre</i>	<i>Applied Rate</i>	<i>Cost/Acre</i>
(Enter Below)	(Enter Below)	(Enter Below)	(Enter Below)	
Boundary (Generic)	\$ 44.14	pints	1.5	\$8.28
Liberty Ultra	\$ 63.98	ounces (gal)	24	\$12.00
Roundup PowerMax 3	\$ 31.98	ounces (gal)	20	\$5.00
Other	\$ -	none	0	\$0.00
Ammonium Sulfate	\$ 28.86	ounces (lb.)	1.5	\$2.71
Ammonium Sulfate (Liquid)	\$ -	none	0	\$0.00
Crop Oil Concentrate	\$ -	none	0	\$0.00
Drift Agent/Spreader	\$ -	none	0	\$0.00
Methylated Seed Oil (MSO)	\$ -	none	0	\$0.00
Non-Ionic Surfactant	\$ -	none	0	\$0.00
Other Adjuvants	\$ -	none	0	\$0.00

<i>Disease & Insect Control</i>				
<i>Product</i>	<i>Package Price</i>	<i>Units/Acre</i>	<i>Applied Rate</i>	<i>Cost/Acre</i>
(Enter Below)	(Enter Below)	(Enter Below)	(Enter Below)	
Cobra @ R1 (for White Mold)	\$ 65.98	ounces (gal)	8	\$4.12
Other	\$ -	none	0	\$0.00
Other	\$ -	none	0	\$0.00
Ammonium Sulfate	\$ -	none	0	\$0.00
Ammonium Sulfate (Liquid)	\$ -	none	0	\$0.00
Crop Oil Concentrate	\$ -	none	0	\$0.00
Drift Agent/Spreader	\$ -	none	0	\$0.00
Methylated Seed Oil (MSO)	\$ -	none	0	\$0.00
Non-Ionic Surfactant	\$ -	none	0	\$0.00
Other Adjuvants	\$ -	none	0	\$0.00

Total \$32.10

Note: All products listed in projected budget are for example purposes only and not considered an endorsement by Michigan State University.