

		<b>Corn</b>	
		<b>Non- Irrigated</b>	
<b>INCOME</b>			
<b>Gross Revenue</b>			
Corn Cash Price		\$ 4.35	
Expected Corn Yield		165.00	Bushels
Acres		1	Acres
Total Gross Revenue		<b>Per Acre</b> \$ 717.75	
<b>EXPENSES</b>			
<b>Direct (Variable) Expenses</b>			
	<i>5-Year Average Price Range from FINBIN</i>	<b>Per Acre</b>	
Seed	\$103 - \$123	\$ 102.90	<div style="width: 80%;"></div>
Fertilizer	\$123 - \$229	\$ 166.10	<div style="width: 95%;"></div>
Crop Chemicals	\$35 - \$54	\$ 57.85	<div style="width: 40%;"></div>
Crop Insurance	\$20 - \$33	\$ 27.00	<div style="width: 15%;"></div>
Marketing	\$1 - \$3	\$ 2.00	<div style="width: 5%;"></div>
Drying Expense	\$9 - \$18	\$ 16.00	<div style="width: 10%;"></div>
Gas/Fuel	\$21 - \$39	\$ 35.00	<div style="width: 25%;"></div>
Repairs & Maintenance	\$48 - \$65	\$ 55.00	<div style="width: 35%;"></div>
Custom Hire	\$13 - \$18	\$ 15.00	<div style="width: 10%;"></div>
Machinery Lease	\$0 - \$9	\$ 8.00	<div style="width: 5%;"></div>
Freight & Trucking	\$0 - \$5	\$ 3.00	<div style="width: 5%;"></div>
Storage	\$0 - \$2	\$ 1.50	<div style="width: 5%;"></div>
Utilities	\$3 - \$8	\$ 5.00	<div style="width: 5%;"></div>
Hired Labor	\$8 - \$22	\$ 18.00	<div style="width: 10%;"></div>
Irrigation, Energy (Diesel, Electric, etc.)	\$22 - \$36	\$ -	
Irrigation, Repair	\$20 - \$30	\$ -	
Interest (Operating)	\$8 - \$20	\$ 14.00	<div style="width: 10%;"></div>
Other	\$0 - \$16	\$ 8.00	<div style="width: 5%;"></div>
Enter Expense		\$ -	
Enter Expense		\$ -	
Enter Expense		\$ -	
Total Direct Expense		<b>\$ 534.35</b>	
<b>Return Over Direct Exp</b> (Gross Revenue - Direct Exp)		<b>\$183.40</b>	
<b>Overhead (Fixed) Expenses</b>			
		<b>Per Acre</b>	
Farm Insurance	\$9 - \$15	\$ 12.00	<div style="width: 5%;"></div>
Land Rent	\$90 - \$230	\$ 143.00	<div style="width: 95%;"></div>
Interest (Term)	\$5 - \$10	\$ 8.00	<div style="width: 5%;"></div>
Depreciation (Machinery & Buildings)	\$40 - \$65	\$ 55.00	<div style="width: 35%;"></div>
Other	\$0 - \$16	\$ 6.00	<div style="width: 5%;"></div>
Enter Expense		\$ -	
Enter Expense		\$ -	
Total Overhead Expense		<b>\$ 224.00</b>	
Total Direct & Overhead Expense		<b>\$ 758.35</b>	
<b>Net Farm Income</b> (Gross Rev - Direct & Overhead Exps)		<b>\$ (40.60)</b>	
<b>Break-Even Calculations</b>			
<b>Net Return (Profit) Break-even</b>			
Break-even \$\$/Bushel		\$4.60	\$\$/Bushel
Break-even Yield/Acre		174.33	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>Corn Unit Price (i.e. Bag)</i>	<i>Units/Pkg</i>	<i>Planting Rate</i>	<i>Cost/Acre</i>
<small>(Enter Below)</small>	<small>(Enter Below)</small>	<small>(Enter Below)</small>	
\$ <b>280.00</b>	<b>80000</b>	<b>29400</b>	<b>\$102.90</b>

### Fertilizer Calculator

<i>Product</i>	<i>Price/Ton</i>	<i>Units/Acre</i>	<i>Applied Rate</i>	<i>Cost/Acre</i>
	<small>(Enter Below)</small>		<small>(Enter Below)</small>	
28% UAN (28-0-0)	\$ <b>513.00</b>	Gallons	<b>31</b>	\$84.84
Anhydrous (82-0-0)	\$ <b>1,100.00</b>	Pounds	<b>0</b>	\$0.00
ATS (12-0-0-26S)	\$ <b>550.00</b>	Gallons	<b>0</b>	\$0.00
Urea (46-0-0)	\$ <b>853.00</b>	Pounds	<b>0</b>	\$0.00
DAP (18-46-0)	\$ <b>857.00</b>	Pounds	<b>82</b>	\$35.14
MAP (11-52-0)	\$ <b>894.00</b>	Pounds	<b>0</b>	\$0.00
APP (10-34-0)	\$ <b>700.00</b>	Gallons	<b>5</b>	\$20.48
Potash (0-0-60)	\$ <b>503.00</b>	Pounds	<b>55</b>	\$13.83
K-Mag (0-0-22-11Mg-21S)	\$ <b>-</b>	Pounds	<b>0</b>	\$0.00
AMS (21-0-0-24S)	\$ <b>675.00</b>	Pounds	<b>35</b>	\$11.81
Gypsum (0-0-0-17S-21Ca)	\$ <b>-</b>	Pounds	<b>0</b>	\$0.00
AgLime	\$ <b>55.00</b>	Tons	<b>0</b>	\$0.00
Manure (solid)	\$ <b>50.00</b>	Tons	<b>0</b>	\$0.00
Manure liquid	\$ <b>0.01</b>	1,000 Gallons	<b>0</b>	\$0.00

<i>Activity</i>	<i>Rate</i>	<i>Trips/Season</i>	<i>Cost/Acre</i>
Custom Application	\$ <b>10.00</b>	<b>0</b>	\$0.00

**Total                    \$166.10**

Add "N Credit" to "Total N" →

\*See note for more details

N	P	K	S
121	58	33	8

**Chemical Calculator**

**Weed Control**

<i>Product</i> <small>(Enter Below)</small>	<i>Package Price</i> <small>(Enter Below)</small>	<i>Units/Acre</i> <small>(Enter Below)</small>	<i>Applied Rate</i> <small>(Enter Below)</small>	<i>Cost/Acre</i>
<b>Armezon Pro</b>	\$ 200.00	ounces (gal)	20	\$31.25
<b>Atrazine 4L</b>	\$ 49.00	quart	1	\$12.25
<b>Roundup PowerMax 3</b>	\$ 31.98	ounces (gal)	20	\$5.00
<b>Other</b>	\$ -	none	0	\$0.00
<b>Other</b>	\$ -	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
<b>Other Adjuvants</b>	\$ -	none	0	\$0.00

**Disease & Insect Control**

<i>Product</i> <small>(Enter Below)</small>	<i>Package Price</i> <small>(Enter Below)</small>	<i>Units/Acre</i> <small>(Enter Below)</small>	<i>Applied Rate</i> <small>(Enter Below)</small>	<i>Cost/Acre</i>
<b>Other</b>	\$ -	none	0	\$0.00
<b>Other</b>	\$ -	none	0	\$0.00
<b>Other</b>	\$ -	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
<b>Other Adjuvants</b>	\$ -	none	0	\$0.00

<i>Activity</i>	<i>Rate</i>	<i>Trips/Season</i>	<i>Cost/Acre</i>
Scouting <i>(see note**)</i>	\$ 6.65	1	\$6.65
Custom Application	\$ 10.00	0	\$0.00

**Total                    \$57.85**

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