

		Corn	
		Irrigated	
INCOME			
Gross Revenue			
Corn Cash Price		\$ 4.35	
Expected Corn Yield		215.00	Bushels
Acres		1	Acres
Total Gross Revenue		Per Acre \$ 935.25	
EXPENSES			
Direct (Variable) Expenses			
	<i>5-Year Average Price Range from FINBIN</i>	Per Acre	
Seed	\$97 - \$140	\$ 136.50	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Fertilizer	\$136 - \$256	\$ 246.14	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Crop Chemicals	\$35 - \$54	\$ 73.26	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Crop Insurance	\$20 - \$40	\$ 30.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Marketing	\$1 - \$4	\$ 2.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Drying Expense	\$9 - \$20	\$ 20.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Gas/Fuel	\$21 - \$39	\$ 40.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Repairs & Maintenance	\$48 - \$70	\$ 64.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Custom Hire	\$13 - \$18	\$ 18.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Machinery Lease	\$0 - \$9	\$ 11.00	<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	\$ 2.50	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Utilities	\$3 - \$8	\$ 5.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Hired Labor	\$8 - \$33	\$ 30.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Irrigation, Energy (Diesel, Electric, etc.)	\$22 - \$36	\$ -	
Irrigation, Repair	\$20 - \$30	\$ -	
Interest (Operating)	\$8 - \$20	\$ 14.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Other	\$0 - \$16	\$ 8.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Enter Expense		\$ -	
Enter Expense		\$ -	
Enter Expense		\$ -	
Total Direct Expense		\$ 703.40	
Return Over Direct Exp (Gross Revenue - Direct Exp)		\$231.85	
Overhead (Fixed) Expenses			
		Per Acre	
Farm Insurance	\$9 - \$17	\$ 13.50	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Land Rent	\$250 - \$321	\$ 260.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Interest (Term)	\$6 - \$13	\$ 10.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Depreciation (Machinery & Buildings)	\$54 - \$79	\$ 67.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Other	\$0 - \$16	\$ 6.00	<div style="width: 100%; height: 10px; background-color: #90EE90;"></div>
Enter Expense		\$ -	
Enter Expense		\$ -	
Total Overhead Expense		\$ 356.50	
Total Direct & Overhead Expense		\$ 1,059.90	
Net Farm Income (Gross Rev - Direct & Overhead Exps)		\$ (124.65)	
Break-Even Calculations			
Net Return (Profit) Break-even			
Break-even \$\$/Bushel		\$4.93	\$\$/Bushel
Break-even Yield/Acre		243.65	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

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

Seed Cost Calculator			
Corn Unit Price (i.e. Bag)	Units/Pkg	Planting Rate	Cost/Acre
(Enter Below)	(Enter Below)	(Enter Below)	
\$ 325.00	80000	33600	\$136.50

Fertilizer Calculator				
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Product	Price/Ton (Enter Below)	Units/Acre	Applied Rate (Enter Below)	Cost/Acre
28% UAN (28-0-0)	\$ 513.00	Gallons	51.5	\$140.95
Anhydrous (82-0-0)	\$ 1,100.00	Pounds	0	\$0.00
ATS (12-0-0-26S)	\$ 550.00	Gallons	0	\$0.00
Urea (46-0-0)	\$ 853.00	Pounds	0	\$0.00
DAP (18-46-0)	\$ 857.00	Pounds	120	\$51.42
MAP (11-52-0)	\$ 894.00	Pounds	0	\$0.00
APP (10-34-0)	\$ 700.00	Gallons	5	\$20.48
Potash (0-0-60)	\$ 503.00	Pounds	72	\$18.11
K-Mag (0-0-22-11Mg-21S)	\$ -	Pounds	0	\$0.00
AMS (21-0-0-24S)	\$ 675.00	Pounds	45	\$15.19
Gypsum (0-0-0-17S-21Ca)	\$ -	Pounds	0	\$0.00
AgLime	\$ 55.00	Tons	0	\$0.00
Manure (solid)	\$ 50.00	Tons	0	\$0.00
Manure liquid	\$ 0.01	1,000 Gallons	0	\$0.00

Activity	Rate	Trips/Season	Cost/Acre
Custom Application	\$ 10.00	0	\$0.00

Total \$246.14

N	P	K	S
191	75	43	11

Add "N Credit" to "Total N" →

*See note for more details

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>
Armezon Pro (pre)	\$ 200.00	ounces (gal)	20	\$31.25
Atrazine 4L (post)	\$ 49.00	quart	1	\$12.25
Roundup PowerMax 3 (post)	\$ 31.98	ounces (gal)	20	\$5.00
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

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>
Veltyma	\$ 312.00	ounces (gal)	7	\$17.06
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	\$ 21.00	quart	0.2	\$1.05
Other Adjuvants	\$ -	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 **\$73.26**

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