

## 2024 Corn, Conventional Tillage, Non-Irrigated Budget

	Unit	Quantity	Price	Total	Your Farm
<b>Revenue<sup>1</sup></b>				<b>Gross Revenue (\$/Acre)</b>	
Corn	Bu/acre	175	\$4.95	\$866.25	_____
Government Payments	\$/acre	1	\$0.00	\$0.00	_____
Other Revenue	\$/acre	1	\$0.00	\$0.00	_____
			<b>Total Revenue</b>	<b>\$866.25</b>	_____

<b>Variable Expenses</b>					
Seed <sup>2</sup>	Thous.	32	\$3.60	\$115.20	_____
Fertilizer & Lime (Table 1)	Acre	1	\$213.86	\$213.86	_____
Chemical (Table 2)	Acre	1	\$58.67	\$58.67	_____
Crop Scout or Consultant	Acre	1	\$10.00	\$10.00	_____
Repair & Maintenance (Table 3)	Acre	1	\$51.47	\$51.47	_____
Fuel, Oil & Filter (Table 3)	Acre	1	\$35.80	\$35.80	_____
Operator Labor (Table 3)	Acre	1	\$19.77	\$19.77	_____
Crop Insurance <sup>6</sup>	Acre	1	\$20.40	\$20.40	_____
Machinery Rental	Acre	1	\$0.00	\$0.00	_____
Custom Work	Acre	1	\$0.00	\$0.00	_____
Drying (Fuel/Electric)	Bu	175	\$0.00	\$0.00	_____
Other	Acre	1	\$0.00	\$0.00	_____
Other	Acre	1	\$0.00	\$0.00	_____
Operating Interest <sup>7</sup>	%	\$525.17	8.50%	\$22.32	_____
			<b>Total Variable Expenses</b>	<b>\$547.49</b>	_____
			<b>Return Above Variable Expenses</b>	<b>\$318.76</b>	_____

<b>Fixed Expenses</b>					
Machinery					
Capital Recovery (Table 3)	Acre	1	\$145.04	\$145.04	_____
Other Fixed Machinery Costs	Acre	1	\$0.00	\$0.00	_____
General Overhead	Acre	1	\$20.00	\$20.00	_____
Cash Rent <sup>8</sup>	Acre	1	\$113.00	\$113.00	_____
Insurance (Non-Machinery)	Acre	1	\$0.00	\$0.00	_____
Management Labor	Acre	1	\$25.00	\$25.00	_____
Other	Acre	1	\$0.00	\$0.00	_____
			<b>Total Fixed Expenses</b>	<b>\$303.04</b>	_____
			<b>Total Expenses</b>	<b>\$850.52</b>	_____
			<b>Return Above Specified Expenses</b>	<b>\$15.73</b>	_____

### Breakeven Price for Selected Yield

Yield (bu)	Variable Cost (\$/bu)	Total Specified Cost (\$/bu)
125	\$4.38	\$6.80
135	\$4.06	\$6.30
145	\$3.78	\$5.87
155	\$3.53	\$5.49
165	\$3.32	\$5.15
<b>175</b>	<b>\$3.13</b>	<b>\$4.86</b>
185	\$2.96	\$4.60
195	\$2.81	\$4.36
205	\$2.67	\$4.15
215	\$2.55	\$3.96
225	\$2.43	\$3.78

### Breakeven Yield for Selected Price

Price (\$/bu)	Variable Cost (bu)	Total Specified Cost (bu)
\$3.70	148	230
\$3.95	139	215
\$4.20	130	203
\$4.45	123	191
\$4.70	116	181
<b>\$4.95</b>	<b>111</b>	<b>172</b>
\$5.20	105	164
\$5.45	100	156
\$5.70	96	149
\$5.95	92	143
\$6.20	88	137

**Table 1. Fertilizer & Lime<sup>3</sup>**

Fertilizer	Description	Quantity (lbs.)	Price (\$)	Total (\$/Acre)	Your Farm (\$/Acre)
Nitrogen	Urea - Planting	60	\$0.61	\$36.60	
	UAN 32 - Side dress	120	\$0.64	\$76.80	
Phosphorous	P <sub>2</sub> O <sub>5</sub>	70	\$0.65	\$45.50	
Potassium	K <sub>2</sub> O	70	\$0.43	\$30.10	
Zinc Sulfate		15	\$0.50	\$7.50	
Boron		1	\$2.36	\$2.36	
Lime		1,000	\$30.00	\$15.00	
Other		0	\$0.00	\$0.00	
Other		0	\$0.00	\$0.00	
Total				\$213.86	

**Table 2. Chemicals<sup>4</sup>**

Chemical	Function	Description	Unit	Number of Apps.	Quantity	Price	Total (\$/Acre)	Your Farm (\$/Acre)
Herbicides	Pre-Emerge	Atrazine	qt.	1	1	\$4.90	\$4.90	
		Other		0	0	\$0.00	\$0.00	
	Post-Emerge	Halax GT	pt.	1	3.6	\$9.95	\$35.82	
		Atrazine	qt.	1	1.5	\$4.90	\$7.35	
		Other		0	0.0	\$0.00	\$0.00	
Insecticides	Harvest Aid	Gramoxone SL		1	32	\$0.33	\$10.60	
		Other		0	0	\$0.00	\$0.00	
	Other		0	0	\$0.00	\$0.00		
	Other		0	0	\$0.00	\$0.00		
	Other		0	0	\$0.00	\$0.00		
Fungicides	Other		0	0	\$0.00	\$0.00		
	Other		0	0	\$0.00	\$0.00		
Total						\$58.67		

**Table 3. Machinery<sup>5</sup>**

	Power Unit	Implement	Size	Capital Recovery	Repairs & Maintenance	Fuel, Oil & Filter	Labor	Total	Your Farm (\$/Acre)
Chisel	Tractor, 215 hp	Chisel Plow	21'	\$7.34	\$2.03	\$3.96	\$2.31	\$15.64	
Disk	Tractor, 215 hp	Tandem Disk	29'	\$12.20	\$2.02	\$3.18	\$1.86	\$19.25	
Prepare Seedbed	Tractor, 215 hp	Do-All	26.5'	\$7.69	\$1.74	\$3.33	\$1.95	\$14.71	
Plant	Tractor, 215 hp	Planter	16-row	\$16.94	\$2.88	\$2.72	\$1.59	\$24.12	
Fertilize	Tractor, 215 hp	Fertilize Spreader		\$5.38	\$1.60	\$2.88	\$1.68	\$11.55	
Fertilize	Tractor, 215 hp	Fertilize Spreader		\$5.38	\$1.60	\$2.88	\$1.68	\$11.55	
Fertilize	Tractor, 215 hp	Fertilize Spreader		\$5.38	\$1.60	\$2.88	\$1.68	\$11.55	
Weed Control	SP Boom Sprayer		90'	\$10.08	\$0.29	\$0.44	\$0.32	\$11.13	
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Weed Control	SP Boom Sprayer		90'	\$10.08	\$0.29	\$0.44	\$0.32	\$11.13	
Harvest	Combine	Corn Head	8-row	\$39.39	\$35.05	\$10.09	\$3.27	\$87.80	
Haul	Tractor, 215 hp	Grain Cart	800 bu	\$7.40	\$0.84	\$1.77	\$1.03	\$11.03	
Haul	Semi Tractor/Trailer			\$7.68	\$1.25	\$0.79	\$1.76	\$11.48	
Other				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Total				\$145.04	\$51.47	\$35.80	\$19.77	\$252.08	