

2024 Corn, No-Till, Non-Irrigated Budget

	Unit	Quantity	Price	Total	Your Farm
Revenue¹					
			Gross Revenue (\$/Acre)		
Corn	Bu/acre	175	\$4.95	\$866.25	_____
Government Payments	\$/acre	1	\$0.00	\$0.00	_____
Other Revenue	\$/acre	1	\$0.00	\$0.00	_____
			Total Revenue	\$866.25	_____
Variable Expenses					
Seed ²	Thous.	32	\$3.60	\$115.20	_____
Fertilizer & Lime (Table 1)	Acre	1	\$213.86	\$213.86	_____
Chemical (Table 2)	Acre	1	\$71.92	\$71.92	_____
Crop Scout or Consultant	Acre	1	\$10.00	\$10.00	_____
Repair & Maintenance (Table 3)	Acre	1	\$45.98	\$45.98	_____
Fuel, Oil & Filter (Table 3)	Acre	1	\$25.76	\$25.76	_____
Operator Labor (Table 3)	Acre	1	\$13.98	\$13.98	_____
Crop Insurance ⁶	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 ⁷	%	\$517.09	8.50%	\$21.98	_____
			Total Variable Expenses	\$539.07	_____
			Return Above Variable Expenses	\$327.18	_____
Fixed Expenses					
Machinery					
Capital Recovery (Table 3)	Acre	1	\$127.89	\$127.89	_____
Other Fixed Machinery Costs	Acre	1	\$0.00	\$0.00	_____
General Overhead	Acre	1	\$20.00	\$20.00	_____
Cash Rent ⁸	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	_____
			Total Fixed Expenses	\$285.89	_____
			Total Expenses	\$824.96	_____
			Return Above Specified Expenses	\$41.29	_____

Breakeven Price for Selected Yield

Yield (bu)	Variable Cost (\$/bu)	Total Specified Cost (\$/bu)
125	\$4.31	\$6.60
135	\$3.99	\$6.11
145	\$3.72	\$5.69
155	\$3.48	\$5.32
165	\$3.27	\$5.00
175	\$3.08	\$4.71
185	\$2.91	\$4.46
195	\$2.76	\$4.23
205	\$2.63	\$4.02
215	\$2.51	\$3.84
225	\$2.40	\$3.67

Breakeven Yield for Selected Price

Price (\$/bu)	Variable Cost (bu)	Total Specified Cost (bu)
\$3.70	146	223
\$3.95	136	209
\$4.20	128	196
\$4.45	121	185
\$4.70	115	176
\$4.95	109	167
\$5.20	104	159
\$5.45	99	151
\$5.70	95	145
\$5.95	91	139
\$6.20	87	133

Table 1. Fertilizer & Lime³

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 ₂ O ₅	70	\$0.65	\$45.50	
Potassium	K ₂ 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. Chemicals⁴

Chemical	Function	Description	Unit	Number of Apps.	Quantity	Price	Total (\$/Acre)	Your Farm (\$/Acre)
Herbicides	Burndown	Gramoxone SL	oz.	1	40	\$0.33	\$13.25	
	Pre-Emerge	Atrazine	qt.	1	1.5	\$4.90	\$7.35	
		Other		0	0	\$0.00	\$0.00	
	Post-Emerge	Halex GT	pt.	1	3.6	\$9.95	\$35.82	
		Atrazine	qt.	1	1	\$4.90	\$4.90	
		Other		0	0.0	\$0.00	\$0.00	
	Harvest Aid	Gramoxone SL		1	32	\$0.33	\$10.60	
		Other		0	0	\$0.00	\$0.00	
Insecticides		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							\$71.92	

Table 3. Machinery⁵

Power Unit	Implement	Size	Capital Recovery	Repairs & Maintenance	Fuel, Oil & Filter	Labor	Total	Your Farm (\$/Acre)
Burndown	SP Boom Sprayer	90'	\$10.08	\$0.29	\$0.44	\$0.32	\$11.13	
Fertilize	Tractor, 215 hp		\$5.38	\$1.60	\$2.88	\$1.68	\$11.55	
Plant	Tractor, 215 hp	16-row	\$16.94	\$2.88	\$2.72	\$1.59	\$24.12	
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	
Fertilize	Tractor, 215 hp		\$5.38	\$1.60	\$2.88	\$1.68	\$11.55	
Fertilize	Tractor, 215 hp		\$5.38	\$1.60	\$2.88	\$1.68	\$11.55	
Harvest	Combine	8-row	\$39.39	\$35.05	\$10.09	\$3.27	\$87.80	
Haul	Tractor, 215 hp	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			\$127.89	\$45.98	\$25.76	\$13.98	\$213.61	