

2024 Corn, No-Till, Irrigated Budget

	<u>Unit</u>	<u>Quantity</u>	<u>Price</u>	<u>Total</u>	<u>Your Farm</u>
Revenue¹			Gross Revenue (\$/Acre)		
Corn	Bu/acre	240	\$4.95	\$1,188.00	_____
Government Payments	\$/acre	1	\$0.00	\$0.00	_____
Other Revenue	\$/acre	1	\$0.00	\$0.00	_____
			Total Revenue \$1,188.00		_____
Variable Expenses					
Seed ²	Thous.	36.5	\$3.60	\$131.40	_____
Fertilizer & Lime (Table 1)	Acre	1	\$273.26	\$273.26	_____
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	\$46.48	\$46.48	_____
Fuel, Oil & Filter (Table 3)	Acre	1	\$26.07	\$26.07	_____
Operator Labor (Table 3)	Acre	1	\$14.68	\$14.68	_____
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	240	\$0.00	\$0.00	_____
Irrigation Energy Cost ⁹	Ac-in	9	\$7.50	\$67.50	_____
Irrigation System R&M & Labor ⁹	Ac-in	9	\$3.20	\$28.80	_____
Other Irrigation Costs	Acre	1	\$0.00	\$0.00	_____
Other	Acre	1	\$0.00	\$0.00	_____
Other	Acre	1	\$0.00	\$0.00	_____
Operating Interest ⁷	%	\$690.50	8.50%	\$29.35	_____
			Total Variable Expenses \$719.85		_____
			Return Above Variable Expenses \$468.15		_____
Fixed Expenses					
Machinery					
Capital Recovery (Table 3)	Acre	1	\$130.95	\$130.95	_____
Other Fixed Machinery Costs	Acre	1	\$0.00	\$0.00	_____
Capital Recovery (Irrigation Equipment) ⁹	Acre	1	\$100.00	\$100.00	_____
Other Fixed Irrigation Costs	Acre	1	\$0.00	\$0.00	_____
General Overhead	Acre	1	\$25.00	\$25.00	_____
Cash Rent ⁸	Acre	1	\$197.00	\$197.00	_____
Insurance (Non-Machinery)	Acre	1	\$0.00	\$0.00	_____
Management Labor ¹⁰	Acre	1	\$25.00	\$50.00	_____
Other	Acre	1	\$0.00	\$0.00	_____
			Total Fixed Expenses \$502.95		_____
			Total Expenses \$1,222.79		_____
			Return Above Specified Expenses -\$34.79		_____

Breakeven Price for Selected Yield

Yield (bu)	Variable Cost (\$/bu)	Total Specified Cost (\$/bu)
190	\$3.79	\$6.44
200	\$3.60	\$6.11
210	\$3.43	\$5.82
220	\$3.27	\$5.56
230	\$3.13	\$5.32
240	\$3.00	\$5.09
250	\$2.88	\$4.89
260	\$2.77	\$4.70
270	\$2.67	\$4.53
280	\$2.57	\$4.37
290	\$2.48	\$4.22

Breakeven Yield for Selected Price

Price (\$/bu)	Variable Cost (bu)	Total Specified Cost (bu)
\$3.70	195	330
\$3.95	182	310
\$4.20	171	291
\$4.45	162	275
\$4.70	153	260
\$4.95	145	247
\$5.20	138	235
\$5.45	132	224
\$5.70	126	215
\$5.95	121	206
\$6.20	116	197

Table 1. Fertilizer & Lime³

Fertilizer	Description	Quantity (lbs.)	Price (\$)	Total (\$/Acre)	Your Farm (\$/Acre)
Nitrogen	Urea - Planting	80	\$0.61	\$48.80	_____
	UAN 32 - Side dress	160	\$0.64	\$102.40	_____
Phosphorous	P ₂ O ₅	90	\$0.65	\$58.50	_____
Potassium	K ₂ O	90	\$0.43	\$38.70	_____
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				\$273.26	_____

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	Atrazine	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	Other			1	32	\$0.33	\$10.60	_____
				0	0	\$0.00	\$0.00	_____
	Other			0	0	\$0.00	\$0.00	_____
	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	_____
Plant	Tractor, 215 hp	Planter	16-row	\$16.94	\$2.88	\$2.72	\$1.59	\$24.12	_____
	Fertilize	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	_____
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	_____
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			\$10.73	\$1.75	\$1.10	\$2.46	\$16.04	_____
Other				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	_____
Total				\$130.95	\$46.48	\$26.07	\$14.68	\$218.17	_____