

2024 UNL #031 Corn, Irrigated-Electric Pivot, No Till, Continuous (SmartStax RIB Complete) - 2024

Total acres: 135 Yield per acre: 250 bushels

Economic Enterprise Budget

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Revenue		Value / bushel	Value / acre	Total
Total Gross Revenue	Add Revenue		\$ ---	\$ ---
Operating Costs	Amount / acre	Cost / unit	Cost / acre	Total
▼ Seed			\$147.48	\$19,909.13
Corn Seed, SmartStax, RIB, Complete	34.7 kseed	\$4.25 / kseed	\$147.48	\$19,909.80
▼ Fertilizer			\$151.80	\$20,493.00
10-34-0	6 gallon	\$3.30 / gallon	\$19.80	\$2,673.00
32-0-0 (Applied by R2)	220 lbsN	\$0.60 / lbsN	\$132.00	\$17,820.00
▼ Pesticide			\$89.87	\$12,131.98
21-0-0-24S	2.21 pound	\$0.40 / pound	\$0.88	\$118.80
Brigade 2EC	1.024 ounce	\$190.00 / gallon	\$1.52	\$205.20
Mustang Maxx	0.6 ounce	\$240.00 / gallon	\$1.13	\$152.55
Armezon Pro	11.2 ounce	\$190.00 / gallon	\$16.63	\$2,245.05
Acuron	2.5 quart	\$85.00 / gallon	\$53.13	\$7,172.55
Glyphosate 5# w/ Surfactant	41.6 ounce	\$17.00 / gallon	\$5.53	\$746.55
2,4-D Ester LV4	0.5 pint	\$36.00 / gallon	\$2.25	\$303.75
Revytec	2.4 ounce	\$470.00 / gallon	\$8.81	\$1,189.35
▼ Custom Services			\$41.10	\$5,548.50
Apply Insecticide - custom	10 %	\$9.00 / acre	\$0.90	\$121.50
Spray Fungicide - Custom	30 %	\$9.00 / acre	\$2.70	\$364.50
Haul grain	250 bushel	\$0.15 / bushel	\$37.50	\$5,062.50
▼ Labor			\$20.00	\$2,699.61
Labor (Paid)			\$20.00	\$2,699.61
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ Fuel and Energy			\$40.30	\$5,440.74
Originally Allocated			\$40.30	\$5,440.74
Reconciled Difference			\$0.00	\$0.00
▼ Repairs and Maintenance			\$23.92	\$3,229.50
Originally Allocated			\$23.92	\$3,229.50
Reconciled Difference			\$0.00	\$0.00
▼ Other:			\$74.50	\$10,057.50
Additional Irrigation Charges			\$0.00	\$0.00
Crop Insurance			\$ 14.00	\$1,890.00
Crop Marketing		\$0.00	\$0.00	\$0.00
Crop Scouting			\$13.00	\$1,755.00
Crop Drying		\$0.01	\$2.50	\$337.50
Crop Storage		\$0.00	\$0.00	\$0.00
Other Materials			\$45.00	\$6,075.00
Interest on Operating Capital			\$22.09	\$2,981.62
Total Operating Costs		\$2.44/bu	\$611.05	\$82,491.56
Net Return Above Total Operating		\$ ---	\$ ---	\$ ---
Ownership and Overhead Costs		Cost / bushel	Cost / acre	Total
General Overhead			\$33.00	\$4,455.00
Facility Cash Costs			\$0.00	\$0.00
Vehicle Cash Costs			\$0.00	\$0.00
▼ Land Rent:			\$0.00	\$0.00
Cash Rent			\$0.00	\$0.00
Allocated Land Rent			\$0.00	\$0.00

Category	amt applied	cost per unit	cost per acre	Enterprise Total
▼ Real Estate Taxes:			\$109.50	\$14,782.50
Direct R.E. Taxes			\$109.50	\$14,782.50
Indirect R.E. Taxes			\$0.00	\$0.00
Equipment Depreciation			\$84.19	\$11,365.00
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$19.78	\$2,669.97
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$263.00	\$35,505.00
Total Ownership and Overhead Costs		\$2.04/bu	\$509.46	\$68,777.47
Total Economic Cost		\$4.48/bu	\$1,120.51	\$151,269.04
Net Return Above Total Costs		\$ ---	\$ ---	\$ ---

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Field Operation Costs / Acre

Field Operation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
Spray Spring Burndown Herbicide	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	0.49	0.39	0.15	0.47	0.19	
UNL Boom Sprayer			0.54	0.96	0.26	
	\$0.49	\$0.39	\$0.68	\$1.43	\$0.45	\$3.43
Spray Herbicide	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	0.97	0.77	0.29	0.93	0.39	
UNL Boom Sprayer			1.07	1.93	0.51	
	\$0.97	\$0.77	\$1.36	\$2.86	\$0.90	\$6.87
Plant No Till	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	3.30	2.62	1.00	3.17	1.32	
UNL Planter			6.56	6.00	3.96	
	\$3.30	\$2.62	\$7.56	\$9.18	\$5.28	\$27.93
Spray Herbicide	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	0.78	0.62	0.24	0.75	0.31	
UNL Boom Sprayer			0.86	1.54	0.41	
	\$0.78	\$0.62	\$1.09	\$2.29	\$0.72	\$5.49
Harvest	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Combine 2	2.75	3.64	2.52	30.30	4.09	
UNL Corn Head 1			0.68	26.00	1.95	
	\$2.75	\$3.64	\$3.20	\$56.30	\$6.04	\$71.93
Haul corn with cart	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	1.65	2.18	0.38	1.20	1.86	
UNL Grain Cart			0.76	1.50	0.91	
	\$1.65	\$2.18	\$1.14	\$2.70	\$2.77	\$10.43
UNL Pivot E 125' Lift	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
System	10.06		5.93	6.56	2.46	
Pump			1.48	0.89	0.33	
Power Unit		30.09	1.48	0.74	0.28	
Well			0.00	1.23	0.56	
	\$10.06	\$30.09	\$8.89	\$9.42	\$3.63	\$62.09
Operations Totals:	\$20.00	\$40.30	\$23.92	\$84.19	\$19.78	\$188.18

Machine costs shown in this report do not include taxes, housing, insurance or licensing costs. 'THILM' expenses may be entered in detail for your own enterprises as cash overhead costs and summarized in 'Ownership and Overhead' costs.

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Purchased Materials, Inputs, and Services

Operation / Name	% of acres Applied	Qty Applied / acre	Cost / unit	Total \$ / acre
Spray Spring Burndown Herbicide	% acres	qty / acre	cost / unit	total / acre
Glyphosate 5# w/ Surfactant	50 %	32 ounce	\$17.00/ gallon	2.13
21-0-0-24S	50 %	1.7 pound	\$0.40/ pound	0.34
2,4-D Ester LV4	50 %	1 pint	\$36.00/ gallon	2.25
				\$4.71
Spray Herbicide	% acres	qty / acre	cost / unit	total / acre
Acuron	100 %	2.5 quart	\$85.00/ gallon	53.13
				\$53.13
Plant No Till	% acres	qty / acre	cost / unit	total / acre
10-34-0	100 %	6 gallon	\$3.30/ gallon	19.80
Corn Seed, SmartStax, RIB, Complete	100 %	34.7 kseed	\$340.00/ seedunit	147.48
				\$167.28
Spray Herbicide	% acres	qty / acre	cost / unit	total / acre
Glyphosate 5# w/ Surfactant	80 %	32 ounce	\$17.00/ gallon	3.40
21-0-0-24S	80 %	1.7 pound	\$0.40/ pound	0.54
Armezon Pro	80 %	14 ounce	\$190.00/ gallon	16.63
				\$20.57
Spray Insecticide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Apply Insecticide - custom	10 %		\$8.50/ acre	0.85
Brigade 2EC	20 %	5.12 ounce	\$190.00/ gallon	1.52
Mustang Maxx	20 %	3 ounce	\$240.00/ gallon	1.13
				\$3.50
Spray Fungicide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Spray Fungicide - Custom	30 %		\$8.50/ acre	2.55
Revytec	30 %	8 ounce	\$470.00/ gallon	8.81
				\$11.36
Truck grain (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Haul grain	100 %		\$0.15/ bushel	37.50
				\$37.50
UNL Pivot E 125' Lift	% acres	qty / acre	cost / unit	total / acre
32-0-0 (Applied by R2)	100.0 %	220 lbsN	\$0.60/ lbsN	132.00
Electricity Fixed	100.0 %	1 acre	\$45.00/ acre	45.00
				\$177.00
Material, Input, and Service Total:				\$475.04