

2024 UNL #028 Corn, Irrigated-Gravity, Ridge Till, Continuous (SmartStax RIB Complete) - 2024

Total acres: 150

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	\$22,121.25
Corn Seed, SmartStax, RIB, Complete	34.7 kseed	\$4.25 / kseed	\$147.48	\$22,122.00
▼ Fertilizer			\$96.80	\$14,520.00
82-0-0	220 lbsN	\$0.35 / lbsN	\$77.00	\$11,550.00
10-34-0	6 gallon	\$3.30 / gallon	\$19.80	\$2,970.00
▼ Pesticide			\$44.51	\$6,675.75
21-0-0-24S	2.55 pound	\$0.40 / pound	\$1.02	\$153.00
Brigade 2EC	0.512 ounce	\$190.00 / gallon	\$0.76	\$114.00
Mustang Maxx	0.6 ounce	\$240.00 / gallon	\$1.13	\$169.50
Status	2.5 ounce	\$5.50 / ounce	\$13.75	\$2,062.50
Glyphosate 5# w/ Surfactant	48 ounce	\$17.00 / gallon	\$6.38	\$957.00
2,4-D Ester LV4	0.5 pint	\$36.00 / gallon	\$2.25	\$337.50
Bicep II Magnum	0.72 quart	\$70.00 / gallon	\$12.60	\$1,890.00
Delaro Complete	1.6 ounce	\$530.00 / gallon	\$6.63	\$994.50
▼ Custom Services			\$41.10	\$6,165.00
Spray Insecticide	20 %	\$9.00 / acre	\$1.80	\$270.00
Custom spray fungicide	20 %	\$9.00 / acre	\$1.80	\$270.00
Haul Grain	250 bushel	\$0.15 / bushel	\$37.50	\$5,625.00
▼ Labor			\$63.63	\$9,544.41
Labor (Paid)			\$63.63	\$9,544.41
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ Fuel and Energy			\$117.51	\$17,627.14
Originally Allocated			\$117.51	\$17,627.14
Reconciled Difference			\$0.00	\$0.00
▼ Repairs and Maintenance			\$30.73	\$4,609.95
Originally Allocated			\$30.73	\$4,609.95
Reconciled Difference			\$0.00	\$0.00
▼ Other:			\$29.50	\$4,425.00
Additional Irrigation Charges			\$0.00	\$0.00
Crop Insurance			\$ 14.00	\$2,100.00
Crop Marketing		\$0.00	\$0.00	\$0.00
Crop Scouting			\$13.00	\$1,950.00
Crop Drying		\$0.01	\$2.50	\$375.00
Crop Storage		\$0.00	\$0.00	\$0.00
Other Materials			\$0.00	\$0.00
Interest on Operating Capital			\$21.42	\$3,213.32
Total Operating Costs		\$2.37/bu	\$592.68	\$88,901.82
Net Return Above Total Operating		\$ ---	\$ ---	\$ ---
Ownership and Overhead Costs		Cost / bushel	Cost / acre	Total
General Overhead			\$33.00	\$4,950.00
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:			\$98.81	\$14,821.50
Direct R.E. Taxes			\$98.81	\$14,821.50
Indirect R.E. Taxes			\$0.00	\$0.00
Equipment Depreciation			\$112.80	\$16,920.26
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$32.17	\$4,825.49
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$237.00	\$35,550.00
Total Ownership and Overhead Costs		\$2.06/bu	\$513.78	\$77,067.25
Total Economic Cost		\$4.43/bu	\$1,106.46	\$165,969.07
Net Return Above Total Costs		\$ ---	\$ ---	\$ ---

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Field Operation Costs / Acre

Field Operation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
Anhydrous Application	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	2.16	1.71	0.65	2.08	0.86	
UNL Anhydrous Applicator (toolbar)			2.09	3.43	1.00	
	\$2.16	\$1.71	\$2.74	\$5.51	\$1.86	\$13.98
Spring Burndown - Spray 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
Ridge Plant and Band Herbicide	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	3.30	4.36	0.75	2.40	3.72	
UNL Planter			6.56	6.00	3.96	
	\$3.30	\$4.36	\$7.31	\$8.40	\$7.68	\$31.05
Row Crop Cultivation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	3.00	2.38	0.91	2.89	1.20	
UNL Row Crop Cultivator			1.12	5.00	1.73	
	\$3.00	\$2.38	\$2.03	\$7.89	\$2.92	\$18.22
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
Ridge Cultivate /Ditch	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	3.30	4.36	0.75	2.40	3.72	
UNL Cultivator - Ridge /Ditch			1.87	5.00	2.33	
	\$3.30	\$4.36	\$2.62	\$7.40	\$6.04	\$23.73
Combine Irr Corn	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
Grain Cart	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	1.65	1.31	0.50	1.59	0.66	
UNL Grain Cart			0.76	1.50	0.91	
	\$1.65	\$1.31	\$1.26	\$3.09	\$1.57	\$8.87
Chop Stalks	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	2.75	2.18	0.83	2.65	1.10	
UNL Stalk Chopper			0.69	12.00	1.26	
	\$2.75	\$2.18	\$1.52	\$14.65	\$2.36	\$23.46
UNL Gravity Irrigation - Well Fed	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
System	43.27		2.67	2.00	1.10	
Pump			1.67	0.67	0.25	
Power Unit		96.41	2.33	1.17	0.35	
Well			1.33	1.44	0.65	
	\$43.27	\$96.41	\$8.00	\$5.28	\$2.35	\$155.30
Operations Totals:	\$63.63	\$117.51	\$30.73	\$112.80	\$32.17	\$356.85

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
Anhydrous Application	% acres	qty / acre	cost / unit	total / acre
82-0-0	100 %	220 lbsN	\$0.35/ lbsN	77.00
				\$77.00
Spring Burndown - Spray Herbicide	% acres	qty / acre	cost / unit	total / acre
2,4-D Ester LV4	50 %	1 pint	\$36.00/ gallon	2.25
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
				\$4.71
Ridge Plant and Band Herbicide	% acres	qty / acre	cost / unit	total / acre
10-34-0	100 %	6 gallon	\$3.30/ gallon	19.80
Bicep II Magnum	40 %	1.8 quart	\$70.00/ gallon	12.60
Corn Seed, SmartStax, RIB, Complete	100 %	34.7 kseed	\$340.00/ seedunit	147.48
				\$179.88
Spray Herbicide	% acres	qty / acre	cost / unit	total / acre
Glyphosate 5# w/ Surfactant	100 %	32 ounce	\$17.00/ gallon	4.25
21-0-0-24S	100 %	1.7 pound	\$0.40/ pound	0.68
Status	50 %	5 ounce	\$5.50/ ounce	13.75
				\$18.68
Spray insecticide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Spray Insecticide	20 %		\$8.50/ acre	1.70
Brigade 2EC	10 %	5.12 ounce	\$190.00/ gallon	0.76
Mustang Maxx	20 %	3 ounce	\$240.00/ gallon	1.13
				\$3.59
Spray Fungicide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Custom spray fungicide	20 %		\$8.50/ acre	1.70
Delaro Complete	20 %	8 ounce	\$530.00/ gallon	6.63
				\$8.32
Truck grain (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Haul Grain	100 %		\$0.15/ bushel	37.50
				\$37.50
			Material, Input, and Service Total:	\$329.68