

2024 UNL #026 Corn, Irrigated-Gravity Fed, Ridge Till, continuous (Bt, ECB, RW & RIB) - 2024

Total acres: 150 Yield per acre: 245 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			\$140.25	\$21,037.50
Corn Seed Bt, ECB, RW, & RIB	34 kseed	\$4.13 / kseed	\$140.25	\$21,037.50
▼ Fertilizer			\$95.05	\$14,257.50
82-0-0	215 lbsN	\$0.35 / lbsN	\$75.25	\$11,287.50
10-34-0	6 gallon	\$3.30 / gallon	\$19.80	\$2,970.00
▼ Pesticide			\$34.57	\$5,185.66
UAN	1.5 pint	\$2.00 / gallon	\$0.38	\$57.00
21-0-0-24S	0.85 pound	\$0.40 / pound	\$0.34	\$51.00
Crop Oil Concentrate	0.5 pint	\$13.00 / gallon	\$0.81	\$121.50
Brigade 2EC	0.512 ounce	\$190.00 / gallon	\$0.76	\$114.00
Mustang Maxx	0.6 ounce	\$240.00 / gallon	\$1.13	\$169.50
Atrazine 90 DF	0.25 pound	\$6.50 / pound	\$1.63	\$244.50
Laudis	1.5 ounce	\$725.00 / gallon	\$8.50	\$1,275.00
Glyphosate 5# w/ Surfactant	16 ounce	\$17.00 / gallon	\$2.13	\$319.50
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
Miravis Neo	2 ounce	\$260.00 / gallon	\$4.06	\$609.00
▼ Custom Services			\$44.85	\$6,727.50
Custom Spray Herbicide	50 %	\$9.00 / acre	\$4.50	\$675.00
Spray Insecticide	20 %	\$9.00 / acre	\$1.80	\$270.00
Custom spray fungicide	20 %	\$9.00 / acre	\$1.80	\$270.00
Truck grain	245 bushel	\$0.15 / bushel	\$36.75	\$5,512.50
▼ Labor			\$62.11	\$9,316.32
Labor (Paid)			\$62.11	\$9,316.32
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ Fuel and Energy			\$114.27	\$17,140.65
Originally Allocated			\$114.27	\$17,140.65
Reconciled Difference			\$0.00	\$0.00
▼ Repairs and Maintenance			\$27.40	\$4,110.59
Originally Allocated			\$27.40	\$4,110.59
Reconciled Difference			\$0.00	\$0.00
▼ Other:			\$31.90	\$4,785.00
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		\$0.02	\$4.90	\$735.00
Crop Storage		\$0.00	\$0.00	\$0.00
Other Materials			\$0.00	\$0.00
Interest on Operating Capital			\$20.64	\$3,096.03
Total Operating Costs		\$2.33/bu	\$571.05	\$85,656.75
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

Category	amt applied	cost per unit	cost per acre	Enterprise Total
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
▼ 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			\$109.31	\$16,396.93
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$28.47	\$4,271.07
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$237.00	\$35,550.00
Total Ownership and Overhead Costs		\$2.07/bu	\$506.60	\$75,989.50
Total Economic Cost		\$4.40/bu	\$1,077.64	\$161,646.25
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	2.75	3.64	0.63	2.00	3.10	
UNL Planter - no till			4.47	5.00	4.18	
	\$2.75	\$3.64	\$5.09	\$7.00	\$7.29	\$25.77
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
Ridge Cultivate /Ditch	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	3.30	2.62	1.00	3.17	1.32	
UNL Cultivator - Ridge /Ditch			1.87	5.00	2.33	
	\$3.30	\$2.62	\$2.87	\$8.18	\$3.64	\$20.61
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:	\$62.11	\$114.27	\$27.40	\$109.31	\$28.47	\$341.57

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 %	215 lbsN	\$0.35/ lbsN	75.25
				\$75.25
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
Corn Seed Bt, ECB, RW, & RIB	100 %	34 kseed	\$330.00/ seedunit	140.25
10-34-0	100 %	6 gallon	\$3.30/ gallon	19.80
Bicep II Magnum	40 %	1.8 quart	\$70.00/ gallon	12.60
				\$172.65
Spray Herbicide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Custom Spray Herbicide	50 %		\$8.50/ acre	4.25
Laudis	50 %	3 ounce	\$725.00/ gallon	8.50
Atrazine 90 DF	50 %	0.5 pound	\$6.50/ pound	1.63
Crop Oil Concentrate	50 %	1 pint	\$13.00/ gallon	0.81
UAN	50 %	3 pint	\$2.00/ gallon	0.38
				\$15.56
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
Miravis Neo	20 %	10 ounce	\$260.00/ gallon	4.06
				\$5.76
Truck grain (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Truck grain	100 %		\$0.15/ bushel	36.75
				\$36.75
Material, Input, and Service Total:				\$314.27