

2024 UNL #035 Corn, Irrigated-Electric Pivot, No Till after Beans (Bt, ECB, RR2, LL, & RIB) - 2024

Total acres: 135 Yield per acre: 275 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			\$143.25	\$19,338.75
Corn seed BT, ECB, RR2, LL, & RIB	38.2 kseed	\$3.75 / kseed	\$143.25	\$19,338.75
▼ Fertilizer			\$139.80	\$18,873.00
10-34-0	6 gallon	\$3.30 / gallon	\$19.80	\$2,673.00
32-0-0 (Applied by R2)	200 lbsN	\$0.60 / lbsN	\$120.00	\$16,200.00
▼ Pesticide			\$129.31	\$17,457.10
UAN	3 pint	\$2.00 / gallon	\$0.75	\$101.25
21-0-0-24S	3.35 pound	\$0.40 / pound	\$1.34	\$180.90
Crop Oil Concentrate	2.1 pint	\$13.00 / gallon	\$3.41	\$460.35
Brigade 2EC	2.56 ounce	\$190.00 / gallon	\$3.80	\$513.00
Mustang Maxx	1.5 ounce	\$240.00 / gallon	\$2.81	\$379.35
Acuron	2.5 quart	\$85.00 / gallon	\$53.13	\$7,172.55
Glyphosate 5# w/ Surfactant	16 ounce	\$17.00 / gallon	\$2.13	\$287.55
2,4-D Ester LV4	0.5 pint	\$36.00 / gallon	\$2.25	\$303.75
Liberty 280	40 ounce	\$80.00 / gallon	\$25.00	\$3,375.00
Armezon	0.75 ounce	\$24.00 / ounce	\$18.00	\$2,430.00
Miravis Neo	8.22 ounce	\$260.00 / gallon	\$16.70	\$2,254.50
▼ Custom Services			\$51.15	\$6,905.25
Apply Insecticide	50 %	\$9.00 / acre	\$4.50	\$607.50
Spray Fungicide - Custom	60 %	\$9.00 / acre	\$5.40	\$729.00
Haul grain	275 bushel	\$0.15 / bushel	\$41.25	\$5,568.75
▼ Labor			\$19.89	\$2,684.56
Labor (Paid)			\$19.89	\$2,684.56
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ Fuel and Energy			\$41.47	\$5,599.01
Originally Allocated			\$41.47	\$5,599.01
Reconciled Difference			\$0.00	\$0.00
▼ Repairs and Maintenance			\$21.73	\$2,933.55
Originally Allocated			\$21.73	\$2,933.55
Reconciled Difference			\$0.00	\$0.00
▼ Other:			\$79.50	\$10,732.50
Additional Irrigation Charges			\$0.00	\$0.00
Crop Insurance			\$ 16.00	\$2,160.00
Crop Marketing		\$0.00	\$0.00	\$0.00
Crop Scouting			\$13.00	\$1,755.00
Crop Drying		\$0.02	\$5.50	\$742.50
Crop Storage		\$0.00	\$0.00	\$0.00
Other Materials			\$45.00	\$6,075.00
Interest on Operating Capital			\$23.48	\$3,169.64
Total Operating Costs		\$2.36/bu	\$649.58	\$87,693.36
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

Category	amt applied	cost per unit	cost per acre	Enterprise Total
▼ Land Rent:			\$0.00	\$0.00
Cash Rent			\$0.00	\$0.00
Allocated Land Rent			\$0.00	\$0.00
▼ 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			\$82.58	\$11,148.70
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$21.96	\$2,965.27
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$263.00	\$35,505.00
Total Ownership and Overhead Costs		\$1.85/bu	\$510.05	\$68,856.46
Total Economic Cost		\$4.22/bu	\$1,159.63	\$156,549.83
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 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
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
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 System	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
System	10.31		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	
	\$10.31	\$30.09	\$8.89	\$9.42	\$3.63	\$62.34
Operations Totals:	\$19.89	\$41.47	\$21.73	\$82.58	\$21.96	\$187.64

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
Crop Oil Concentrate	100 %	1.6 pint	\$13.00/ gallon	2.60
21-0-0-24S	100 %	2.5 pound	\$0.40/ pound	1.00
				\$56.73
Plant No Till	% acres	qty / acre	cost / unit	total / acre
10-34-0	100 %	6 gallon	\$3.30/ gallon	19.80
Corn seed BT, ECB, RR2, LL, & RIB	100 %	38.2 kseed	\$300.00/ seedunit	143.25
				\$163.05
Spray Herbicide	% acres	qty / acre	cost / unit	total / acre
Crop Oil Concentrate	100 %	0.5 pint	\$13.00/ gallon	0.81
UAN	100 %	3 pint	\$2.00/ gallon	0.75
Liberty 280	100 %	40 ounce	\$80.00/ gallon	25.00
Armezon	100 %	0.75 ounce	\$24.00/ ounce	18.00
				\$44.56
Spray Insecticide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Apply Insecticide	50 %		\$8.50/ acre	4.25
Brigade 2EC	50 %	5.12 ounce	\$190.00/ gallon	3.80
Mustang Maxx	50 %	3 ounce	\$240.00/ gallon	2.81
				\$10.86
Spray Fungicide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Spray Fungicide - Custom	60 %		\$8.50/ acre	5.10
Miravis Neo	60 %	13.7 ounce	\$260.00/ gallon	16.70
				\$21.80
Truck grain (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Haul grain	100 %		\$0.15/ bushel	41.25
				\$41.25
UNL Pivot E 125' Lift	% acres	qty / acre	cost / unit	total / acre
32-0-0 (Applied by R2)	100.0 %	200 lbsN	\$0.60/ lbsN	120.00
Electricity Fixed	100.0 %	1 acre	\$45.00/ acre	45.00
				\$165.00
Material, Input, and Service Total:				\$507.96