

2024 UNL #038 Corn, Irrigated-Electric Pivot, Panhandle, Conv Till, Continuous (SmartStax RIB Complete) - 2024

Total acres: 135 Yield per acre: 175 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			\$115.60	\$15,606.00
Corn Seed, SmartStax, RIB, Complete	27.2 kseed	\$4.25 / kseed	\$115.60	\$15,606.00
▼ Fertilizer			\$122.40	\$16,524.00
10-34-0	8 gallon	\$3.30 / gallon	\$26.40	\$3,564.00
32-0-0 (Applied by R2)	160 lbsN	\$0.60 / lbsN	\$96.00	\$12,960.00
▼ Pesticide			\$85.98	\$11,606.74
21-0-0-24S	1.36 pound	\$0.40 / pound	\$0.54	\$72.90
Brigade 2EC	0.512 ounce	\$190.00 / gallon	\$0.76	\$102.60
Balance Flexx	4 ounce	\$6.00 / ounce	\$24.00	\$3,240.00
Armezon Pro	11.2 ounce	\$190.00 / gallon	\$16.63	\$2,245.05
Glyphosate 5# w/ Surfactant	32 ounce	\$17.00 / gallon	\$4.25	\$573.75
Bicep II Magnum	2.1 quart	\$70.00 / gallon	\$36.75	\$4,961.25
Lucento	0.6 ounce	\$650.00 / gallon	\$3.05	\$411.75
▼ Custom Services			\$38.55	\$5,204.25
Spray herbicide	100 %	\$9.00 / acre	\$9.00	\$1,215.00
Aerial Spray	20 %	\$11.00 / acre	\$2.20	\$297.00
Aerial Spray	10 %	\$11.00 / acre	\$1.10	\$148.50
Haul grain	175 bushel	\$0.15 / bushel	\$26.25	\$3,543.75
▼ Labor			\$31.68	\$4,277.44
Labor (Paid)			\$31.68	\$4,277.44
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ Fuel and Energy			\$63.52	\$8,575.15
Originally Allocated			\$63.52	\$8,575.15
Reconciled Difference			\$0.00	\$0.00
▼ Repairs and Maintenance			\$31.85	\$4,299.13
Originally Allocated			\$31.85	\$4,299.13
Reconciled Difference			\$0.00	\$0.00
▼ Other:			\$82.40	\$11,124.00
Additional Irrigation Charges			\$0.00	\$0.00
Crop Insurance			\$23.00	\$3,105.00
Crop Marketing		\$0.00	\$0.00	\$0.00
Crop Scouting			\$13.00	\$1,755.00
Crop Drying		\$0.01	\$1.40	\$189.00
Crop Storage		\$0.00	\$0.00	\$0.00
Other Materials			\$45.00	\$6,075.00
Interest on Operating Capital			\$21.45	\$2,895.63
Total Operating Costs		\$3.39/bu	\$593.42	\$80,112.35
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:			\$48.94	\$6,606.90
Direct R.E. Taxes			\$48.94	\$6,606.90
Indirect R.E. Taxes			\$0.00	\$0.00
Equipment Depreciation			\$81.78	\$11,040.78
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$33.23	\$4,485.48
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$117.00	\$15,795.00
Total Ownership and Overhead Costs		\$1.79/bu	\$313.95	\$42,383.16
Total Economic Cost		\$5.18/bu	\$907.37	\$122,495.51
Net Return Above Total Costs		\$ ---	\$ ---	\$ ---

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Field Operation Costs / Acre

Field Operation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
Disking	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	3.00	3.97	0.68	2.18	3.38	
UNL Disk - heavy duty			1.25	5.00	1.54	
	\$3.00	\$3.97	\$1.93	\$7.18	\$4.93	\$21.01
Field Cultivation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	2.20	2.91	0.50	1.60	2.48	
UNL Field Cultivator			2.18	2.67	1.40	
	\$2.20	\$2.91	\$2.68	\$4.27	\$3.88	\$15.94
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
Planting	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
Cultivation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	3.00	3.97	0.68	2.18	3.38	
UNL Row Crop Cultivator			1.12	5.00	1.73	
	\$3.00	\$3.97	\$1.80	\$7.18	\$5.11	\$21.06
Harvest	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Combine 2	2.75	3.64	2.52	30.30	4.09	
UNL Corn Head 4			1.00	8.33	1.50	
	\$2.75	\$3.64	\$3.52	\$38.63	\$5.59	\$54.13
Grain 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 - Panhandle System	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
System	14.81		8.89	8.00	4.11	
Pump			1.48	0.89	0.33	
Power Unit		43.47	1.48	0.89	0.33	
Well			0.00	0.00	0.00	
	\$14.81	\$43.47	\$11.85	\$9.78	\$4.78	\$84.69
Operations Totals:	\$31.68	\$63.52	\$31.85	\$81.78	\$33.23	\$242.06

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 Herbicide	% acres	qty / acre	cost / unit	total / acre
Bicep II Magnum	100 %	2.1 quart	\$70.00/ gallon	36.75
Balance Flexx	100 %	4 ounce	\$6.00/ ounce	24.00
				\$60.75
Planting	% acres	qty / acre	cost / unit	total / acre
Corn Seed, SmartStax, RIB, Complete	100 %	27.2 kseed	\$340.00/ seedunit	115.60
10-34-0	100 %	8 gallon	\$3.30/ gallon	26.40
				\$142.00
Spray Herbicide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Spray herbicide	100 %		\$8.50/ acre	8.50
Glyphosate 5# w/ Surfactant	100 %	32 ounce	\$17.00/ gallon	4.25
Armezon Pro	80 %	14 ounce	\$190.00/ gallon	16.63
21-0-0-24S	80 %	1.7 pound	\$0.40/ pound	0.54
				\$29.92
Spray Insecticide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Aerial Spray	10 %		\$10.00/ acre	1.00
Brigade 2EC	10 %	5.12 ounce	\$190.00/ gallon	0.76
				\$1.76
Fungicide Spray (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Aerial Spray	20 %		\$10.00/ acre	2.00
Lucento	20 %	3 ounce	\$650.00/ gallon	3.05
				\$5.05
Truck grain (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Haul grain	100 %		\$0.15/ bushel	26.25
				\$26.25
UNL Pivot E - Panhandle	% acres	qty / acre	cost / unit	total / acre
32-0-0 (Applied by R2)	100.0 %	160 lbsN	\$0.60/ lbsN	96.00
Electricity Fixed	100.0 %	1 acre	\$45.00/ acre	45.00
				\$141.00
			Material, Input, and Service Total:	\$406.73