

2024 UNL #037 Corn, Irrigated-Diesel Pivot, Conv Till after Beans (Bt, ECB, & RIB) - 2024

Total acres: 135

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			\$127.50	\$17,212.50
Corn Seed Bt, ECB, & RIB	34 kseed	\$3.75 / kseed	\$127.50	\$17,212.50
▼ Fertilizer			\$124.80	\$16,848.00
10-34-0	6 gallon	\$3.30 / gallon	\$19.80	\$2,673.00
32-0-0 (Applied by R2)	175 lbsN	\$0.60 / lbsN	\$105.00	\$14,175.00
▼ Pesticide			\$65.92	\$8,898.69
Brigade 2EC	0.512 ounce	\$190.00 / gallon	\$0.76	\$102.60
Mustang Maxx	0.6 ounce	\$240.00 / gallon	\$1.13	\$152.55
Balance Flexx	4 ounce	\$6.00 / ounce	\$24.00	\$3,240.00
Bicep II Magnum	2.1 quart	\$70.00 / gallon	\$36.75	\$4,961.25
Stratego YLD	0.6 ounce	\$700.00 / gallon	\$3.28	\$442.80
▼ Custom Services			\$42.15	\$5,690.25
Spray Insecticide - Custom	30 %	\$9.00 / acre	\$2.70	\$364.50
Spray Fungicide	30 %	\$9.00 / acre	\$2.70	\$364.50
Haul grain	245 bushel	\$0.15 / bushel	\$36.75	\$4,961.25
▼ Labor			\$29.71	\$4,011.23
Labor (Paid)			\$29.71	\$4,011.23
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ Fuel and Energy			\$115.53	\$15,596.56
Originally Allocated			\$115.53	\$15,596.56
Reconciled Difference			\$0.00	\$0.00
▼ Repairs and Maintenance			\$26.83	\$3,622.20
Originally Allocated			\$26.83	\$3,622.20
Reconciled Difference			\$0.00	\$0.00
▼ Other:			\$30.92	\$4,174.20
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		\$0.02	\$3.92	\$529.20
Crop Storage		\$0.00	\$0.00	\$0.00
Other Materials			\$0.00	\$0.00
Interest on Operating Capital			\$21.13	\$2,852.01
Total Operating Costs		\$2.39/bu	\$584.49	\$78,905.65
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
▼ 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

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Equipment Depreciation			\$92.40	\$12,474.45
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$32.82	\$4,430.32
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$263.00	\$35,505.00
Total Ownership and Overhead Costs		\$2.17/bu	\$530.72	\$71,647.26
Total Economic Cost		\$4.55/bu	\$1,115.21	\$150,552.92
Net Return Above Total Costs		\$ ---	\$ ---	\$ ---

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Field Operation Costs / Acre

Field Operation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
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 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 Large Tractor >150 hp	3.75	4.96	0.85	2.73	4.23	
UNL Row Crop Cultivator			1.40	6.25	2.16	
	\$3.75	\$4.96	\$2.25	\$8.98	\$6.38	\$26.32
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
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 D 125' Lift System	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
System	15.09		5.19	5.68	4.11	
Pump			1.48	0.74	0.28	
Power Unit		96.71	1.48	1.48	0.33	
Well			0.74	0.99	0.44	
	\$15.09	\$96.71	\$8.89	\$8.89	\$5.17	\$134.74
Operations Totals:	\$29.71	\$115.53	\$26.83	\$92.40	\$32.82	\$297.29

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
10-34-0	100 %	6 gallon	\$3.30/ gallon	19.80
Corn Seed Bt, ECB, & RIB	100 %	34 kseed	\$300.00/ seedunit	127.50
				\$147.30
Spray Insecticide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Brigade 2EC	10 %	5.12 ounce	\$190.00/ gallon	0.76
Spray Insecticide - Custom	30 %		\$8.50/ acre	2.55
Mustang Maxx	20 %	3 ounce	\$240.00/ gallon	1.13
				\$4.44
Spray Fungicide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Spray Fungicide	30 %		\$8.50/ acre	2.55
Stratego YLD	30 %	2 ounce	\$700.00/ gallon	3.28
				\$5.83
Truck grain (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Haul grain	100 %		\$0.15/ bushel	36.75
				\$36.75
UNL Pivot D 125' Lift	% acres	qty / acre	cost / unit	total / acre
32-0-0 (Applied by R2)	100.0 %	175 lbsN	\$0.60/ lbsN	105.00
				\$105.00
			Material, Input, and Service Total:	\$360.07