

2022 UNL Corn #24, ENREEC, Dryland, No Till after SB, Easter

Total acres: 150

Yield per acre: 195 bushels

Cash Enterprise Budget

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Revenue		Value / bushel	Value / acre	Total
Value of Production		\$5.13/bu	\$1,000.35	\$150,052.50
▶ Additional Revenue			\$0.00	\$0.00
Total Gross Revenue		\$5.13/bu	\$1,000.35	\$150,052.50
Cash Operating Costs	Amount / acre	Cost / unit	Cost / acre	Total
▼ Seed			\$88.08	\$13,211.25
Corn Seed Bt, ECB, & RIB	27.1 kseed	\$3.25 / kseed	\$88.08	\$13,212.00
▼ Fertilizer			\$152.50	\$22,875.00
10-34-0	6 gallon	\$3.75 / gallon	\$22.50	\$3,375.00
32-0-0	130 lbsN	\$1.00 / lbsN	\$130.00	\$19,500.00
▼ Pesticide			\$58.55	\$8,783.16
UAN	1.5 pint	\$2.55 / gallon	\$0.48	\$72.00
21-0-0-24S	3.35 pound	\$0.45 / pound	\$1.51	\$226.50
Crop Oil Concentrate	2.1 pint	\$15.00 / gallon	\$3.94	\$591.00
Brigade 2EC	0.512 ounce	\$150.00 / gallon	\$0.60	\$90.00
Mustang Maxx	0.2 ounce	\$190.00 / gallon	\$0.30	\$45.00
Atrazine 90 DF	0.25 pound	\$4.50 / pound	\$1.13	\$169.50
Armezon Pro	7 ounce	\$170.00 / gallon	\$9.30	\$1,395.00
Acuron	2.5 quart	\$55.00 / gallon	\$34.38	\$5,157.00
Glyphosate 5# w/ Surfactant	16 ounce	\$45.00 / gallon	\$5.63	\$844.50
2,4-D Ester LV4	0.5 pint	\$21.00 / gallon	\$1.31	\$196.50
▶ Custom Services			\$28.02	\$4,203.00
▶ Labor			\$13.93	\$2,089.29
▶ Fuel and Energy			\$12.14	\$1,820.71
▶ Repairs and Maintenance			\$25.72	\$3,858.04
▶ Other:			\$19.12	\$2,868.00
Interest on Operating Capital			\$10.95	\$1,641.98
Total Cash Operating Costs		\$2.10/bu	\$409.00	\$61,350.42
Net Return Above Cash Operating		\$3.03/bu	\$591.35	\$88,702.08
Cash Overhead Costs		Cost / bushel	Cost / acre	Total
General Overhead			\$25.00	\$3,750.00
Facility Cash Costs			\$0.00	\$0.00
Vehicle Cash Costs			\$0.00	\$0.00
▶ Land Rent:			\$0.00	\$0.00
▶ Real Estate Taxes:			\$80.81	\$12,121.50
Total Cash Overhead Costs			\$105.81	\$15,871.50
Total Cash Costs		\$2.64/bu	\$514.81	\$77,221.92
Net Return Above Total Cash		\$2.49/bu	\$485.54	\$72,830.58

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Economic Enterprise Budget

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Revenue		Value / bushel	Value / acre	Total
Value of Production		\$5.13/bu	\$1,000.35	\$150,052.50
▶ Additional Revenue			\$0.00	\$0.00
Total Gross Revenue		\$5.13/bu	\$1,000.35	\$150,052.50
Operating Costs	Amount / acre	Cost / unit	Cost / acre	Total
▶ Seed			\$88.08	\$13,211.25
▶ Fertilizer			\$152.50	\$22,875.00
▶ Pesticide			\$58.55	\$8,783.16
▶ Custom Services			\$28.02	\$4,203.00
▶ Labor			\$13.93	\$2,089.29
▶ Fuel and Energy			\$12.14	\$1,820.71
▶ Repairs and Maintenance			\$25.72	\$3,858.04
▶ Other:			\$19.12	\$2,868.00
Interest on Operating Capital			\$10.95	\$1,641.98
Total Operating Costs		\$2.10/bu	\$409.00	\$61,350.42
Net Return Above Total Operating		\$3.03/bu	\$591.35	\$88,702.08
Ownership and Overhead Costs		Cost / bushel	Cost / acre	Total
General Overhead			\$25.00	\$3,750.00
Facility Cash Costs			\$0.00	\$0.00
Vehicle Cash Costs			\$0.00	\$0.00
▶ Land Rent:			\$0.00	\$0.00
▶ Real Estate Taxes:			\$80.81	\$12,121.50
Equipment Depreciation			\$37.72	\$5,658.56
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$11.49	\$1,723.06
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$193.95	\$29,092.50
Total Ownership and Overhead Costs			\$348.97	\$52,345.62
Total Economic Cost		\$3.89/bu	\$757.97	\$113,696.04
Net Return Above Total Costs		\$1.24/bu	\$242.38	\$36,356.46

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	0.46	0.36	0.21	0.70	0.12	
UNL Boom Sprayer			0.54	0.49	0.21	
	\$0.46	\$0.36	\$0.75	\$1.20	\$0.34	\$3.10
Spray Fertilizer	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	0.83	0.65	0.39	1.28	0.22	
UNL Sprayer Air Carrier			0.16	1.55	0.67	
	\$0.83	\$0.65	\$0.55	\$2.83	\$0.90	\$5.75
Plant No-Till	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	2.75	2.14	1.29	4.21	0.74	
UNL Planter - no till			7.61	2.18	1.37	
	\$2.75	\$2.14	\$8.90	\$6.39	\$2.11	\$22.29
Spray Herbicide	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	0.92	0.71	0.43	1.41	0.25	
UNL Boom Sprayer			1.07	0.99	0.43	
	\$0.92	\$0.71	\$1.50	\$2.40	\$0.67	\$6.20
Spray Herbicide	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	0.46	0.36	0.21	0.70	0.12	
UNL Boom Sprayer			0.54	0.49	0.21	
	\$0.46	\$0.36	\$0.75	\$1.20	\$0.34	\$3.10
Combine	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Combine	4.58	4.86	6.67	12.50	3.81	
UNL Combine Head			2.67	3.41	1.08	
	\$4.58	\$4.86	\$9.34	\$15.91	\$4.90	\$39.59
Grain Cart	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	3.93	3.06	1.84	6.02	1.06	
UNL Grain Cart			2.10	1.78	1.18	
	\$3.93	\$3.06	\$3.94	\$7.80	\$2.24	\$20.96
Operations Totals:	\$13.93	\$12.14	\$25.72	\$37.72	\$11.49	\$101.00

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	\$45.00/ gallon	5.63
2,4-D Ester LV4	50	1 pint	\$21.00/ gallon	1.31
21-0-0-24S	50	1.7 pound	\$0.45/ pound	0.38
				\$7.32
Spray Fertilizer	% acres	qty / acre	cost / unit	total / acre
32-0-0	100	130 lbsN	\$1.00/ lbsN	130.00
				\$130.00
Plant No-Till	% acres	qty / acre	cost / unit	total / acre
Corn Seed Bt, ECB, & RIB	100	27.1 kseed	\$260.00/ seedunit	88.08
10-34-0	100	6 gallon	\$3.75/ gallon	22.50
				\$110.58
Spray Herbicide	% acres	qty / acre	cost / unit	total / acre
Acuron	100	2.5 quart	\$55.00/ gallon	34.38
Crop Oil Concentrate	100	1.6 pint	\$15.00/ gallon	3.00
21-0-0-24S	100	2.5 pound	\$0.45/ pound	1.13
				\$38.50
Spray Herbicide	% acres	qty / acre	cost / unit	total / acre
Armezon Pro	50	14 ounce	\$170.00/ gallon	9.30
Atrazine 90 DF	50	0.5 pound	\$4.50/ pound	1.13
Crop Oil Concentrate	50	1 pint	\$15.00/ gallon	0.94
UAN	50	3 pint	\$2.55/ gallon	0.48
				\$11.84
Spray Insecticide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Brigade 2EC	10	5.12 ounce	\$150.00/ gallon	0.60
Mustang Maxx	10	2 ounce	\$190.00/ gallon	0.30
Spray Insecticide	20		\$7.50/ acre	1.50
				\$2.40
Truck Grain (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Custom Hauling	100		\$0.12/ bushel	23.40
				\$23.40
Dry Grain (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Dry 2 points removed	20		\$0.08/ bushel	3.12
				\$3.12
Material, Input, and Service Total:				\$327.15