

2024 UNL #069 Sugarbeet, Gravity Irrigated fed by canal, Panhandle, Conv.

Till - 2024

Total acres: 150

Yield per acre: 30 tons

Economic Enterprise Budget

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Revenue		Value / ton	Value / acre	Total
Total Gross Revenue	Add Revenue		\$ ---	\$ ---
Operating Costs	Amount / acre	Cost / unit	Cost / acre	Total
▼ Seed			\$200.00	\$30,000.00
Sugar Beets RR Poncho	1 acre	\$200.00 / acre	\$200.00	\$30,000.00
▼ Fertilizer			\$119.22	\$17,883.00
10-34-0	13.4 gallon	\$3.30 / gallon	\$44.22	\$6,633.00
28-0-0	125 lbsN	\$0.60 / lbsN	\$75.00	\$11,250.00
▼ Pesticide			\$122.63	\$18,395.06
21-0-0-24S	5.1 pound	\$0.40 / pound	\$2.04	\$306.00
Glyphosate 5# w/ Surfactant	108 ounce	\$17.00 / gallon	\$14.34	\$2,151.00
Outlook	13 ounce	\$185.00 / gallon	\$18.79	\$2,818.50
Norton SC	48 ounce	\$130.00 / gallon	\$48.75	\$7,312.50
Dual Magnum	1 pint	\$80.00 / gallon	\$10.00	\$1,500.00
Quadris	7 ounce	\$250.00 / gallon	\$13.67	\$2,050.50
Proline 480 SC	2.5 ounce	\$770.00 / gallon	\$15.04	\$2,256.00
▼ Custom Services			\$223.50	\$33,525.00
Spray	100 %	\$9.00 / acre	\$9.00	\$1,350.00
Spray herbicide	100 %	\$9.00 / acre	\$9.00	\$1,350.00
Spray herbicide	100 %	\$9.00 / acre	\$9.00	\$1,350.00
Aerial spray fungicide	100 %	\$11.00 / acre	\$11.00	\$1,650.00
Aerial spray fungicide	50 %	\$11.00 / acre	\$5.50	\$825.00
Haul beets	30 ton	\$6.00 / ton	\$180.00	\$27,000.00
▼ Labor			\$70.65	\$10,598.03
Labor (Paid)			\$70.65	\$10,598.03
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ Fuel and Energy			\$46.37	\$6,956.07
Originally Allocated			\$46.37	\$6,956.07
Reconciled Difference			\$0.00	\$0.00
▼ Repairs and Maintenance			\$75.70	\$11,355.67
Originally Allocated			\$75.70	\$11,355.67
Reconciled Difference			\$0.00	\$0.00
▼ Other:			\$113.00	\$16,950.00
Additional Irrigation Charges			\$0.00	\$0.00
Crop Insurance			\$ 54.00	\$8,100.00
Crop Marketing		\$0.00	\$0.00	\$0.00
Crop Scouting			\$19.00	\$2,850.00
Crop Drying		\$0.00	\$0.00	\$0.00
Crop Storage		\$0.00	\$0.00	\$0.00
Other Materials			\$40.00	\$6,000.00
Interest on Operating Capital			\$36.42	\$5,462.36
Total Operating Costs		\$33.58/ton	\$1007.50	\$151,125.19
Net Return Above Total Operating		\$ ---	\$ ---	\$ ---
Ownership and Overhead Costs		Cost / ton	Cost / acre	Total
General Overhead			\$33.00	\$4,950.00

Category	amt applied	cost per unit	cost per acre	Enterprise Total
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:			\$44.31	\$6,646.50
Direct R.E. Taxes			\$44.31	\$6,646.50
Indirect R.E. Taxes			\$0.00	\$0.00
Equipment Depreciation			\$107.87	\$16,180.85
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$61.12	\$9,168.17
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$106.35	\$15,952.50
Total Ownership and Overhead Costs		\$11.76/ton	\$352.65	\$52,898.02
Total Economic Cost		\$45.34/ton	\$1,360.15	\$204,023.21
Net Return Above Total Costs		\$ ---	\$ ---	\$ ---

2024 UNL #069 Sugarbeet, Gravity Irrigated fed by canal, Panhandle, Conv. Till - 2024

Total acres: 150 Yield per acre: 30 tons

Field Operation Costs / Acre

Field Operation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
Disk	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
Plow	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	5.16	6.82	1.17	3.75	5.81	
UNL Plow			2.49	6.00	0.63	
	\$5.16	\$6.82	\$3.66	\$9.75	\$6.44	\$31.83
Spray Fertilizer	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	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
Roller Harrow	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	3.30	2.62	1.00	3.17	1.32	
UNL Roller Harrow			1.16	4.00	1.20	
	\$3.30	\$2.62	\$2.16	\$7.17	\$2.52	\$17.77
Ridge Cultivate/Ditch	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	3.30	4.36	0.75	2.40	3.72	
UNL Cultivator - Ridge /Ditch			1.87	5.00	2.33	
	\$3.30	\$4.36	\$2.62	\$7.40	\$6.04	\$23.73
Field Cultivation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	4.40	5.82	1.00	3.20	4.96	
UNL Field Cultivator			4.36	5.34	2.80	
	\$4.40	\$5.82	\$5.36	\$8.54	\$7.76	\$31.88
Top beets	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	5.50	7.27	1.25	4.00	6.20	
UNL Beet Topper			8.04	5.00	2.33	
	\$5.50	\$7.27	\$9.29	\$9.00	\$8.53	\$39.59
Lift beets	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	5.50	7.27	1.25	4.00	6.20	
UNL Lift Beets			30.70	25.00	5.63	
	\$5.50	\$7.27	\$31.95	\$29.00	\$11.82	\$85.55
Subsoil /One-pass Tillage	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	3.67	4.85	0.83	2.67	4.13	
UNL Subsoil/One-pass Tillage			2.64	14.00	2.19	
	\$3.67	\$4.85	\$3.47	\$16.67	\$6.32	\$34.98
UNL Gravity Irrigated-Canal Fed-Panhandle	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
System	32.56		2.67	0.00	0.00	
Pump			2.00	0.56	0.29	
Power Unit		0.00	1.67	0.56	0.29	
Well			0.00	0.00	0.00	

Field Operation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
	\$32.56	\$0.00	\$6.33	\$1.12	\$0.58	\$40.59
Operations Totals:	\$70.65	\$46.37	\$75.70	\$107.87	\$61.12	\$361.73

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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Total acres: 150 Yield per acre: 30 tons

Purchased Materials, Inputs, and Services

Operation / Name	% of acres Applied	Qty Applied / acre	Cost / unit	Total \$ / acre
Spray Fertilizer	% acres	qty / acre	cost / unit	total / acre
28-0-0	100 %	125 lbsN	\$0.60/ lbsN	75.00
10-34-0	100 %	13.4 gallon	\$3.30/ gallon	44.22
				\$119.22
Spray herbicide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Spray	100 %		\$8.50/ acre	8.50
Glyphosate 5# w/ Surfactant	100 %	36 ounce	\$17.00/ gallon	4.78
21-0-0-24S	100 %	1.7 pound	\$0.40/ pound	0.68
Norton SC	100 %	48 ounce	\$130.00/ gallon	48.75
				\$62.71
Plant	% acres	qty / acre	cost / unit	total / acre
Sugar Beets RR Poncho	100 %	1 acre	\$200.00/ acre	200.00
				\$200.00
Spray herbicide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Glyphosate 5# w/ Surfactant	100 %	36 ounce	\$17.00/ gallon	4.78
21-0-0-24S	100 %	1.7 pound	\$0.40/ pound	0.68
Spray herbicide	100 %		\$8.50/ acre	8.50
Outlook	100 %	13 ounce	\$185.00/ gallon	18.79
				\$32.75
Spray herbicide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Spray herbicide	100 %		\$8.50/ acre	8.50
Glyphosate 5# w/ Surfactant	100 %	36 ounce	\$17.00/ gallon	4.78
21-0-0-24S	100 %	1.7 pound	\$0.40/ pound	0.68
Dual Magnum	100 %	1 pint	\$80.00/ gallon	10.00
				\$23.96
Aerial spray fungicide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Aerial spray fungicide	100 %		\$11.00/ acre	11.00
Quadris	100 %	7 ounce	\$250.00/ gallon	13.67
				\$24.67
Aerial spray fungicide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Aerial spray fungicide	50 %		\$11.00/ acre	5.50
Proline 480 SC	50 %	5 ounce	\$770.00/ gallon	15.04
				\$20.54
Truck (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Haul beets	100 %		\$6.00/ ton	180.00
				\$180.00
UNL Gravity Irrigated-Canal Fed-Panhandle	% acres	qty / acre	cost / unit	total / acre
Irrigation District O & M Charge	100.0 %	1 acre	\$40.00/ acre	40.00
				\$40.00

Operation / Name	% of acres Applied	Qty Applied / acre	Cost / unit	Total \$ / acre
Material, Input, and Service Total:				\$703.85