

## 2024 UNL #068 Sugarbeet, Gravity Irrigated fed by canal, Panhandle, RR - 2024

Total acres: 150      Yield per acre: 30 tons

### Economic Enterprise Budget

Category	amt applied	cost per unit	cost per acre	Enterprise Total
<b>Revenue</b>		<b>Value / ton</b>	<b>Value / acre</b>	<b>Total</b>
Total Gross Revenue	Add Revenue		\$ ---	\$ ---
<b>Operating Costs</b>	<b>Amount / acre</b>	<b>Cost / unit</b>	<b>Cost / acre</b>	<b>Total</b>
▼ <b>Seed</b>			<b>\$200.00</b>	<b>\$30,000.00</b>
Sugar Beets RR Poncho	1 acre	\$200.00 / acre	\$200.00	\$30,000.00
▼ <b>Fertilizer</b>			<b>\$119.22</b>	<b>\$17,883.00</b>
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
▼ <b>Pesticide</b>			<b>\$122.63</b>	<b>\$18,395.06</b>
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
▼ <b>Custom Services</b>			<b>\$223.50</b>	<b>\$33,525.00</b>
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
▼ <b>Labor</b>			<b>\$63.89</b>	<b>\$9,584.16</b>
Labor (Paid)			\$63.89	\$9,584.16
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ <b>Fuel and Energy</b>			<b>\$32.70</b>	<b>\$4,904.49</b>
Originally Allocated			\$32.70	\$4,904.49
Reconciled Difference			\$0.00	\$0.00
▼ <b>Repairs and Maintenance</b>			<b>\$68.97</b>	<b>\$10,346.03</b>
Originally Allocated			\$68.97	\$10,346.03
Reconciled Difference			\$0.00	\$0.00
▼ <b>Other:</b>			<b>\$113.00</b>	<b>\$16,950.00</b>
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
<b>Interest on Operating Capital</b>			<b>\$35.40</b>	<b>\$5,309.54</b>
<b>Total Operating Costs</b>		<b>\$32.64/ton</b>	<b>\$979.32</b>	<b>\$146,897.28</b>
Net Return Above Total Operating		\$ ---	\$ ---	\$ ---
<b>Ownership and Overhead Costs</b>		<b>Cost / ton</b>	<b>Cost / acre</b>	<b>Total</b>
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
<b>▼ Land Rent:</b>			<b>\$0.00</b>	<b>\$0.00</b>
Cash Rent			\$0.00	\$0.00
Allocated Land Rent			\$0.00	\$0.00
<b>▼ Real Estate Taxes:</b>			<b>\$44.31</b>	<b>\$6,646.50</b>
Direct R.E. Taxes			\$44.31	\$6,646.50
Indirect R.E. Taxes			\$0.00	\$0.00
Equipment Depreciation			\$141.55	\$21,232.77
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$44.96	\$6,743.86
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$106.35	\$15,952.50
<b>Total Ownership and Overhead Costs</b>		<b>\$12.34/ton</b>	<b>\$370.17</b>	<b>\$55,525.64</b>
<b>Total Economic Cost</b>		<b>\$44.98/ton</b>	<b>\$1,349.49</b>	<b>\$202,422.92</b>
Net Return Above Total Costs		\$ ---	\$ ---	\$ ---

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Total acres: 150 Yield per acre: 30 tons

## Field Operation Costs / Acre

Field Operation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
<b>Disk</b>	<b>Labor</b>	<b>Fuel</b>	<b>Repairs</b>	<b>Deprec.</b>	<b>Opp.</b>	<b>Total / acre</b>
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	
	<b>\$3.00</b>	<b>\$3.97</b>	<b>\$1.93</b>	<b>\$7.18</b>	<b>\$4.93</b>	<b>\$21.01</b>
<b>Spray Fertilizer</b>	<b>Labor</b>	<b>Fuel</b>	<b>Repairs</b>	<b>Deprec.</b>	<b>Opp.</b>	<b>Total / acre</b>
UNL Medium Tractor >80 hp	0.97	0.77	0.29	0.93	0.39	
UNL Boom Sprayer			1.07	1.93	0.51	
	<b>\$0.97</b>	<b>\$0.77</b>	<b>\$1.36</b>	<b>\$2.86</b>	<b>\$0.90</b>	<b>\$6.87</b>
<b>Plant</b>	<b>Labor</b>	<b>Fuel</b>	<b>Repairs</b>	<b>Deprec.</b>	<b>Opp.</b>	<b>Total / acre</b>
UNL Large Tractor >150 hp	3.30	4.36	0.75	2.40	3.72	
UNL Planter			6.56	6.00	3.96	
	<b>\$3.30</b>	<b>\$4.36</b>	<b>\$7.31</b>	<b>\$8.40</b>	<b>\$7.68</b>	<b>\$31.05</b>
<b>Rotary Hoe</b>	<b>Labor</b>	<b>Fuel</b>	<b>Repairs</b>	<b>Deprec.</b>	<b>Opp.</b>	<b>Total / acre</b>
UNL Medium Tractor >80 hp	2.36	1.87	0.71	2.27	0.94	
UNL Rotary Hoe			0.45	6.99	0.44	
	<b>\$2.36</b>	<b>\$1.87</b>	<b>\$1.16</b>	<b>\$9.26</b>	<b>\$1.38</b>	<b>\$16.03</b>
<b>Row Crop Cultivation</b>	<b>Labor</b>	<b>Fuel</b>	<b>Repairs</b>	<b>Deprec.</b>	<b>Opp.</b>	<b>Total / acre</b>
UNL Medium Tractor >80 hp	3.30	2.62	1.00	3.17	1.32	
UNL Ridge Cultivator			1.87	45.42	1.87	
	<b>\$3.30</b>	<b>\$2.62</b>	<b>\$2.87</b>	<b>\$48.59</b>	<b>\$3.19</b>	<b>\$60.57</b>
<b>Ridge Cultivate/Ditch</b>	<b>Labor</b>	<b>Fuel</b>	<b>Repairs</b>	<b>Deprec.</b>	<b>Opp.</b>	<b>Total / acre</b>
UNL Medium Tractor >80 hp	3.30	2.62	1.00	3.17	1.32	
UNL Cultivator - Ridge /Ditch			1.87	5.00	2.33	
	<b>\$3.30</b>	<b>\$2.62</b>	<b>\$2.87</b>	<b>\$8.18</b>	<b>\$3.64</b>	<b>\$20.61</b>
<b>Top beets</b>	<b>Labor</b>	<b>Fuel</b>	<b>Repairs</b>	<b>Deprec.</b>	<b>Opp.</b>	<b>Total / acre</b>
UNL Medium Tractor >80 hp	5.50	4.36	1.67	5.29	2.20	
UNL Beet Topper			8.04	5.00	2.33	
	<b>\$5.50</b>	<b>\$4.36</b>	<b>\$9.71</b>	<b>\$10.29</b>	<b>\$4.52</b>	<b>\$34.38</b>
<b>Lift beets</b>	<b>Labor</b>	<b>Fuel</b>	<b>Repairs</b>	<b>Deprec.</b>	<b>Opp.</b>	<b>Total / acre</b>
UNL Large Tractor >150 hp	5.50	7.27	1.25	4.00	6.20	
UNL Lift Beets			30.70	25.00	5.63	
	<b>\$5.50</b>	<b>\$7.27</b>	<b>\$31.95</b>	<b>\$29.00</b>	<b>\$11.82</b>	<b>\$85.55</b>
<b>Subsoil</b>	<b>Labor</b>	<b>Fuel</b>	<b>Repairs</b>	<b>Deprec.</b>	<b>Opp.</b>	<b>Total / acre</b>
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	
	<b>\$3.67</b>	<b>\$4.85</b>	<b>\$3.47</b>	<b>\$16.67</b>	<b>\$6.32</b>	<b>\$34.98</b>
<b>UNL Gravity Irrigated-Canal Fed-Panhandle</b>	<b>Labor</b>	<b>Fuel</b>	<b>Repairs</b>	<b>Deprec.</b>	<b>Opp.</b>	<b>Total / acre</b>
System	33.00		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	
	<b>\$33.00</b>	<b>\$0.00</b>	<b>\$6.33</b>	<b>\$1.12</b>	<b>\$0.58</b>	<b>\$41.03</b>
<b>Operations Totals:</b>	<b>\$63.89</b>	<b>\$32.70</b>	<b>\$68.97</b>	<b>\$141.55</b>	<b>\$44.96</b>	<b>\$352.08</b>

<b>Field Operation</b>	<b>Labor</b>	<b>Fuel</b>	<b>Repairs</b>	<b>Deprec.</b>	<b>Opp.</b>	<b>Total / acre</b>
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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
<b>Spray Fertilizer</b>	<b>% acres</b>	<b>qty / acre</b>	<b>cost / unit</b>	<b>total / acre</b>
28-0-0	100 %	125 lbsN	\$0.60/ lbsN	75.00
10-34-0	100 %	13.4 gallon	\$3.30/ gallon	44.22
				<b>\$119.22</b>
<b>Spray herbicide (Custom Service)</b>	<b>% acres</b>	<b>qty / acre</b>	<b>cost / unit</b>	<b>total / acre</b>
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
				<b>\$62.71</b>
<b>Plant</b>	<b>% acres</b>	<b>qty / acre</b>	<b>cost / unit</b>	<b>total / acre</b>
Sugar Beets RR Poncho	100 %	1 acre	\$200.00/ acre	200.00
				<b>\$200.00</b>
<b>Spray herbicide (Custom Service)</b>	<b>% acres</b>	<b>qty / acre</b>	<b>cost / unit</b>	<b>total / acre</b>
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
				<b>\$32.75</b>
<b>Spray herbicide (Custom Service)</b>	<b>% acres</b>	<b>qty / acre</b>	<b>cost / unit</b>	<b>total / acre</b>
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
				<b>\$23.96</b>
<b>Aerial spray fungicide (Custom Service)</b>	<b>% acres</b>	<b>qty / acre</b>	<b>cost / unit</b>	<b>total / acre</b>
Aerial spray fungicide	100 %		\$11.00/ acre	11.00
Quadris	100 %	7 ounce	\$250.00/ gallon	13.67
				<b>\$24.67</b>
<b>Aerial spray fungicide (Custom Service)</b>	<b>% acres</b>	<b>qty / acre</b>	<b>cost / unit</b>	<b>total / acre</b>
Aerial spray fungicide	50 %		\$11.00/ acre	5.50
Proline 480 SC	50 %	5 ounce	\$770.00/ gallon	15.04
				<b>\$20.54</b>
<b>Haul Beets (Custom Service)</b>	<b>% acres</b>	<b>qty / acre</b>	<b>cost / unit</b>	<b>total / acre</b>
Haul Beets	100 %		\$6.00/ ton	180.00
				<b>\$180.00</b>
<b>UNL Gravity Irrigated-Canal Fed-Panhandle</b>	<b>% acres</b>	<b>qty / acre</b>	<b>cost / unit</b>	<b>total / acre</b>
Irrigation District O & M Charge	100.0 %	1 acre	\$40.00/ acre	40.00
				<b>\$40.00</b>

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