

2024 UNL #074 Sunflower, Pivot Irrigated, No Till, Panhandle - 2024

Total acres: 135 Yield per acre: 30 cwt

Economic Enterprise Budget

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Revenue		Value / cwt	Value / acre	Total
Total Gross Revenue	Add Revenue		\$ ---	\$ ---
Operating Costs	Amount / acre	Cost / unit	Cost / acre	Total
▼ Seed			\$57.40	\$7,749.00
Sunflower Clearfield seed	35 seedunit	\$1.64 / kseed	\$57.40	\$7,749.00
▼ Fertilizer			\$73.20	\$9,882.00
10-34-0	4 gallon	\$3.30 / gallon	\$13.20	\$1,782.00
28-0-0	100 lbsN	\$0.60 / lbsN	\$60.00	\$8,100.00
▼ Pesticide			\$46.40	\$6,264.04
UAN	1.5 pint	\$2.00 / gallon	\$0.38	\$51.30
NIS	2.5 ounce	\$26.00 / gallon	\$0.51	\$68.85
21-0-0-24S	1.7 pound	\$0.40 / pound	\$0.68	\$91.80
WarriorII/Zeon	1.92 ounce	\$410.00 / gallon	\$6.15	\$830.25
Glyphosate 5# w/ Surfactant	32 ounce	\$17.00 / gallon	\$4.25	\$573.75
Prowl H2O	2.3 pint	\$60.00 / gallon	\$17.25	\$2,328.75
Spartan 4F	4 ounce	\$280.00 / gallon	\$8.75	\$1,181.25
Beyond	2 ounce	\$540.00 / gallon	\$8.44	\$1,139.40
▼ Custom Services			\$19.00	\$2,565.00
Spray	50 %	\$9.00 / acre	\$4.50	\$607.50
Aerial spray	50 %	\$11.00 / acre	\$5.50	\$742.50
Haul sunflowers	30 cwt	\$0.30 / cwt	\$9.00	\$1,215.00
▼ Labor			\$23.33	\$3,149.56
Labor (Paid)			\$23.33	\$3,149.56
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ Fuel and Energy			\$34.11	\$4,604.65
Originally Allocated			\$34.11	\$4,604.65
Reconciled Difference			\$0.00	\$0.00
▼ Repairs and Maintenance			\$29.78	\$4,020.32
Originally Allocated			\$29.78	\$4,020.32
Reconciled Difference			\$0.00	\$0.00
▼ Other:			\$61.00	\$8,235.00
Additional Irrigation Charges			\$0.00	\$0.00
Crop Insurance			\$ 16.00	\$2,160.00
Crop Marketing		\$0.00	\$0.00	\$0.00
Crop Scouting			\$0.00	\$0.00
Crop Drying		\$0.00	\$0.00	\$0.00
Crop Storage		\$0.00	\$0.00	\$0.00
Other Materials			\$45.00	\$6,075.00
Interest on Operating Capital			\$12.91	\$1,742.61
Total Operating Costs		\$11.90/cwt	\$357.13	\$48,212.18
Net Return Above Total Operating		\$ ---	\$ ---	\$ ---
Ownership and Overhead Costs		Cost / cwt	Cost / acre	Total
General Overhead			\$25.00	\$3,375.00
Facility Cash Costs			\$0.00	\$0.00
Vehicle Cash Costs			\$0.00	\$0.00
▼ Land Rent:			\$0.00	\$0.00

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Cash Rent			\$0.00	\$0.00
Allocated Land Rent			\$0.00	\$0.00
▼ 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			\$63.20	\$8,531.69
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$18.25	\$2,463.44
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$117.45	\$15,855.75
Total Ownership and Overhead Costs		\$9.09/cwt	\$272.84	\$36,832.78
Total Economic Cost		\$21.00/cwt	\$629.96	\$85,044.96
Net Return Above Total Costs		\$ ---	\$ ---	\$ ---

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Total acres: 135 Yield per acre: 30 cwts

Field Operation Costs / Acre

Field Operation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
Spray fertilizer and 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
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
Plant no-till	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	2.75	2.18	0.83	2.65	1.10	
UNL Planter - no till			4.47	5.00	4.18	
	\$2.75	\$2.18	\$5.30	\$7.65	\$5.28	\$23.16
Combine sunflowers	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Combine 2	2.75	3.64	2.52	30.30	4.09	
UNL Draper Flex Platform			1.45	5.99	1.91	
	\$2.75	\$3.64	\$3.97	\$36.29	\$6.00	\$52.65
UNL Pivot E 125' Lift - Sunflowers	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
System	15.89		14.81	10.37	3.89	
Pump			1.48	0.89	0.33	
Power Unit		26.75	1.48	1.04	0.39	
Well			0.00	1.23	0.56	
	\$15.89	\$26.75	\$17.78	\$13.53	\$5.17	\$79.11
Operations Totals:	\$23.33	\$34.11	\$29.78	\$63.20	\$18.25	\$168.66

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 fertilizer and herbicide	% acres	qty / acre	cost / unit	total / acre
Prowl H2O	100 %	2.3 pint	\$60.00/ gallon	17.25
28-0-0	100 %	100 lbsN	\$0.60/ lbsN	60.00
Spartan 4F	100 %	4 ounce	\$280.00/ gallon	8.75
				\$86.00
Spray herbicide	% acres	qty / acre	cost / unit	total / acre
Glyphosate 5# w/ Surfactant	100 %	32 ounce	\$17.00/ gallon	4.25
21-0-0-24S	100 %	1.7 pound	\$0.40/ pound	0.68
				\$4.93
Plant no-till	% acres	qty / acre	cost / unit	total / acre
Sunflower Clearfield seed	100 %	35 seedunit	\$1.64/ seedunit	57.40
10-34-0	100 %	4 gallon	\$3.30/ gallon	13.20
				\$70.60
Spray herbicide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Beyond	50 %	4 ounce	\$540.00/ gallon	8.44
NIS	50 %	5 ounce	\$26.00/ gallon	0.51
UAN	50 %	3 pint	\$2.00/ gallon	0.38
Spray	50 %		\$7.50/ acre	3.75
				\$13.07
Aerial spray insecticide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Aerial spray	50 %		\$11.00/ acre	5.50
WarriorII/Zeon	50 %	3.84 ounce	\$410.00/ gallon	6.15
				\$11.65
Haul sunflowers (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Haul sunflowers	100 %		\$0.30/ cwt	9.00
				\$9.00
UNL Pivot E 125' Lift -Sunflowers	% acres	qty / acre	cost / unit	total / acre
Electricity Fixed	100.0 %	1 acre	\$45.00/ acre	45.00
				\$45.00
			Material, Input, and Service Total:	\$240.25