

2024 UNL #012 Alfalfa, Irrigated-Pivot Elec., Panhandle, Large & Small Bales - 2024

Total acres: 135 Yield per acre: 6.6 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			\$0.00	\$0.00
▼ Fertilizer			\$30.00	\$4,050.00
11-52-0	75 pound	\$0.40 / pound	\$30.00	\$4,050.00
▼ Pesticide			\$11.91	\$1,607.34
Mustang Maxx	0.6 ounce	\$240.00 / gallon	\$1.13	\$152.55
Velpar L	0.75 pint	\$115.00 / gallon	\$10.78	\$1,455.30
▼ Custom Services			\$16.15	\$2,180.25
Load large square	100 %	\$16.15 / acre	\$16.15	\$2,180.25
▼ Labor			\$67.01	\$9,046.08
Labor (Paid)			\$67.01	\$9,046.08
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ Fuel and Energy			\$101.42	\$13,691.06
Originally Allocated			\$101.42	\$13,691.06
Reconciled Difference			\$0.00	\$0.00
▼ Repairs and Maintenance			\$48.81	\$6,589.50
Originally Allocated			\$48.81	\$6,589.50
Reconciled Difference			\$0.00	\$0.00
▼ Other:			\$86.05	\$11,617.02
Additional Irrigation Charges			\$0.00	\$0.00
Crop Insurance			\$ 0.00	\$0.00
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			\$86.05	\$11,617.02
Interest on Operating Capital			\$13.55	\$1,829.30
Total Operating Costs		\$56.80/ton	\$374.89	\$50,610.55
Net Return Above Total Operating		\$ ---	\$ ---	\$ ---
Ownership and Overhead Costs		Cost / ton	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:			\$48.94	\$6,606.90
Direct R.E. Taxes			\$48.94	\$6,606.90
Indirect R.E. Taxes			\$0.00	\$0.00
Equipment Depreciation			\$110.80	\$14,957.95
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$43.18	\$5,829.24
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$117.45	\$15,855.75
Total Ownership and Overhead Costs		\$53.54/ton	\$353.37	\$47,704.84
Total Economic Cost		\$110.34/ton	\$728.26	\$98,315.39

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Net Return Above Total Costs		\$ ---	\$ ---	\$ ---

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Total acres: 135

Yield per acre: 6.6 tons

Field Operation Costs / Acre

Field Operation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
Spread fertilizer	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	2.75	2.18	0.83	2.65	1.10	
UNL Fertilizer Spreader			1.07	2.00	0.73	
	\$2.75	\$2.18	\$1.90	\$4.65	\$1.83	\$13.31
Swath /Condition Hay	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Windrower	8.25	6.55	3.96	25.19	2.66	
UNL Mower-conditioner			2.73	15.00	2.63	
	\$8.25	\$6.55	\$6.69	\$40.19	\$5.28	\$66.95
Bale large square	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	16.50	21.82	3.75	12.00	18.60	
UNL Baler - Large Square			14.40	11.26	3.43	
	\$16.50	\$21.82	\$18.15	\$23.26	\$22.03	\$101.76
Spray herbicide	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	0.24	0.19	0.07	0.23	0.10	
UNL Boom Sprayer			0.27	0.48	0.13	
	\$0.24	\$0.19	\$0.34	\$0.72	\$0.22	\$1.72
Bale small square	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	16.50	13.09	5.00	15.88	6.59	
UNL Baler - Small Square			5.65	10.48	1.22	
	\$16.50	\$13.09	\$10.65	\$26.35	\$7.81	\$74.40
Load small square	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	4.95	3.93	1.50	4.76	1.98	
UNL Bale Mover			0.42	0.89	0.22	
	\$4.95	\$3.93	\$1.92	\$5.65	\$2.20	\$18.64
Spray insecticide	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	0.19	0.15	0.06	0.19	0.08	
UNL Boom Sprayer			0.21	0.39	0.10	
	\$0.19	\$0.15	\$0.27	\$0.57	\$0.18	\$1.37
UNL Pivot E 125' Lift System	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
System	17.62		5.93	6.56	2.46	
Pump			1.48	0.89	0.33	
Power Unit		53.50	1.48	0.74	0.28	
Well			0.00	1.23	0.56	
	\$17.62	\$53.50	\$8.89	\$9.42	\$3.63	\$93.05
Operations Totals:	\$67.01	\$101.42	\$48.81	\$110.80	\$43.18	\$371.21

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
Spread fertilizer 11-52-0	% acres 100 %	qty / acre 75 pound	cost / unit \$0.40/ pound	total / acre 30.00 \$30.00
Bale large square Twine Large Square	% acres 100 %	qty / acre 4.4 ton	cost / unit \$1.83/ ton	total / acre 8.05 \$8.05
Load large square (Custom Service) Load large square	% acres 100 %	qty / acre	cost / unit \$12.92/ acre	total / acre 12.92 \$12.92
Spray herbicide Velpar L	% acres 25 %	qty / acre 3 pint	cost / unit \$115.00/ gallon	total / acre 10.78 \$10.78
Bale small square Twine small square	% acres 100 %	qty / acre 2.2 ton	cost / unit \$15.00/ ton	total / acre 33.00 \$33.00
Spray insecticide Mustang Maxx	% acres 20 %	qty / acre 3 ounce	cost / unit \$240.00/ gallon	total / acre 1.13 \$1.13
UNL Pivot E 125' Lift Electricity Fixed	% acres 100.0 %	qty / acre 1 acre	cost / unit \$45.00/ acre	total / acre 45.00 \$45.00
Material, Input, and Service Total:				\$140.88