

2024 UNL #006 Alfalfa, Pivot Irrigated, Conv Till, Establish Spring Seed, Large Square Bales - 2024

Total acres: 135 Yield per acre: 3.8 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			\$75.00	\$10,125.00
Alfalfa w/Inoculant	12 pound	\$6.25 / pound	\$75.00	\$10,125.00
▼ Fertilizer			\$40.00	\$5,400.00
11-52-0	100 pound	\$0.40 / pound	\$40.00	\$5,400.00
▼ Pesticide			\$21.16	\$2,856.09
Mustang Maxx	1.5 ounce	\$240.00 / gallon	\$2.81	\$379.35
Pursuit	3 ounce	\$500.00 / gallon	\$11.72	\$1,582.20
Brox 2EC	1 pint	\$53.00 / gallon	\$6.63	\$895.05
▼ Custom Services			\$0.00	\$0.00
▼ Labor			\$42.96	\$5,799.63
Labor (Paid)			\$42.96	\$5,799.63
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ Fuel and Energy			\$123.37	\$16,655.25
Originally Allocated			\$123.37	\$16,655.25
Reconciled Difference			\$0.00	\$0.00
▼ Repairs and Maintenance			\$36.94	\$4,986.44
Originally Allocated			\$36.94	\$4,986.44
Reconciled Difference			\$0.00	\$0.00
▼ Other:			\$26.95	\$3,638.79
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			\$26.95	\$3,638.79
Interest on Operating Capital			\$13.74	\$1,854.79
Total Operating Costs		\$100.03/ton	\$380.12	\$51,315.99
Net Return Above Total Operating		\$ ---	\$ ---	\$ ---
Ownership and Overhead Costs		Cost / ton	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
Cash Rent			\$0.00	\$0.00
Allocated Land Rent			\$0.00	\$0.00
▼ Real Estate Taxes:			\$109.50	\$14,782.50
Direct R.E. Taxes			\$109.50	\$14,782.50
Indirect R.E. Taxes			\$0.00	\$0.00
Equipment Depreciation			\$73.26	\$9,889.92
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$38.44	\$5,189.74
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$263.00	\$35,505.00
Total Ownership and Overhead Costs		\$134.00/ton	\$509.20	\$68,742.16

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Total Economic Cost		\$234.03/ton	\$889.32	\$120,058.16
Net Return Above Total Costs		\$ ---	\$ ---	\$ ---

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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
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
Field Cultivation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	2.20	2.91	0.50	1.60	2.48	
UNL Field Cultivator			2.18	2.67	1.40	
	\$2.20	\$2.91	\$2.68	\$4.27	\$3.88	\$15.94
Seeder /Packer	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	3.67	2.91	1.11	3.53	1.46	
UNL Drill - grass			2.55	2.61	1.39	
	\$3.67	\$2.91	\$3.66	\$6.14	\$2.85	\$19.22
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
Swath /Condition Hay	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	6.60	5.24	2.00	6.35	2.63	
UNL Mower-conditioner			2.18	12.00	2.10	
	\$6.60	\$5.24	\$4.18	\$18.35	\$4.73	\$39.10
Turn Windrows	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	1.38	1.09	0.42	1.32	0.55	
UNL Rake			0.12	0.50	0.10	
	\$1.38	\$1.09	\$0.53	\$1.82	\$0.65	\$5.47
Bale Large Squares	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	8.25	10.91	1.88	6.00	9.30	
UNL Baler - Large Square			7.20	5.63	1.72	
	\$8.25	\$10.91	\$9.07	\$11.63	\$11.02	\$50.88
Load Large Square	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	4.71	3.74	1.43	4.54	1.88	
UNL Wagon			0.61	1.50	0.16	
	\$4.71	\$3.74	\$2.04	\$6.04	\$2.04	\$18.57
Spray Insecticide	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	0.49	0.39	0.15	0.47	0.19	
UNL Boom Sprayer			0.54	0.96	0.26	
	\$0.49	\$0.39	\$0.68	\$1.43	\$0.45	\$3.43
UNL Pivot D 125' Lift System	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
System	8.95		5.19	5.68	4.11	
Pump			1.48	0.74	0.28	
Power Unit		89.27	1.48	1.48	0.33	

Field Operation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
Well			0.74	0.99	0.44	
	\$8.95	\$89.27	\$8.89	\$8.89	\$5.17	\$121.16
Operations Totals:	\$42.96	\$123.37	\$36.94	\$73.26	\$38.44	\$314.97

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	% acres	qty / acre	cost / unit	total / acre
11-52-0	100 %	100 pound	\$0.40/ pound	40.00
				\$40.00
Seeder /Packer	% acres	qty / acre	cost / unit	total / acre
Seeder /Packer Rental	100 %	1 acre	\$20.00/ acre	20.00
Alfalfa w/Inoculant	100 %	12 pound	\$6.25/ pound	75.00
				\$95.00
Spray Herbicide	% acres	qty / acre	cost / unit	total / acre
Brox 2EC	100 %	1 pint	\$53.00/ gallon	6.63
Pursuit	100 %	3 ounce	\$500.00/ gallon	11.72
				\$18.34
Bale Large Squares	% acres	qty / acre	cost / unit	total / acre
Twine Large Square	100 %	3.8 ton	\$1.83/ ton	6.95
				\$6.95
Spray Insecticide	% acres	qty / acre	cost / unit	total / acre
Mustang Maxx	50 %	3 ounce	\$240.00/ gallon	2.81
				\$2.81
Material, Input, and Service Total:				\$163.11