

2024 UNL #014 Alfalfa, Gravity Irr. Roundup Ready, Large Square Bales - 2024

Total acres: 50 Yield per acre: 6.8 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			\$0.00	\$0.00
▼ Fertilizer			\$32.00	\$1,600.00
11-52-0	80 pound	\$0.40 / pound	\$32.00	\$1,600.00
▼ Pesticide			\$33.43	\$1,671.50
21-0-0-24S	1.7 pound	\$0.40 / pound	\$0.68	\$34.00
Mustang Maxx	0.6 ounce	\$240.00 / gallon	\$1.13	\$56.50
Raptor	4 ounce	\$600.00 / gallon	\$18.75	\$937.50
Brox 2EC	1 pint	\$53.00 / gallon	\$6.63	\$331.50
Roundup PowerMax 3	32 ounce	\$25.00 / gallon	\$6.25	\$312.50
▼ Custom Services			\$24.96	\$1,247.80
Load large square	6.8 ton	\$3.67 / ton	\$24.96	\$1,248.00
▼ Labor			\$71.66	\$3,582.95
Labor (Paid)			\$71.66	\$3,582.95
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ Fuel and Energy			\$58.08	\$2,903.75
Originally Allocated			\$58.08	\$2,903.75
Reconciled Difference			\$0.00	\$0.00
▼ Repairs and Maintenance			\$50.34	\$2,516.92
Originally Allocated			\$50.34	\$2,516.92
Reconciled Difference			\$0.00	\$0.00
▼ Other:			\$52.08	\$2,603.90
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			\$52.08	\$2,603.90
Interest on Operating Capital			\$12.10	\$604.76
Total Operating Costs		\$49.21/ton	\$334.63	\$16,731.58
Net Return Above Total Operating		\$ ---	\$ ---	\$ ---
Ownership and Overhead Costs		Cost / ton	Cost / acre	Total
General Overhead			\$33.00	\$1,650.00
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:			\$98.81	\$4,940.50
Direct R.E. Taxes			\$98.81	\$4,940.50
Indirect R.E. Taxes			\$0.00	\$0.00
Equipment Depreciation			\$105.35	\$5,267.72
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$57.70	\$2,885.00
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$237.00	\$11,850.00

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Total Ownership and Overhead Costs		\$78.22/ton	\$531.86	\$26,593.21
Total Economic Cost		\$127.43/ton	\$866.50	\$43,324.79
Net Return Above Total Costs		\$ ---	\$ ---	\$ ---

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Total acres: 50 Yield per acre: 6.8 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
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
Turn Windrows	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	2.75	2.18	0.83	2.65	1.10	
UNL Rake			0.23	1.00	0.21	
	\$2.75	\$2.18	\$1.06	\$3.65	\$1.31	\$10.95
Bale Large Square	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	24.75	32.73	5.63	18.00	27.90	
UNL Baler - Large Square			21.60	16.89	5.15	
	\$24.75	\$32.73	\$27.23	\$34.89	\$33.05	\$152.64
Double Windrows	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	5.50	7.27	1.25	4.00	6.20	
UNL Rake			0.46	2.00	0.42	
	\$5.50	\$7.27	\$1.71	\$6.00	\$6.62	\$27.10
Corrugate	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	4.71	6.23	1.07	3.43	5.31	
UNL Corrugator			2.71	8.00	2.64	
	\$4.71	\$6.23	\$3.78	\$11.43	\$7.95	\$34.11
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 Gravity Irrigated-Canal Fed-Panhandle	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
System	21.78		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	
	\$21.78	\$0.00	\$6.33	\$1.12	\$0.58	\$29.81
Operations Totals:	\$71.66	\$58.08	\$50.34	\$105.35	\$57.70	\$343.13

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.

2024 UNL #014 Alfalfa, Gravity Irr. Roundup Ready, Large Square Bales - 2024**Total acres: 50 Yield per acre: 6.8 tons****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 %	80 pound	\$0.40/ pound	32.00
				\$32.00
Spray Herbicide	% acres	qty / acre	cost / unit	total / acre
Brox 2EC	100 %	1 pint	\$53.00/ gallon	6.63
Roundup PowerMax 3	100 %	32 ounce	\$25.00/ gallon	6.25
21-0-0-24S	100 %	1.7 pound	\$0.40/ pound	0.68
Raptor	100 %	4 ounce	\$600.00/ gallon	18.75
				\$32.30
Bale Large Square	% acres	qty / acre	cost / unit	total / acre
Twine Large Square	100 %	6.6 ton	\$1.83/ ton	12.08
				\$12.08
Spray Insecticide	% acres	qty / acre	cost / unit	total / acre
Mustang Maxx	20 %	3 ounce	\$240.00/ gallon	1.13
				\$1.13
Load Large Square (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Load large square	100 %		\$2.94/ ton	19.99
				\$19.99
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
Material, Input, and Service Total:				\$137.50