2022 UNL Alfalfa #4, Dryland, Conv. Tillage, Establish Spring Seed, Small Square Bales

Total acres: 50 **Yield per acre: 2.8 tons**

Economic Enterprise Budget

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Revenue		**Value / ton**	**Value / acre**	**Total**
Total Gross Revenue			$ ---	$ ---
Operating Costs	**Amount / acre**	**Cost / unit**	**Cost / acre**	**Total**
▼ **Seed**			**$72.00**	**$3,600.00**
Alfalfa w/Inoculant	12 pound	$6.00 / pound	$72.00	$3,600.00
▼ **Fertilizer**			**$41.00**	**$2,050.00**
11-52-0	100 pound	$0.41 / pound	$41.00	$2,050.00
▼ **Pesticide**			**$17.53**	**$876.56**
Mustang Maxx	0.6 ounce	$190.00 / gallon	$0.89	$44.50
Pursuit	3 ounce	$470.00 / gallon	$11.02	$551.00
Brox 2EC	1 pint	$45.00 / gallon	$5.63	$281.50
▼ **Custom Services**			**$0.00**	**$0.00**
Labor (Paid)			$37.68	$1,884.02
Fuel and Energy			$35.25	$1,762.52
Repairs and Maintenance			$33.38	$1,668.93
▼ **Other:**			**$21.52**	**$1,076.20**
Crop Insurance			$ 0.00	$0.00
Crop Marketing			$0.00	$0.00
Crop Scouting			$0.00	$0.00
Crop Drying			$0.00	$0.00
Crop Storage			$0.00	$0.00
Other Materials			$21.52	$1,076.20
Interest on Operating Capital			**$7.11**	**$355.25**
Total Operating Costs		**$94.81/ton**	**$265.47**	**$13,273.48**
Net Return Above Total Operating		$ ---	$ ---	$ ---
Cash Overhead Costs		**Cost / ton**	**Cost / acre**	**Total**
General Overhead			$25.00	$1,250.00
Real Estate Taxes			$42.25	$2,112.50
Total Cash Overhead Costs			**$67.25**	**$3,362.50**
Total Cash Costs		**$118.83/ton**	**$332.72**	**$16,635.98**
Net Return Above Total Cash		$ ---	$ ---	$ ---
Ownership Costs		**Cost / ton**	**Cost / acre**	**Total**
Equipment Depreciation			$67.05	$3,352.31
Equipment Opportunity Cost			$16.42	$820.94
Land Opportunity Cost			$101.40	$5,070.00
Total Ownership Costs			**$184.86**	**$9,243.25**
Total Economic Cost		**$184.85/ton**	**$517.58**	**$25,879.23**
Net Return Above Total Costs		$ ---	$ ---	$ ---

2022 UNL Alfalfa #4, Dryland, Conv. Tillage, Establish Spring Seed, Small Square Bales

Total acres: 50 **Yield per acre: 2.8 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	2.29	1.78	1.07	3.51	0.62	
UNL Fertilizer Spreader			0.65	-0.40	0.16	
	$2.29	**$1.78**	**$1.72**	**$3.11**	**$0.77**	**$9.68**
Disk	**Labor**	**Fuel**	**Repairs**	**Deprec.**	**Opp.**	**Total / acre**
UNL Large Tractor >150 hp	2.50	2.59	0.57	3.85	1.70	
UNL Disk - heavy duty			0.75	0.74	0.30	
	$2.50	**$2.59**	**$1.32**	**$4.59**	**$1.99**	**$13.00**
Field Cultivation	**Labor**	**Fuel**	**Repairs**	**Deprec.**	**Opp.**	**Total / acre**
UNL Medium Tractor >80 hp	1.83	1.43	0.86	2.81	0.49	
UNL Field Cultivator			1.43	0.95	0.39	
	$1.83	**$1.43**	**$2.29**	**$3.76**	**$0.88**	**$10.19**
Seeder /Packer	**Labor**	**Fuel**	**Repairs**	**Deprec.**	**Opp.**	**Total / acre**
UNL Medium Tractor >80 hp	2.75	2.14	1.29	4.21	0.74	
UNL Drill - grass			0.50	1.15	0.91	
	$2.75	**$2.14**	**$1.79**	**$5.37**	**$1.65**	**$13.69**
Spray Insecticide	**Labor**	**Fuel**	**Repairs**	**Deprec.**	**Opp.**	**Total / acre**
UNL Medium Tractor >80 hp	0.18	0.14	0.09	0.28	0.05	
UNL Boom Sprayer			0.21	0.20	0.09	
	$0.18	**$0.14**	**$0.30**	**$0.48**	**$0.13**	**$1.24**
Spray Herbicide	**Labor**	**Fuel**	**Repairs**	**Deprec.**	**Opp.**	**Total / acre**
UNL Medium Tractor >80 hp	0.92	0.71	0.43	1.41	0.25	
UNL Boom Sprayer			1.07	0.99	0.43	
	$0.92	**$0.71**	**$1.50**	**$2.40**	**$0.67**	**$6.20**
Swath /Condition Hay	**Labor**	**Fuel**	**Repairs**	**Deprec.**	**Opp.**	**Total / acre**
UNL Windrower	6.88	5.35	4.85	1.85	1.54	
UNL Mower-conditioner			1.88	0.40	0.50	
	$6.88	**$5.35**	**$6.72**	**$2.25**	**$2.04**	**$23.24**
Bale Small Squares	**Labor**	**Fuel**	**Repairs**	**Deprec.**	**Opp.**	**Total / acre**
UNL Medium Tractor >80 hp	14.44	14.98	9.01	29.50	5.17	
UNL Baler - Small Square			4.55	2.06	0.89	
	$14.44	**$14.98**	**$13.56**	**$31.57**	**$6.06**	**$80.61**
Load Small Square	**Labor**	**Fuel**	**Repairs**	**Deprec.**	**Opp.**	**Total / acre**
UNL Medium Tractor >80 hp	5.89	6.12	3.68	12.04	2.11	
UNL Wagon			0.50	1.48	0.11	
	$5.89	**$6.12**	**$4.18**	**$13.52**	**$2.22**	**$31.93**
Operations Totals:	**$37.68**	**$35.25**	**$33.38**	**$67.05**	**$16.42**	**$189.77**

Machine costs shown in this report do not include taxes, housing, insurance or licensing costs. 'THILM' costs are instead included under Cash Overhead costs on enterprise budgets.

2022 UNL Alfalfa #4, Dryland, Conv. Tillage, Establish Spring Seed, Small Square Bales

Total acres: 50 **Yield per acre: 2.8 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	100 pound	$0.41/ pound	41.00
				$41.00
Seeder /Packer	**% acres**	**qty / acre**	**cost / unit**	**total / acre**
Seeder /Packer Rental	100	1 acre	$15.00/ acre	15.00
Alfalfa w/Inoculant	100	12 pound	$6.00/ pound	72.00
				$87.00
Spray Insecticide	**% acres**	**qty / acre**	**cost / unit**	**total / acre**
Mustang Maxx	20	3 ounce	$190.00/ gallon	0.89
				$0.89
Spray Herbicide	**% acres**	**qty / acre**	**cost / unit**	**total / acre**
Brox 2EC	100	1 pint	$45.00/ gallon	5.63
Pursuit	100	3 ounce	$470.00/ gallon	11.02
				$16.64
Bale Small Squares	**% acres**	**qty / acre**	**cost / unit**	**total / acre**
Twine small square	100	2.8 ton	$2.33/ ton	6.52
				$6.52
			Material, Input, and Service Total:	**$152.06**