

2024 UNL #047 Grain Sorghum, Dryland, No Till - 2024

Total acres: 150

Yield per acre: 135 bushels

Economic Enterprise Budget

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Revenue		Value / bushel	Value / acre	Total
Total Gross Revenue	Add Revenue		\$ ---	\$ ---
Operating Costs	Amount / acre	Cost / unit	Cost / acre	Total
▼ Seed			\$14.00	\$2,100.00
Sorghum Safened /Insect	4 pound	\$3.50 / pound	\$14.00	\$2,100.00
▼ Fertilizer			\$91.80	\$13,770.00
10-34-0	6 gallon	\$3.30 / gallon	\$19.80	\$2,970.00
32-0-0	120 lbsN	\$0.60 / lbsN	\$72.00	\$10,800.00
▼ Pesticide			\$73.50	\$11,025.00
21-0-0-24S	2.5 pound	\$0.40 / pound	\$1.00	\$150.00
Mustang Maxx	0.45 ounce	\$240.00 / gallon	\$0.84	\$126.00
Lumax EZ	2.7 quart	\$75.00 / gallon	\$50.63	\$7,594.50
Glyphosate 5# w/ Surfactant	32 ounce	\$17.00 / gallon	\$4.25	\$637.50
2,4-D Ester LV4	1 pint	\$36.00 / gallon	\$4.50	\$675.00
AAtrex 4L	0.5 quart	\$24.00 / gallon	\$3.00	\$450.00
Huskie	8.8 ounce	\$135.00 / gallon	\$9.28	\$1,392.00
▼ Custom Services			\$21.90	\$3,285.00
Aerial Spray	15 %	\$11.00 / acre	\$1.65	\$247.50
Truck grain	135 bushel	\$0.15 / bushel	\$20.25	\$3,037.50
▼ Labor			\$10.12	\$1,517.65
Labor (Paid)			\$10.12	\$1,517.65
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ Fuel and Energy			\$10.73	\$1,608.94
Originally Allocated			\$10.73	\$1,608.94
Reconciled Difference			\$0.00	\$0.00
▼ Repairs and Maintenance			\$13.37	\$2,004.97
Originally Allocated			\$13.37	\$2,004.97
Reconciled Difference			\$0.00	\$0.00
▼ Other:			\$42.00	\$6,300.00
Crop Insurance			\$ 32.00	\$4,800.00
Crop Marketing		\$0.00	\$0.00	\$0.00
Crop Scouting			\$10.00	\$1,500.00
Crop Drying		\$0.00	\$0.00	\$0.00
Crop Storage		\$0.00	\$0.00	\$0.00
Other Materials			\$0.00	\$0.00
Interest on Operating Capital			\$10.40	\$1,560.43
Total Operating Costs		\$2.13/bu	\$287.81	\$43,171.99
Net Return Above Total Operating		\$ ---	\$ ---	\$ ---
Ownership and Overhead Costs		Cost / bushel	Cost / acre	Total
General Overhead			\$25.00	\$3,750.00
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:			\$54.94	\$8,241.00
Direct R.E. Taxes			\$54.94	\$8,241.00
Indirect R.E. Taxes			\$0.00	\$0.00
Equipment Depreciation			\$36.09	\$5,413.53

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$15.79	\$2,368.53
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$131.85	\$19,777.50
Total Ownership and Overhead Costs		\$1.95/bu	\$263.67	\$39,550.56
Total Economic Cost		\$4.09/bu	\$551.48	\$82,722.56
Net Return Above Total Costs		\$ ---	\$ ---	\$ ---

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Field Operation Costs / Acre

Field Operation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
Spray spring burndown	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 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
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
Spray herbicide	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	0.78	0.62	0.24	0.75	0.31	
UNL Boom Sprayer			0.86	1.54	0.41	
	\$0.78	\$0.62	\$1.09	\$2.29	\$0.72	\$5.49
Combine dryland GS	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Combine 3	3.00	5.08	2.95	13.66	3.67	
UNL Combine Header - Hydraflex			0.03	3.68	2.76	
	\$3.00	\$5.08	\$2.98	\$17.34	\$6.43	\$34.83
cart grain	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	1.65	1.31	0.50	1.59	0.66	
UNL Grain Cart			0.76	1.50	0.91	
	\$1.65	\$1.31	\$1.26	\$3.09	\$1.57	\$8.87
Operations Totals:	\$10.12	\$10.73	\$13.37	\$36.09	\$15.79	\$86.09

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 spring burndown	% acres	qty / acre	cost / unit	total / acre
Glyphosate 5# w/ Surfactant	100 %	32 ounce	\$17.00/ gallon	4.25
2,4-D Ester LV4	100 %	1 pint	\$36.00/ gallon	4.50
21-0-0-24S	100 %	1.7 pound	\$0.40/ pound	0.68
				\$9.43
Spray fertilizer and herbicide	% acres	qty / acre	cost / unit	total / acre
Lumax EZ	100 %	2.7 quart	\$75.00/ gallon	50.63
32-0-0	100 %	120 lbsN	\$0.60/ lbsN	72.00
AAtrex 4L	100 %	0.5 quart	\$24.00/ gallon	3.00
				\$125.63
Plant no till	% acres	qty / acre	cost / unit	total / acre
10-34-0	100 %	6 gallon	\$3.30/ gallon	19.80
Sorghum Safened /Insect	100 %	4 pound	\$3.50/ pound	14.00
				\$33.80
Spray herbicide	% acres	qty / acre	cost / unit	total / acre
Huskie	80 %	11 ounce	\$135.00/ gallon	9.28
21-0-0-24S	80 %	1 pound	\$0.40/ pound	0.32
				\$9.60
Aerial Spray (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Aerial Spray	15 %		\$11.00/ acre	1.65
Mustang Maxx	15 %	3 ounce	\$240.00/ gallon	0.84
				\$2.49
Truck grain (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Truck grain	100 %		\$0.15/ bushel	20.25
				\$20.25
Material, Input, and Service Total:				\$201.20