

2024 UNL #048 Grain Sorghum, Dryland, Southwest, Ecofollow after Wheat, Two Crops in Three Years - 2024

Total acres: 150 Yield per acre: 120 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			\$88.80	\$13,320.00
10-34-0	6 gallon	\$3.30 / gallon	\$19.80	\$2,970.00
32-0-0	115 lbsN	\$0.60 / lbsN	\$69.00	\$10,350.00
▼ Pesticide			\$84.56	\$12,684.38
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	1 quart	\$24.00 / gallon	\$6.00	\$900.00
Gramoxone SL 3.0	1.5 pint	\$43.00 / gallon	\$8.06	\$1,209.00
Huskie	8.8 ounce	\$135.00 / gallon	\$9.28	\$1,392.00
▼ Custom Services			\$19.65	\$2,947.50
Aerial Spray	15 %	\$11.00 / acre	\$1.65	\$247.50
Haul grain	120 bushel	\$0.15 / bushel	\$18.00	\$2,700.00
▼ Labor			\$10.51	\$1,576.99
Labor (Paid)			\$10.51	\$1,576.99
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ Fuel and Energy			\$12.43	\$1,864.32
Originally Allocated			\$12.43	\$1,864.32
Reconciled Difference			\$0.00	\$0.00
▼ Repairs and Maintenance			\$11.89	\$1,783.13
Originally Allocated			\$11.89	\$1,783.13
Reconciled Difference			\$0.00	\$0.00
▼ Other:			\$47.00	\$7,050.00
Crop Insurance			\$37.00	\$5,550.00
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			\$10.83	\$1,624.74
Total Operating Costs		\$2.50/bu	\$299.67	\$44,951.04
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:			\$21.50	\$3,225.00
Direct R.E. Taxes			\$21.50	\$3,225.00

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Indirect R.E. Taxes			\$0.00	\$0.00
Equipment Depreciation			\$36.70	\$5,504.29
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$16.75	\$2,513.08
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$46.80	\$7,020.00
Total Ownership and Overhead Costs		\$1.22/bu	\$146.75	\$22,012.37
Total Economic Cost		\$3.72/bu	\$446.42	\$66,963.41
Net Return Above Total Costs		\$ ---	\$ ---	\$ ---

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Field Operation Costs / Acre

Field Operation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
Spray Fall Burndown 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
Spray Post Harvest Burndown 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
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
No Till Drill	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	3.00	3.97	0.68	2.18	3.38	
UNL Drill w/fertilizer attachment			2.95	7.00	2.44	
	\$3.00	\$3.97	\$3.63	\$9.18	\$5.83	\$25.61
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 1	3.00	4.44	2.47	11.60	3.37	
UNL Combine Header - Hydrflex			0.03	3.68	2.76	
	\$3.00	\$4.44	\$2.50	\$15.28	\$6.13	\$31.36
Cart	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	0.83	1.09	0.19	0.60	0.93	
UNL Grain Cart			0.38	0.75	0.45	
	\$0.83	\$1.09	\$0.57	\$1.35	\$1.38	\$5.22
Operations Totals:	\$10.51	\$12.43	\$11.89	\$36.70	\$16.75	\$88.28

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 Fall Burndown Herbicide	% acres	qty / acre	cost / unit	total / acre
AAtrex 4L	100 %	1 quart	\$24.00/ gallon	6.00
Gramoxone SL 3.0	100 %	1.5 pint	\$43.00/ gallon	8.06
				\$14.06
Spray Post Harvest Burndown Herbicide	% 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
32-0-0	100 %	115 lbsN	\$0.60/ lbsN	69.00
Lumax EZ	100 %	2.7 quart	\$75.00/ gallon	50.63
				\$119.63
No Till Drill	% acres	qty / acre	cost / unit	total / acre
Sorghum Safened /Insect	100 %	4 pound	\$3.50/ pound	14.00
10-34-0	100 %	6 gallon	\$3.30/ gallon	19.80
				\$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
Haul grain	100 %		\$0.15/ bushel	18.00
				\$18.00
Material, Input, and Service Total:				\$207.01