

2024 UNL #046 Grain Sorghum, Dryland, Conv Till, Southwest - 2024

Total acres: 150 Yield per acre: 85 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			\$44.30	\$6,645.00
82-0-0	70 lbsN	\$0.35 / lbsN	\$24.50	\$3,675.00
10-34-0	6 gallon	\$3.30 / gallon	\$19.80	\$2,970.00
▼ Pesticide			\$64.07	\$9,610.50
21-0-0-24S	0.8 pound	\$0.40 / pound	\$0.32	\$48.00
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
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			\$14.40	\$2,160.00
Aerial Spray	15 %	\$11.00 / acre	\$1.65	\$247.50
Haul grain	85 bushel	\$0.15 / bushel	\$12.75	\$1,912.50
▼ Labor			\$20.55	\$3,083.09
Labor (Paid)			\$20.55	\$3,083.09
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ Fuel and Energy			\$19.79	\$2,968.16
Originally Allocated			\$19.79	\$2,968.16
Reconciled Difference			\$0.00	\$0.00
▼ Repairs and Maintenance			\$23.92	\$3,588.33
Originally Allocated			\$23.92	\$3,588.33
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			\$9.30	\$1,395.19
Total Operating Costs		\$3.03/bu	\$257.34	\$38,600.26
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
Indirect R.E. Taxes			\$0.00	\$0.00

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Equipment Depreciation			\$58.71	\$8,806.97
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$26.35	\$3,952.91
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$51.60	\$7,740.00
Total Ownership and Overhead Costs		\$2.15/bu	\$183.17	\$27,474.88
Total Economic Cost		\$5.18/bu	\$440.50	\$66,075.14
Net Return Above Total Costs		\$ ---	\$ ---	\$ ---

2024 UNL #046 Grain Sorghum, Dryland, Conv Till, Southwest - 2024

Total acres: 150 Yield per acre: 85 bushels

Field Operation Costs / Acre

Field Operation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
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
Anhydrous Application	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	2.16	1.71	0.65	2.08	0.86	
UNL Anhydrous Applicator (toolbar)			2.09	3.43	1.00	
	\$2.16	\$1.71	\$2.74	\$5.51	\$1.86	\$13.98
Plant	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	3.30	2.62	1.00	3.17	1.32	
UNL Planter			6.56	6.00	3.96	
	\$3.30	\$2.62	\$7.56	\$9.18	\$5.28	\$27.93
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
Field Cultivation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	2.20	1.75	0.67	2.12	0.88	
UNL Field Cultivator			2.18	2.67	1.40	
	\$2.20	\$1.75	\$2.85	\$4.79	\$2.28	\$13.86
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
Row Crop Cultivation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	3.75	2.98	1.14	3.61	1.50	
UNL Row Crop Cultivator			1.40	6.25	2.16	
	\$3.75	\$2.98	\$2.54	\$9.86	\$3.65	\$22.77
Combine dryland GS	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Combine 1	2.75	4.07	2.27	10.63	3.09	
UNL Combine Header - Rigid Frame Hydrflex			0.32	3.33	2.08	
	\$2.75	\$4.07	\$2.59	\$13.96	\$5.17	\$28.55
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:	\$20.55	\$19.79	\$23.92	\$58.71	\$26.35	\$149.33

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 #046 Grain Sorghum, Dryland, Conv Till, Southwest - 2024**Total acres: 150 Yield per acre: 85 bushels****Purchased Materials, Inputs, and Services**

Operation / Name	% of acres Applied	Qty Applied / acre	Cost / unit	Total \$ / acre
Anhydrous Application	% acres	qty / acre	cost / unit	total / acre
82-0-0	100 %	70 lbsN	\$0.35/ lbsN	24.50
				\$24.50
Plant	% acres	qty / acre	cost / unit	total / acre
Sorghum Safened /Insect	100 %	4 pound	\$3.50/ pound	14.00
				\$14.00
Spray herbicide	% acres	qty / acre	cost / unit	total / acre
10-34-0	100 %	6 gallon	\$3.30/ gallon	19.80
Lumax EZ	100 %	2.7 quart	\$75.00/ gallon	50.63
AAtrex 4L	100 %	0.5 quart	\$24.00/ gallon	3.00
				\$73.42
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	12.75
				\$12.75
Material, Input, and Service Total:				\$136.77