

2024 UNL #044 Dry Beans, Irrigated-Electric Pivot, Conv. Tillage - 2024

Total acres: 135

Yield per acre: 27 cwt

Economic Enterprise Budget

Category	amt applied	cost per unit	cost per acre	Enterprise Total
Revenue		Value / cwt	Value / acre	Total
Total Gross Revenue	Add Revenue		\$ ---	\$ ---
Operating Costs	Amount / acre	Cost / unit	Cost / acre	Total
▼ Seed			\$75.00	\$10,125.00
Edible bean seed	0.75 cwt	\$100.00 / cwt	\$75.00	\$10,125.00
▼ Fertilizer			\$53.80	\$7,263.00
10-34-0-1Zn	7 gallon	\$3.40 / gallon	\$23.80	\$3,213.00
46-0-0	50 lbsN	\$0.60 / lbsN	\$30.00	\$4,050.00
▼ Pesticide			\$116.18	\$15,684.05
UAN	4 pint	\$2.00 / gallon	\$1.00	\$135.00
NIS	5 ounce	\$26.00 / gallon	\$1.02	\$137.70
Asana XL	3.48 ounce	\$85.00 / gallon	\$2.31	\$311.85
Outlook	21 ounce	\$185.00 / gallon	\$30.35	\$4,097.25
Prowl H2O	2 pint	\$60.00 / gallon	\$15.00	\$2,025.00
Basagran 5L	1.2 pint	\$95.00 / gallon	\$14.25	\$1,923.75
Raptor	4 ounce	\$600.00 / gallon	\$18.75	\$2,531.25
Copper	2 pint	\$8.00 / pint	\$16.00	\$2,160.00
Priaxor	4 ounce	\$560.00 / gallon	\$17.50	\$2,362.50
▼ Custom Services			\$26.24	\$3,542.40
Aerial spray	60 %	\$11.00 / acre	\$6.60	\$891.00
Aerial spray fungicide	100 %	\$11.00 / acre	\$11.00	\$1,485.00
Haul dry beans	27 cwt	\$0.32 / cwt	\$8.64	\$1,166.40
▼ Labor			\$31.33	\$4,229.33
Labor (Paid)			\$31.33	\$4,229.33
Labor (Unpaid)			\$0.00	\$0.00
Reconciled Labor			\$0.00	\$0.00
▼ Fuel and Energy			\$58.14	\$7,848.37
Originally Allocated			\$58.14	\$7,848.37
Reconciled Difference			\$0.00	\$0.00
▼ Repairs and Maintenance			\$39.24	\$5,297.80
Originally Allocated			\$39.24	\$5,297.80
Reconciled Difference			\$0.00	\$0.00
▼ Other:			\$94.00	\$12,690.00
Additional Irrigation Charges			\$0.00	\$0.00
Crop Insurance			\$36.00	\$4,860.00
Crop Marketing		\$0.00	\$0.00	\$0.00
Crop Scouting			\$13.00	\$1,755.00
Crop Drying		\$0.00	\$0.00	\$0.00
Crop Storage		\$0.00	\$0.00	\$0.00
Other Materials			\$45.00	\$6,075.00
Interest on Operating Capital			\$18.52	\$2,500.50
Total Operating Costs		\$18.98/cwt	\$512.45	\$69,180.44
Net Return Above Total Operating		\$ ---	\$ ---	\$ ---
Ownership and Overhead Costs		Cost / cwt	Cost / acre	Total
General Overhead			\$33.00	\$4,455.00
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

Category	amt applied	cost per unit	cost per acre	Enterprise Total
▼ Real Estate Taxes:			\$48.94	\$6,606.90
Direct R.E. Taxes			\$48.94	\$6,606.90
Indirect R.E. Taxes			\$0.00	\$0.00
Equipment Depreciation			\$77.19	\$10,420.84
Facility Depreciation			\$0.00	\$0.00
Equipment Opportunity Cost			\$39.98	\$5,397.51
Facility Opportunity Cost			\$0.00	\$0.00
Land Opportunity Cost			\$117.45	\$15,855.75
Total Ownership and Overhead Costs		\$11.72/cwt	\$316.56	\$42,736.00
Total Economic Cost		\$30.70/cwt	\$829.01	\$111,916.44
Net Return Above Total Costs		\$ ---	\$ ---	\$ ---

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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	6.00	7.93	1.36	4.36	6.76	
UNL Disk - heavy duty			2.50	10.00	3.09	
	\$6.00	\$7.93	\$3.86	\$14.36	\$9.85	\$42.02
Chisel	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	3.00	3.97	0.68	2.18	3.38	
UNL Chisel Plow			2.91	2.50	0.79	
	\$3.00	\$3.97	\$3.59	\$4.68	\$4.17	\$19.41
Field Cultivation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Large Tractor >150 hp	2.20	2.91	0.50	1.60	2.48	
UNL Field Cultivator			2.18	2.67	1.40	
	\$2.20	\$2.91	\$2.68	\$4.27	\$3.88	\$15.94
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
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
Row Crop Cultivation	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	3.00	2.38	0.91	2.89	1.20	
UNL Row Crop Cultivator			1.12	5.00	1.73	
	\$3.00	\$2.38	\$2.03	\$7.89	\$2.92	\$18.22
Pickett Windrower	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
UNL Medium Tractor >80 hp	3.30	2.62	1.00	3.17	1.32	
UNL Dry Bean Puller			1.35	4.17	0.81	
	\$3.30	\$2.62	\$2.35	\$7.34	\$2.13	\$17.74
Combine dry beans	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 Hydraflex			0.32	3.33	2.08	
	\$2.75	\$4.07	\$2.59	\$13.96	\$5.17	\$28.55
UNL Pivot E - Panhandle	Labor	Fuel	Repairs	Deprec.	Opp.	Total / acre
System	5.84		8.89	8.00	4.11	
Pump			1.48	0.89	0.33	
Power Unit		30.09	1.48	0.89	0.33	
Well			0.00	0.00	0.00	
	\$5.84	\$30.09	\$11.85	\$9.78	\$4.78	\$62.34
Operations Totals:	\$31.33	\$58.14	\$39.24	\$77.19	\$39.98	\$245.88

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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Total acres: 135

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Purchased Materials, Inputs, and Services

Operation / Name	% of acres Applied	Qty Applied / acre	Cost / unit	Total \$ / acre
Spray Herbicide	% acres	qty / acre	cost / unit	total / acre
Outlook	100 %	11 ounce	\$185.00/ gallon	15.90
Prowl H2O	100 %	2 pint	\$60.00/ gallon	15.00
				\$30.90
Plant	% acres	qty / acre	cost / unit	total / acre
Edible bean seed	100 %	0.75 cwt	\$100.00/ cwt	75.00
46-0-0	100 %	50 lbsN	\$0.60/ lbsN	30.00
10-34-0-1Zn	100 %	7 gallon	\$3.40/ gallon	23.80
				\$128.80
Spray herbicide	% acres	qty / acre	cost / unit	total / acre
Basagran 5L	100 %	1.2 pint	\$95.00/ gallon	14.25
Raptor	100 %	4 ounce	\$600.00/ gallon	18.75
NIS	100 %	5 ounce	\$26.00/ gallon	1.02
UAN	100 %	4 pint	\$2.00/ gallon	1.00
Outlook	100 %	10 ounce	\$185.00/ gallon	14.45
				\$49.47
Aerial spray insecticide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Aerial spray	60 %		\$11.00/ acre	6.60
Asana XL	60 %	5.8 ounce	\$85.00/ gallon	2.31
				\$8.91
Aerial spray fungicide (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Aerial spray fungicide	100 %		\$11.00/ acre	11.00
Copper	100 %	2 pint	\$8.00/ pint	16.00
Priaxor	100 %	4 ounce	\$560.00/ gallon	17.50
				\$44.50
Haul dry beans (Custom Service)	% acres	qty / acre	cost / unit	total / acre
Haul dry beans	100 %		\$0.32/ cwt	8.64
				\$8.64
UNL Pivot E - Panhandle	% acres	qty / acre	cost / unit	total / acre
Electricity Fixed	100.0 %	1 acre	\$45.00/ acre	45.00
				\$45.00
Material, Input, and Service Total:				\$316.22