NEBRASKA CROP BUDGETS

2024

CENTER FOR AGRICULTURAL PROFITABILITY

Institute of Agriculture and Natural Resources

Institute of Agriculture and Natural Resources
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2024 Nebraska Crop Budgets

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The 2024 Nebraska Crop budget projections were created using cropping practice norms for many producers in Nebraska. However, each individual farming operation is unique, and these budgets should be used only as a guide. The budgets for 2024 are available in the Agricultural Budget Calculator program at: https://agbudget.unl.edu/ To modify these budgets, you can download UNL budgets into your ABC program account or create your own. In addition, the reports for each of the 2024 crop budgets are saved as printable (pdf) files.

The danger in releasing a tool that can subsequently be modified is that there is no way to verify that no alterations have been made or unrealistic data entered. Therefore, users of the enterprise budgeting tool are responsible for independently verifying all results prior to relying on them.

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Glennis can assist with budgets using the new Ag Budget Calculator (ABC) program. https://cap.unl.edu/abc

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Crop Budgeting Procedures

This publication contains 84 crop production budgets for 15 crops, as well as tables for power, machinery labor, and input costs used to develop these budgets. Each budget consists of five sections, including:

- Heading
- List of representative field operations
- List of materials and services used
- Operations and interest tabulations
- Overhead costs, including real estate taxes and opportunity charges

The 2024 budgets have been entered into the Ag Budget Calculator (ABC) program at: agbudget.unl.edu. After creating a free account in ABC, individual enterprise budgets can be downloaded and edited or customized in the program. This link provides more information: cap.unl.edu/abc.

Budget Divisions

The heading for each budget consists of the crop name, system description, and method of water application.

The list of representative field operations is organized in a table with columns for the operation name, quantity or number of times used with units, labor, fuel and lube, power source, and implement costs for both repairs and ownership. "Times" or "Quantity" is typically presented in acres with a decimal denoting where an operation is done on less than all of the acres or where it represents the probability of an operation being done. For those operations that are done multiple times, the number of times is listed. Swathing multiple cuttings of hay is an example. If a unit is other than "acres," it is specified in the "Unit" column. Other units used are bushels (bu), hundredweight (cwt), tons, and acre-inches (ai).

Labor costs for each operation were calculated from machinery accomplishment rates and adjusted for additional time required for getting machinery ready, adjusting machinery, and handling fertilizer and other supplies. The estimated costs for completing these operations are multiplied by the number in the "Times" or "Quantity" column, the product of which is multiplied by the hourly wage ($25 per hour) and the labor factor.

Fuel costs also use machinery accomplishment rates as well as estimated fuel consumption rates to determine fuel use. The fuel cost is multiplied by a lube factor of 1.15. The price of energy is estimated based on current information. Diesel for 2024 was figured at $3.45 per gallon for diesel and $0.11 per kWh for electricity. Repairs and depreciation costs are estimated using functions and factors from the Agricultural Engineer's Yearbook, which is published by the American Society of Agricultural and Biological Engineers. It requires making assumptions about the size and age of the equipment, which we did. We further assumed that machinery was fully utilized. With varying crop yields a harvest factor adjustment was entered as noted on some crop budgets. The factors used align with harvest costs per bushel or unit as found in the 2022 UNL Custom Rates report information.

Data used to calculate power unit costs is in Table 1 and data used for machinery operation costs is in Table 2. All units are acres unless noted in the footnotes.

Irrigation costs were calculated using engineering performance standards and typical water application rates, which will depend on the rainfall area. Repair and ownership costs for the power component of the irrigation system refer to the pump and power unit. Repair and ownership costs for the implement component refer to the delivery system (pipe or pivot).

The **list of materials and services** used is calculated by multiplying the application rate by the application price (Table 3) and then by the percentage acres applied. A value less than 100 percent is used when a material or service is applied on only part of the acres or part of the time. For example, fields planted with Bt corn seed must have 20 percent of the acres planted to a refuge crop. There would be 20 percent in the column called "Percent Acres Applied" for the non-Bt seed and 80 percent for the Bt seed. Another example is when a practice is not always used. If an insecticide is used one year out of four, a "25 percent" would be entered in the column "Percent Acres Applied." The cost for each material/service is computed by multiplying the percentage of acres by the quantity per acre and then by the price per unit.

Fertilizer types and rates noted in the budgets are estimated based on expected crop yields. Producers should apply fertilizer based on soil and water tests, and their expected crop yields.

Table 1. Power Unit Cost Data

Name	*List Price*	*Age*	*Total Tach*	*Est. Hours per Year*
Large Tractor	$534,184	7	850	200
Medium Tractor	$179,500	5	800	200
Combine	$620,953	5	700	200
Electric Pump	$18,000	5	2,400	800
Diesel Pump for Pivot	$16,000	5	2,400	800
Diesel Pump for Pipe	$18,000	5	2,400	800
Windrower	$188,545	5	800	200
Self-propelled sprayer	$515,000	5	700	200

Prices for materials and services in the budgets were obtained in October 2023. Price changes will occur from this timeframe and should be considered by individual operators. Multiple Peril Crop insurance premiums per acre for the crop budgets are at 70% for irrigated and 75% for dryland RP (Revenue Protection) enterprise units. See *Table 6* for costs listed in budgets.

Actual federal crop insurance premiums for 2024 will be available for producers in the spring of 2024. Additional hail and wind or other additional insurance coverages per crop were not included in the budgets.

The value in the "Operation Index" column in the "Materials and Services" section indicated the corresponding operation in the "Field Operations" section. Data for calculating materials cost is in *Table 3.*

The **operations and interest** tabulations are the sum of totals of the first two sections with interest calculated on the cash costs. Cash costs in interest calculations include labor, fuel, and repairs from the list of field operations and all costs from the materials and services.

Overhead costs are entered as $33 per acre for irrigated crop ground, $25 for dryland row crops, and $16 for non-irrigated small grain enterprises. Overhead expenses can vary widely from operation to operation and generally include accounting, liability insurance, vehicle cost, and office expense. Real estate cost is calculated using values from the UNL publication Nebraska Farm Real Estate Market Developments published in June 2023 times an investment rate of 3 percent. Until 2018, 4 percent was used. For 2024 budgets, 1.25% of real estate value was used to figure real estate taxes. This is a .15% adjustment from 1.4% due to real estate tax credits in Nebraska. Taxes on real estate are not included in interest calculations because in Nebraska they are due at the end of the year in which they accrue and are not delinquent until May and September of the following year.

The **production cost and cash cost** per unit of production is calculated. The cost per unit of production is the sum of all costs divided by the projected yield. The cash cost per unit of production does not include machinery power and implement ownership, and real estate opportunity costs.

It should be noted that these budgets are cost estimates only. Revenue projections and profitability estimates are not included. In the UNL Ag Budget Calculator (ABC) program, a revenue section and additional features for customizing enterprise budgets are included, especially relating to machinery and equipment costs per farm or ranch operation.

Benefits of Soybeans in Corn/Soybean Rotation

The budgets for continuous soybeans are different from the budgets for soybeans after corn. A direct comparison of these budgets does not tell the entire story as some of the benefits from soybeans in a corn/soybean rotation are realized in the following corn crop.

One benefit is decrease of the corn rootworm problem. When corn follows soybeans, the root worm insecticide can be omitted and there is no need to purchase corn seed with the rootworm trait. This amounts to a $20.00 per acre savings to the following corn crop.

A second benefit is that corn following soybeans will typically yield more. This increase is between 4 to 10 bushels per acre for irrigated corn and 10 to 30 bushels for dryland corn. Using a 10 bushel increase in corn and a price of $5.50 per bushel results in a $55 per acre increase in income.

A final benefit is the value of nitrogen produced by the soybean crop. If the soybeans produce 45 pounds of nitrogen per acre, this amounts to a savings to the corn crop of $22.50 per acre when nitrogen costs fifty cents a pound.

The above benefits amount to approximately $77.50 per acre which does not include the benefits of spreading labor and machinery use requirements out over a longer time frame.

However, additional phosphorus must be applied to replace that used by the soybeans in a corn crop following soybeans. This amounts to about 0.8 pound for every bushel of soybeans produced. The cost to replace 48 pounds of P2O5 needed for a 60 bushel per acre soybean crop would be approximately $32 per acre. The benefit may be as much as twice that in dryland with the higher corn yields following soybeans.

Table 2. Machinery Cost Data

Operation Name	*List Price*	*Age*	*Annual Use*	*Unit*	*Units per Hour*	*Diesel Use per Hour*
Anhydrous Application	N/A	5	1,000	acre	15	3.30
Bale Large Round	82,216	5	1,000	ton	10	2.88
Bale Large Square	169,535	5	1,000	ton	16	6.19
Bale Small Square	48,581	5	1,250	ton	4	3.50
Cart	84,580	5	440k	bushel	1,540	3.00
Chisel	81,719	5	2,000	acre	11	8.26
Chop Stalks	77,061	5	500	acre	12	5.74
Combine Dryland Corn – (corn head)	70,061	5	1,000	acre	8	10.50
Combine Dryland Soybeans – (flex head)	60,061	5	1,000	acre	7	10.50
Combine Dryland Sorghum – (grain head)	40,300	5	1,000	acre	7	10.50
Combine Irr Corn – (corn head)	81,941	5	1,000	acre	6.5	10.50
Combine Irr Dry Beans – (flex head)	60,061	5	1,000	acre	6.5	10.50
Combine Irr Soybeans – (flex head)	60,061	5	1,000	acre	6	10.50
Combine Irr Sorghum – (grain head)	40,300	7	1,000	acre	7	10.50
Combine Small Grain – (grain head)	40,300	5	1,000	acre	8	10.47
Combine Sunflowers – (sunflower head)	50,300	5	1,000	acre	8	10.50
Corrugate	72,916	5	300	acre	7	4.39
Disk	72,916	5	2,000	acre	11	8.29
Double Windrows	54,000	10	300	acre	20	2.11
Drill	103,565	7	1,500	acre	12.5	4.99
Drill Grass	75,005	7	1,000	acre	9	4.29
Drill No-Till	103,565	5	1,000	acre	12	6.07
Drill w/ Fertilizer	124,778	10	1,500	acre	11	5.00
Field Cultivation	109,997	5	1,500	acre	15	8.20
Harrow	72,916	5	1,000	acre	19	2.05
Irrigation Ditch	N/A	5	1,000	acre-inch	2	
Irrigation Pipe Diesel 125' Lift	N/A	10	2,600	acre-inch	2	3.03
Irrigation Pivot Diesel 125' Lift	115,000	10	2,600	acre-inch	2	3.34
Irrigation Pivot Diesel 125' Lift w/fertigation	125,000	10	2,600	acre-inch	2	3.34
Irrigation Pivot Electric 125' Lift	115,000	10	2,600	acre-inch	2	
Irrigation Pivot Electric 125' Lift w/fertigation	125,000	10	2,600	acre-inch	2	
Lift Beets	246,585	5	1,000	acre	6	6.19
Load Large Square	12,788	5	3,000	ton	20	4.00
Load Small Square	12,788	5	1,250	ton	10	2.00
Move Large Round	12,788	5	3,000	ton	21	4.00
Pickett Windrowers	55,000	5	1,000	acre	10	6.07
Planter	188,388	5	1,500	acre	10	2.73
Plant Narrow Row	188,388	5	1,500	acre	10	2.58
Plant No-Till	188,388	5	1,500	acre	10	3.38
Plow	34,500	5	1,000	acre	8	6.00
Ridge Cultivate/Ditch	102,441	5	1,000	acre	12	5.33
Ridge Cultivation	102,441	5	1,500	acre	10	5.33
Ridge Plant and Band Herbicide	126,282	5	1,500	acre	13.2	5.35
Rod Weeder	72,916	5	1,000	acre	13	5.35
Rod Weeder & Fertilizer	75,000	5	1,000	acre	13	5.35
Roll	33,000	5	300	acre	12	5.46
Roller Harrow	66,530	5	1,000	acre	10	5.00

Table 2. Machinery Cost Data (Continued)

Operation Name	*List Price*	*Age*	*Annual Use*	*Unit*	*Units per Hour*	*Diesel Use per Hour*
Rotary Hoe	28,500	5	1,000	acre	15	3.67
Row Crop Cultivation	75,925	5	1,000	acre	11	3.5
Seeder/Packer	75,005	5	1,000	acre	8	4.29
Spray (Prior Year Stubble)	89,220	5	2,500	acre	33	2.64
Spray Fertilizer	89,220	5	1,000	acre	33	2.64
Spray Fertilizer and Herbicide	89,220	5	1,000	acre	33	2.64
Spray Herbicide	89,220	5	2,500	acre	33	2.64
Spray Insecticide	89,220	5	2,500	acre	33	2.64
Spray Spring Burndown Herbicide	89,220	5	2,500	acre	33	2.64
Spread Fertilizer	70,000	5	1,000	acre	13	3.86
Subsoil/One-Pass Tillage	114,772	5	1,000	acre	9	8.25
Swath/Condition Hay	54,000	5	2,000	acre	10	5.00
Till Plant Beets	103,194	5	1,000	acre	6	8.25
Top Beets	127,495	5	1,000	acre	6	3.50
Turn Windrows	15,726	5	1,000	acre	12	2.10
Windrow Grain	15,726	5	3,000	acre	10	5.00

Table 3. Material Prices (prices as of October 2023)

Item	*Price per Unit*
Additives	
21-0-0-24S	$0.40 / pound
AMS	$0.40 / pound
Approved adjuvant	$2.25 / acre
Crop Oil Concentrate	$13.00 / gallon
MSO	$30.00 / gallon
NIS	$26.00 / gallon
UAN	$2.00 / gallon

Custom	
Aerial Spray	$11.00 / acre
Bale Lg Sq 1360 lb	$19.00 / bale
Broadcast Seed	$15.00 / acre
Chop, Haul, Pack	$20.00 / ton
Dry 2 Points Removed	$0.10 / bushel
Haul & Apply Manure	$ 8.00 / ton
Haul Beets	$ 6.00 / ton
Haul Grain (Dry Beans)	$0.32 / cwt
Haul Grain (Millet)	$0.28 / cwt
Haul Grain (Sunflower)	$0.30 / cwt
Haul Grain Bushels	$0.15 / bushel
Load Large Square Bales	$2.50 / bale
Spray	$9.00 / acre

Item	*Price per Unit*
Fertilizer	
10-34-0	$3.30 / gallon
10-34-0-1Zn	$3.40 / gallon
11-52-0	$0.40 / pound
28-0-0	$1.80 / gallon
32-0-0	$0.60 / lbs N
32-0-0 (Applied by Pivot)	$0.60 / lbs N
32-0-0 (Applied by R2)	$0.60 / lbs N
46-0-0	$0.60 / lbs N
82-0-0	$0.35 / lbs N
Composted manure	$30.00 / ton
Uncomposted manure	$5.00 / ton

Fungicide and Seed Treatment	
Aproach Prima	$300.00 / gallon
Copper	$8.00 / pint
Delaro Complete	$530.00 / gallon
Headline AMP	$230.00 / gallon
Lucento	$650.00 / gallon
Miravis Neo	$260.00 / gallon
Miravis Top	$210.00 / gallon
Priaxor	$560.00 / gallon
Proline 480 SC	$770.00 / gallon
Prosaro 421 SC	$400.00 / gallon
Quadris	$250.00 / gallon
Quilt Xcel	$240.00 / gallon
Revytek	$470.00 / gallon
Soybean Seed Inoculant	$7.00 / acre
Stratego YLD	$700.00 / gallon
Tilt	$110.00 / gallon

Table 3. Material Prices (Continued)

Item	Price per Unit
Herbicide	
2,4-D Amine	$27.00 / gallon
2,4-D Ester 4#	$36.00 / gallon
AAtrex 4L	$24.00 / gallon
Acuron	$85.00 / gallon
Aim 2EC	$240.00 / quart
Ally Extra SGW/TOTSOL	$11.00 / ounce
Armezon	$24.00 / ounce
Armezon Pro	$190.00 / gallon
Atrazine 4L	$25.00 / gallon
Atrazine 90 DF	$6.50 / pound
Authority First DF	$100.00 / pound
Authority DF	$40.00 / pound
Authority Supreme	$630.00 / gallon
Balance Flexx	$6.00 / ounce
Basagran 5L	$95.00 / gallon
Beyond	$540.00 / gallon
Bicep II Magnum	$70.00 / gallon
Brox 2EC	$53.00 / gallon
Callisto 4SC	$380.00 / gallon
Chateau SW	$80.00 / pound
Dicamba	$50.00 / gallon
DiFlexx	$270.00 / gallon
DiFlexx DUO	$120.00 / gallon
Distinct	$46.00 / gallon
Dual Magnum	$80.00 / gallon
Engenia	$160.00 / gallon
Enlist DUO	$55.00 / gallon
Enlist One	$70.00 / gallon
Eptam 7E	$70.00 / gallon
Fierce	$120.00 / pound
Fierce MTZ	$290.00 / gallon
FlexStar GT	$55.00 / gallon
Glyphosate 5# w/Surfactant	$17.00 / gallon
Gramoxone SL 3.0	$43.00 / gallon
Huskie	$135.00 / gallon
Landmaster BW	$25.00 / gallon
Laudis	$725.00 / gallon
Liberty 280	$80.00 / gallon
Lumax EZ	$75.00 / gallon
Norton SC	$130.00 / gallon
Outlook	$185.00 / gallon
Peak	$19.00 / ounce
Prowl H2O	$60.00 / gallon
Pursuit	$500.00 / gallon
Raptor	$600.00 / gallon
Roundup PowerMax 3	$25.00 / gallon
Roundup WeatherMax	$35.00 / gallon
Rugged	$44.00 / gallon

Item	Price per Unit
Herbicide	
Scorch	$70.00 / gallon
Select Max	$130.00 / gallon
Sharpen	$1030.00 / gallon
Sonalan HFP	$70.00 / gallon
Spartan 4F	$280.00 / gallon
Status	$5.50 / ounce
Ultra Blazer	$50.00 / gallon
Valor XLT	$62.00 / pound
Velpar L	$115.00 / gallon
Vida	$560.00 / gallon
Warrant	$46.00 / gallon
Warrant Ultra	$64.00 / gallon
XtendiMax	$75.00 / gallon
Zidua Pro	$640.00 / gallon
Zidua SC	$930.00 / gallon
Insecticide	
Asana XL	$85.00 / gallon
Brigade 2EC	$190.00 / gallon
Capture LFR	$400.00 / gallon
Mustang Maxx	$240.00 / gallon
Regent 4 SC	$12.50 / ounce
Warrior II/Zeon	$410.00 / gallon
Other	
Electricity Fixed	$45.00 / acre
Electricity Usage	$0.11 / kw
Fence/Water Repairs	$300.00 / circle
Irrigation District O&M Charge	$40.00 / acre
Move Cattle	$30.00 / hour
Twine Large Round	$1.50 / bale
Twine Large Square	$1.25 / bale
Twine Small Square	$0.50 / bale
Rental	
Grass Drill	$25.00 / acre
Seeder/Packer	$20.00 / acre
Scouting	
Scouting Dry Beans	$13.00 / acre
Scouting Dryland Corn	$10.00 / acre
Scouting Dryland Soybeans	$10.00 / acre
Scouting Dryland Wheat	$10.00 / acre
Scouting Grain Sorghum	$10.00 / acre
Scouting Irrigated Corn	$13.00 / acre
Scouting Irrigated Soybeans	$13.00 / acre
Scouting Irrigated Wheat	$10.00 / acre
Scouting Sugar Beets	$19.00 / acre

Table 3. Material Prices (Continued)

Item	*Price per Unit*
Seed	
Alfalfa RR 2/Inoculant	$9.25 / pound
Alfalfa w/Inoculant	$6.25 / pound
Corn	$270.00 / bag
Corn Bt, ECB, & RIB	$300.00 / bag
Corn Bt, ECB, RR2, LL & RIB	$300.00 / bag
Corn Bt, ECB, RW, & RIB	$330.00 / bag
Corn Bt, ECB, RW, RR2, LL&RIB	$330.00 / bag
Corn RR2, LL	$290.00 / bag
Corn SmartStax RIB Complete	$340.00 / bag
Cover Crop	$22.00 / acre
Cover Crop Grazing Mix	$33.00 / acre
Edible Beans	$100.00 / cwt
Grass Seed	$80.00 / acre
Millet (Proso)	$0.65 / pound
Oats	$11.00 / bushel
Peas with inoculant	$28.00 / bag

Item	*Price per Unit*
Seed	
E3 Enlist Soybeans	$65.00 / bag
E3 Enlist Soybeans Treated	$78.00 / bag
Liberty Link Treated Soybeans	$78.00 / bag
RR2 Soybeans	$65.00 / bag
RR2 Soybeans Treated	$78.00 / bag
RR2 Soybeans Xtend	$67.00 / bag
RR2 Soybeans Xtend Treated	$80.00 / bag
Sorghum Safened/Insect	$3.50 / pound
Sorghum Sudan	$0.90 / pound
Sorghum Sudan (Treated)	$1.20 / pound
Sorghum Sudan Brown (Treated)	$1.60 / pound
Sorghum Sudan Brown Midrib	$1.30 / pound
Sugar Beets RR Poncho	$200.00 / acre
Sunflower Clearfield	$410.00 / bag
Wheat (Certified Treated)	$0.47 / pound
Rye Cover Crop	$0.35 / pound
Wheat Cover Crop	$0.38 / pound

Converting Energy Numbers in Budgets

If your energy source is different from that used in the crop budgets, use Table 4, developed by Extension Irrigation Engineer Derrel Martin, to convert from diesel to other energy sources.

For example, to convert diesel in gallons to kilowatt-hours of electricity, the multiplier is 14.12. If electricity is $0.11 per kilowatt, the calculation would be 14.12 x 0.11 = $1.55. The 2024 crop budgets use $3.45/gallon for the price of diesel. With electricity you must also include connection charges, and to get the best rates, the electric company's load management service may be utilized.

Table 4. Conversion of, Diesel to Electricity

*Propane, Gasoline, and Natural Gas**

Energy Source	*Units*	*Multiplier*
Electricity	Kilowatt hours	14.12
Propane	Gallons	1.814
Gasoline	Gallons	1.443
Natural gas	1000 Cubic Feet	0.2026

*Source: Estimating the Savings from Improving Pumping Plant Performance by UNL Irrigation Engineer, Derrel Martin

Diesel Fuel Conversion for Center Pivots

The crop production budgets with center pivot irrigation were developed with a pumping lift of 125 feet and 35 psi pressure to determine the amount of diesel fuel used per hour. Table 5 was developed by Derrel Martin to determine the amount of diesel fuel for various pumping lifts and pressures to pump an acre-inch of water.

For example, the amount of diesel required to pump an acre-inch of water with 125 feet of lift at 35 psi is 1.88 gallons with a pump performance rating of 100 percent. If the producer has a lift of 300 feet and a pressure of 50 psi, the diesel fuel required at a performance rating of 100 percent is 3.79 gallons per acre-inch. If the rating on the producer's pump is 80 percent, the diesel fuel required will be 4.74 gallons per acre-inch of water.

With this information, the producer can calculate the additional cost since the diesel fuel required is now 4.74 gallons per acre-inch vs. 1.88 gallons per acre-inch. This is 2.86 gallons more per acre-inch. If a crop budget requires 9 inches, the additional diesel fuel would be 25.74 gallons of diesel at $3.45/gallon (9 inches x 2.86 gallons x $3.45/gallon). The producer's additional cost would be $88.80 per acre.

Table 5. Adjusting diesel fuel required by center pivots for various lifts and pressures

125 feet of lift and 35 PSI are used in the crop budgets. This table provides adjustment figures for diesel fuel when different lifts and pressures are used.

Lift Feet	***Pressure at***							
	10	20	30	35	40	50	60	80
0	0.21	0.42	0.63	0.74	0.84	1.05	1.26	1.69
25	0.44	0.65	0.86	0.97	1.07	1.28	1.49	1.91
50	0.67	0.88	1.09	1.20	1.30	1.51	1.72	2.14
75	0.89	1.11	1.32	1.43	1.53	1.74	1.95	2.37
100	1.12	1.33	1.54	1.65	1.75	1.97	2.18	2.60
125	1.35	1.56	1.77	1.88	1.98	2.19	2.40	2.83
150	1.58	1.79	2.00	2.11	2.21	2.42	2.63	3.05
200	2.03	2.25	2.46	2.57	2.67	2.88	3.09	3.51
250	2.49	2.70	2.91	3.02	3.12	3.33	3.54	3.97
300	2.95	3.16	3.37	3.48	3.58	3.79	4.00	4.42
350	3.40	3.61	3.82	3.93	4.03	4.25	4.46	4.88
400	3.86	4.07	4.28	4.39	4.49	4.70	4.91	5.33

**Multiplier when pumping plant performance rating is less than 100 percent.*

Rating %	100	90	80	70	60	50
Multiplier	1.00	1.11	1.25	1.43	1.67	2.00

* Gallons of diesel fuel required to pump an acre-inch of water at pump performance ratings of 100 percent.

Source: *Estimating the Savings from Improving Pumping Plant Performance* by UNL Extension Irrigation Specialist Derrel Martin.

Table 6. Federal Crop Insurance Premium Estimates

Estimates for 2024 are based on 75% RP, enterprise units on Dryland Crops and 70% RP, enterprise units on Irrigated Crops. (RP is Revenue Protection.)

Budget	*Dryland or Irrigated*	*Area*	*Yield*	*Per Acre Premium*	*Budget*	*Dryland or Irrigated*	*Area*	*Yield*	*Per Acre Premium*
1-Alfalfa	Dryland	State	N/A	N/A	43-Dry Beans	Irrigated	Panhandle	27 cwt	$36.00
2-Alfalfa	Dryland	State	N/A	N/A	44-Dry Beans	Irrigated	Panhandle	27 cwt	$36.00
3-Alfalfa	Dryland	State	N/A	N/A	45-Dry Beans	Irrigated	Panhandle	27 cwt	$36.00
4-Alfalfa	Dryland	State	2.8 ton	N/A	46-Grain Sorghum	Dryland	Southwest	115 bushel	$37.00
5-Alfalfa	Dryland	State	2.8 ton	N/A	47-Grain Sorghum	Dryland	State	135 bushel	$32.00
6-Alfalfa	Irrigated	State	3.8 ton	N/A	48-Grain Sorghum	Dryland	Southwest	120 bushel	$37.00
7-Alfalfa	Irrigated	State	4 ton	N/A	49-Grain Sorghum	Irrigated	State	170 bushel	$20.00
8-Alfalfa	Irrigated	Panhandle	2.5 ton	N/A	50-Grass	Irrigated	State	N/A	N/A
9-Alfalfa	Dryland	State	4.4 ton	N/A	51-Grass Hay	Dryland	State	2.2 ton	N/A
10-Alfalfa	Irrigated	State	6.7 ton	N/A	52-Millet	Dryland	Panhandle	22 cwt	$11.00
11-Alfalfa	Irrigated	State	6.8 ton	N/A	53-Millet	Dryland	Panhandle	22 cwt	$11.00
12-Alfalfa	Irrigated	Panhandle	6.6 ton	N/A	54-Oats	Dryland	State	85 bushel	$16.00
13-Alfalfa	Irrigated	State	6.6 ton	N/A	55-Pasture	Irrigated	State	11 AUM	N/A
14-Alfalfa	Irrigated	State	6.8 ton	N/A	56-Peas	Dryland	Panhandle	35 bushel	$17.00
15-Corn	Dryland	State	100 bushel	$40.00	57-Sorghum-Sudan	Dryland	State	5 ton	N/A
16-Corn	Dryland	State	110 bushel	$40.00	58-Soybeans	Dryland	State	45 bushel	$38.00
17-Corn	Dryland	Eastern	160 bushel	$10.00	59-Soybeans	Dryland	State	50 bushel	$38.00
18-Corn	Dryland	Eastern	170 bushel	$10.00	60-Soybeans	Dryland	State	45 bushel	$38.00
19-Corn	Dryland	State	135 bushel	$44.00	61-Soybeans	Irrigated	State	67 bushel	$11.00
20-Corn	Dryland	Eastern	180 bushel	$10.00	62-Soybeans	Irrigated	State	70 bushel	$11.00
21-Corn	Dryland	State	140 bushel	$44.00	63-Soybeans	Irrigated	State	75 bushel	$11.00
22-Corn	Dryland	Eastern	185 bushel	$10.00	64-Soybeans	Irrigated	State	64 bushel	$11.00
23-Corn	Dryland	State	145 bushel	$46.00	65-Soybeans	Irrigated	State	78 bushel	$11.00
24-Corn	Dryland	Eastern	195 bushel	$11.00	66-Soybeans	Irrigated	State	78 bushel	$11.00
25-Corn	Dryland	Southwest	130 bushel	$40.00	67-Soybeans	Irrigated	State	78 bushel	$11.00
26-Corn	Irrigated	State	245 bushel	$14.00	68-Sugarbeet	Irrigated	Panhandle	26 ton	$54.00
27-Corn	Irrigated	State	255 bushel	$14.00	69-Sugarbeet	Irrigated	Panhandle	26 ton	$54.00
28-Corn	Irrigated	State	250 bushel	$14.00	70-Sugarbeet	Irrigated	Panhandle	26 ton	$54.00
29-Corn	Irrigated	Panhandle	195 bushel	$23.00	71-Sugarbeet	Irrigated	Panhandle	26 ton	$54.00
30-Corn	Irrigated	State	245 bushel	$14.00	72-Sunflower	Dryland	Panhandle	13 cwt	$22.00
31-Corn	Irrigated	State	250 bushel	$14.00	73-Sunflower	Dryland	Panhandle	16 cwt	$22.00
32-Corn	Irrigated	State	245 bushel	$14.00	74-Sunflower*	Irrigated	Panhandle	30 cwt	$16.00
33-Corn	Irrigated	State	275 bushel	$16.00	75-Wheat Spring	Dryland	Southwest	40 bushel	$11.00
34-Corn	Irrigated	State	275 bushel	$16.00	76-Wheat-Winter	Dryland	Southwest	55 bushel	$23.00
35-Corn	Irrigated	State	275 bushel	$16.00	77-Wheat-Winter	Dryland	Panhandle	70 bushel	$25.00
36-Corn	Irrigated	State	235 bushel	$14.00	78-Wheat-Winter	Dryland	Panhandle	65 bushel	$24.00
37-Corn	Irrigated	State	245 bushel	$14.00	79-Wheat-Winter	Dryland	Panhandle	60 bushel	$23.00
38-Corn	Irrigated	Panhandle	195 bushel	$23.00	80-Wheat-Winter	Dryland	Southwest	80 bushel	$32.00
39-Corn	Irrigated	Panhandle	205 bushel	$24.00	81-Wheat-Winter	Irrigated	Panhandle	105 bu.	$37.00
40-Corn	Irrigated	State	240 bushel	$14.00	82-Wheat-Winter	Irrigated	Panhandle	90 bushel	$35.00
41-Corn	Irrigated	State	28 ton	$14.00	83-Cover Crop	Dryland	State	N/A	N/A
42-Dry Beans	Irrigated	Panhandle	27 cwt	$36.00	84- Cover Crop Grazing	Dryland	State	N/A	N/A

Source: Crop insurance rates for various crops were provided by Farm Credit Services of America, North Platte, Nebraska office. Due to price volatility, these rates may change when rates are updated in March 2024. Winter wheat premiums are actual (established fall, 2023). Premiums will vary statewide by location, yield, and coverage level. The estimates in this chart do not include hail insurance premium costs.

**** Spring Wheat #74 budget - Crop insurance is only available in Box Butte, Dawes, Sheridan counties for summer fallow spring wheat and may be available under written agreement.***

2024 Budget 1-Alfalfa, Conventional Tillage, Fall Establishment
Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership Power	Ownership Imp.	Total	Your Estimate
1	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
2	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
3	Harrow	1		1.15	0.34	0.03	0.64	2.18	3.69	8.03	
4	Harrow	1		1.15	0.34	0.03	0.64	2.18	3.69	8.03	
5	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
6	Roll	1		2.08	1.80	0.05	0.37	4.37	3.34	12.01	
7	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
8	Spray Insecticide	0.2		0.19	0.06	0.00	0.22	0.32	0.40	1.19	
	Total for Field Operations			12.21	8.67	0.52	11.43	31.41	21.92	86.16	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
11-52-0	Fertilizer	1	100%	100	pound	0.40	40.00	
Alfalfa w/Inoculant	Seed	5	100%	12	pound	6.25	75.00	
Brox 2EC	Herbicide	7	100%	1	pint	6.63	6.63	
Pursuit	Herbicide	7	100%	3	ounce	3.91	11.72	
Crop Oil Concentrate	Additive	7	100%	1.6	pint	1.63	2.60	
UAN	Additive	7	100%	2	pint	0.25	0.50	
Mustang Maxx	Insecticide	8	20%	3	ounce	1.88	1.13	
Total Materials & Services							137.58	

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					223.74	
Interest on Operations Capital	$ 170.41	cash expense @	7.00%	for 6.0 mo.	5.96	
Total Operating and Use Related Ownership Costs					229.70	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					0.00	
Real Estate Opportunity	Fall Establishment	$ -	per acre @	3.00%	0.00	
Real Estate Taxes		$ -	per acre @	1.25%	0.00	
Total Cost per Acre Including Overhead					229.70	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 2-Alfalfa, Roundup Ready®, No Till, Fall Establishment
Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership Power	Ownership Imp.	Total	Your Estimate
1	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Drill w/ Fertilizer	1		2.73	1.80	0.06	5.00	4.77	5.24	19.60	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Spray Insecticide	0.2		0.19	0.06	0.00	0.22	0.32	0.40	1.19	
	Total for Field Operations			4.82	2.50	0.10	7.44	8.27	9.68	32.81	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
Gramoxone SL 3.0	Herbicide	1	100%	2	pint	5.38	10.75	
11-52-0	Fertilizer	2	100%	100	pound	0.40	40.00	
Alfalfa RR w/Inoculant	Seed	2	100%	12	pound	9.25	111.00	
Brox 2EC	Herbicide	3	100%	1	pint	6.63	6.63	
Roundup PowerMax 3	Herbicide	3	100%	32	ounce	0.20	6.25	
21-0-0-24S	Additive	3	100%	1.7	pound	0.40	0.68	
Mustang Maxx	Insecticide	4	20%	3	ounce	1.88	1.13	
Total Materials & Services							176.44	

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					209.25	
Interest on Operations Capital	$ 191.30	cash expense @	7.00%	for 6.0 mo.	6.70	
Total Operating and Use Related Ownership Costs					215.95	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					0.00	
Real Estate Opportunity	Fall Establishment	$ -	per acre @	3.00%	0.00	
Real Estate Taxes		$ -	per acre @	1.25%	0.00	
Total Cost per Acre Including Overhead					215.95	

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2024 Budget 3-Alfalfa, Roundup Ready®, Conventional Tillage, Fall Establishment
Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership Power	Ownership Imp.	Total	Your Estimate
1	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
2	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
3	Harrow	1		1.15	0.34	0.03	0.64	2.18	3.69	8.03	
4	Harrow	1		1.15	0.34	0.03	0.64	2.18	3.69	8.03	
5	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
6	Roll	1		2.08	1.80	0.05	0.37	4.37	3.34	12.01	
7	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
8	Spray Insecticide	0.2		0.19	0.06	0.00	0.22	0.32	0.40	1.19	
	Total for Field Operations			12.21	8.67	0.52	11.43	31.41	21.92	86.16	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
11-52-0	Fertilizer	1	100%	100	pound	0.40	40.00	
Alfalfa RR w/Inoculant	Seed	5	100%	12	pound	9.25	111.00	
Roundup PowerMax 3	Herbicide	7	100%	32	ounce	0.20	6.25	
Brox 2EC	Herbicide	7	100%	1	pint	6.63	6.63	
21-0-0-24S	Additive	7	100%	1.7	pound	0.40	0.68	
Mustang Maxx	Insecticide	8	20%	3	ounce	1.88	1.13	
Total Materials & Services							165.69	

Total listed costs for Field Operations and Materials and Services				251.85	
Interest on Operations Capital	$ 198.52	cash expense @	7.00% for 6.0 mo.	6.95	
Total Operating and Use Related Ownership Costs				258.80	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				0.00	
Real Estate Opportunity	Fall Establishment	$ -	per acre @ 3.00%	0.00	
Real Estate Taxes		$ -	per acre @ 1.25%	0.00	
Total Cost per Acre Including Overhead				258.80	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 4-Alfalfa, Small Square Bales, Conventional Tillage, Establish Spring Seed with Herbicides, 2.8 ton Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
2	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
3	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
4	Seeder/Packer	1		3.75	2.13	0.08	4.17	6.55	3.63	20.31	
5	Spray Insecticide	0.2		0.19	0.06	0.00	0.22	0.32	0.40	1.19	
6	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
7	Swath/Condition Hay	2		5.00	3.97	1.93	2.17	7.08	12.18	32.33	
8	Turn Windrows	0.5		1.04	0.35	0.40	0.11	1.47	0.31	3.68	
9	Bale Small Square	2.8	ton	19.25	9.72	0.45	21.71	36.70	5.02	92.85	
10	Load Small Square	2.8	ton	7.00	2.22	0.18	0.79	14.68	1.14	26.01	
	Total for Field Operations			43.50	25.17	3.61	34.00	94.02	33.81	234.11	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
11-52-0	Fertilizer	1	100%	100	pound	0.40	40.00	
Seeder/Packer	Rental	4	100%	1	acre	20.00	20.00	
Alfalfa w/Inoculant	Seed	4	100%	12	pound	6.25	75.00	
Mustang Maxx	Insecticide	5	20%	3	ounce	1.88	1.13	
Brox 2EC	Herbicide	6	100%	1	pint	6.63	6.63	
Pursuit	Herbicide	6	100%	3	ounce	3.91	11.72	
Twine Small Square	Other	9	100%	2.8	ton	15.00	42.00	
Total Materials & Services							196.48	

							Total	Your Estimate
Total listed costs for Field Operations and Materials and Services							430.59	
Interest on Operations Capital	$	302.76	cash expense @		7.00%	for 6.0 mo.	10.60	
Total Operating and Use Related Ownership Costs							441.19	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)							16.00	
Real Estate Opportunity^	Dryland (State)	$	4,395	per acre @	3.00%		131.85	
Real Estate Taxes		$	4,395	per acre @	1.25%		54.94	
Total Cost per Acre Including Overhead							643.98	
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*						137.25	
Cost of production per ton							229.99	

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2024 Budget 5-Alfalfa, Roundup Ready®, Small Square Bales, Conventional Tillage, Establish Spring Seed, 2.8 ton Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
2	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
3	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
4	Seeder/Packer	1		3.75	2.13	0.08	4.17	6.55	3.63	20.31	
5	Spray Insecticide	0.2		0.19	0.06	0.00	0.22	0.32	0.40	1.19	
6	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
7	Swath/Condition Hay	2		5.00	3.97	1.93	2.17	7.08	12.18	32.33	
8	Turn Windrows	0.5		1.04	0.35	0.40	0.11	1.47	0.31	3.68	
9	Bale Small Square	2.8	ton	19.25	9.72	0.45	21.71	36.70	5.02	92.85	
10	Load Small Square	2.8	ton	7.00	2.22	0.18	0.79	14.68	1.14	26.01	
	Total for Field Operations			43.50	25.17	3.61	34.00	94.02	33.81	234.11	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
11-52-0	Fertilizer	1	100%	100	pound	0.40	40.00	
Seeder/Packer	Rental	4	100%	1	acre	20.00	20.00	
Alfalfa RR w/Inoculant	Seed	4	100%	12	pound	9.25	111.00	
Mustang Maxx	Insecticide	5	20%	3	ounce	1.88	1.13	
Roundup PowerMax 3	Herbicide	6	100%	32	ounce	0.20	6.25	
Brox 2EC	Herbicide	6	100%	1	pint	6.63	6.63	
21-0-0-24S	Additive	6	100%	1.70	pound	0.40	0.68	
Twine Small Square	Other	9	100%	2.80	ton	15.00	42.00	
Total Materials & Services							227.69	

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					461.80	
Interest on Operations Capital	$ 333.97	cash expense @	7.00%	for 6.0 mo.	11.69	
Total Operating and Use Related Ownership Costs					473.48	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00	
Real Estate Opportunity^	Dryland (State)	$ 4,395	per acre @	3.00%	131.85	
Real Estate Taxes		$ 4,395	per acre @	1.25%	54.94	
Total Cost per Acre Including Overhead					685.27	
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*				152.00	
Cost of production per ton					244.74	

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2024 Budget 6-Alfalfa, Large Square Bales, Conventional Tillage, Establish Spring Seed with Herbicides, 3.8 ton Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 12 acre/inches

						Repairs		Ownership^			
	Field Operations	**Times or Qty**	**Unit**	**Labor @ $25.00 /Hr**	**Fuel @ $3.45 and Lube**	**Power**	**Imp.**	**Power**	**Imp.**	**Total**	**Your Estimate**
1	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
2	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
3	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
4	Seeder/Packer	1		3.75	2.13	0.08	4.17	6.55	3.63	20.31	
5	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
6	Pivot D 125' Lift	10	ai	8.68	73.62	3.92	8.00	7.44	14.55	116.21	
7	Swath/Condition Hay	2		5.00	3.97	1.93	2.17	7.08	12.18	32.33	
8	Turn Windrows	0.5		1.04	0.35	0.40	0.11	1.47	0.31	3.68	
9	Bale Large Square	3.8	ton	6.15	5.49	0.70	2.77	30.35	29.72	75.18	
10	Load Large Square	3.8	ton	5.23	3.02	0.12	0.55	9.96	0.64	19.52	
11	Spray Insecticide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
	Total for Field Operations			37.59	95.46	7.73	23.15	90.86	73.17	327.96	

Materials & Services		**Operation Index**	**Percent Acres Applied**	**Application Rate**	**Application Unit**	**Applied Price**	**Total**	**Your Estimate**
11-52-0	Fertilizer	1	100%	100	pound	0.40	40.00	
Seeder/Packer	Rental	4	100%	1	acre	20.00	20.00	
Alfalfa w/Inoculant	Seed	4	100%	12	pound	6.25	75.00	
Brox 2EC	Herbicide	5	100%	1	pint	6.63	6.63	
Pursuit	Herbicide	5	100%	3	ounce	3.91	11.72	
Twine Large Square	Other	9	100%	3.80	ton	1.84	6.98	
Mustang Maxx	Insecticide	11	50%	3	ounce	1.88	2.81	
Total Materials & Services							163.14	

Total listed costs for Field Operations and Materials and Services					491.10	
Interest on Operations Capital	$ 327.07	cash expense @	7.00%	for 6.0 mo.	11.45	
Total Operating and Use Related Ownership Costs					502.55	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Pivot (State)	$ 8,760	per acre @	3.00%	262.80	
Real Estate Taxes		$ 8,760	per acre @	1.25%	109.50	
Total Cost per Acre Including Overhead					907.85	
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*				126.58	
Cost of production per ton					238.91	

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2024 Budget 7-Alfalfa, Roundup Ready®, Large Square Bales, Conventional Tillage, Establish Spring Seed, 4 ton Yield Pivot Irrigated Diesel, 800 GPM 35 PSI, 12 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
2	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
3	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
4	Seeder/Packer	1		3.75	2.13	0.08	4.17	6.55	3.63	20.31	
5	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
6	Pivot D 125' Lift	10	ai	8.68	73.62	3.92	8.00	7.44	14.55	116.21	
7	Swath/Condition Hay	2		5.00	3.97	1.93	2.17	7.08	12.18	32.33	
8	Turn Windrows	0.5		1.04	0.35	0.40	0.11	1.47	0.31	3.68	
9	Bale Large Square	4	ton	6.47	5.77	0.74	2.91	31.95	31.28	79.12	
10	Load Large Square	4	ton	5.50	3.17	0.13	0.58	10.49	0.68	20.55	
11	Spray Insecticide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
	Total for Field Operations			38.18	95.89	7.78	23.32	92.99	74.77	332.93	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
11-52-0	Fertilizer	1	100%	100	pound	0.40	40.00	
Seeder/Packer	Rental	4	100%	1	acre	20.00	20.00	
Alfalfa RR w/Inoculant	Seed	4	100%	12	pound	9.25	111.00	
Roundup PowerMax 3	Herbicide	5	100%	32	ounce	0.20	6.25	
Brox 2EC	Herbicide	5	100%	1	pint	6.63	6.63	
21-0-0-24S	Additive	5	100%	1.7	pound	0.40	0.68	
Twine Large Square	Other	9	100%	4	ton	1.84	7.34	
Mustang Maxx	Insecticide	11	50%	3	ounce	1.88	2.81	
Total Materials & Services							194.71	

Total listed costs for Field Operations and Materials and Services					527.64
Interest on Operations Capital	$ 359.88	cash expense @	7.00%	for 6.0 mo.	12.60
Total Operating and Use Related Ownership Costs					540.24
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00
Real Estate Opportunity^	Pivot (State)	$ 8,760	per acre @	3.00%	262.80
Real Estate Taxes		$ 8,760	per acre @	1.25%	109.50
Total Cost per Acre Including Overhead					945.54
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*				128.74
Cost of production per ton					236.38

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 8-Alfalfa, Large Round Bales, Panhandle, Conventional Tillage, Fall Seeded with Subsequent Year Production, 2.5 ton Yield
Gravity Irrigated, fed by canal, 18 acre/inches

						Repairs		Ownership^			
	Field Operations	**Times or Qty**	**Unit**	**Labor @ $25.00 /Hr**	**Fuel @ $3.45 and Lube**	**Power**	**Imp.**	**Power**	**Imp.**	**Total**	**Your Estimate**
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
3	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
4	Roll	1		2.08	1.80	0.05	0.37	4.37	3.34	12.01	
5	Spray Insecticide	0.2		0.19	0.06	0.00	0.22	0.32	0.40	1.19	
6	Corrugate	1		3.92	2.48	0.45	2.20	19.34	12.28	40.67	
7	Swath/Condition Hay	2		5.00	3.97	1.93	2.17	7.08	12.18	32.33	
8	Turn Windrows	0.5		1.04	0.35	0.40	0.11	1.47	0.31	3.68	
9	Bale Large Round	2.5	ton	5.73	2.38	0.13	7.10	10.92	9.48	35.74	
10	Move Large Round	2.5	ton	3.27	1.89	0.08	0.00	6.24	0.42	11.90	
11	Ditch Irrigation	18	ai	25.00	0.00	7.06	0.00	15.81	0.00	47.87	
12	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
	Total for Field Operations			53.87	19.06	10.51	21.73	87.91	49.21	242.29	

Materials & Services		**Operation Index**	**Percent Acres Applied**	**Application Rate**	**Unit**	**Applied Price**	**Total**	**Your Estimate**
11-52-0	Fertilizer	2	100%	100	pound	0.40	40.00	
Alfalfa w/Inoculant	Seed	3	100%	12	pound	6.25	75.00	
Oats	Seed	3	100%	0.5	bushel	11.00	5.50	
Mustang Maxx	Insecticide	5	20%	3	ounce	1.88	1.13	
Twine Large Round	Other	9	100%	2.5	ton	1.95	4.87	
Irrigation District O&M Charge	Other	11	100%	1	acre	40.00	40.00	
Brox 2EC	Herbicide	12	100%	1	pint	6.63	6.63	
Raptor	Herbicide	12	100%	4	ounce	4.69	18.75	
Crop Oil Concentrate	Additive	12	100%	1.6	pint	1.63	2.60	
UAN	Additive	12	100%	2	pint	0.25	0.50	
Total Materials & Services							194.98	

Total listed costs for Field Operations and Materials and Services				437.27	
Interest on Operations Capital	$ 300.15	cash expense @	7.00% for 6.0 mo.	10.51	
Total Operating and Use Related Ownership Costs				447.78	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^	Gravity (Panhandle)	$ 3,545	per acre @ 3.00%	106.35	
Real Estate Taxes		$ 3,545	per acre @ 1.25%	44.31	
Total Cost per Acre Including Overhead				631.44	
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*			155.19	
Cost of production per ton				252.57	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 9-Alfalfa, Large Round Bales, 4.4 ton Yield
Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
2	Swath/Condition Hay	4		10.00	7.94	3.85	4.34	14.16	24.36	64.65	
3	Turn Windrows	1		2.08	0.69	0.80	0.23	2.95	0.62	7.37	
4	Double Windrows	3		4.13	1.25	0.10	1.20	7.87	8.10	22.65	
5	Bale Large Round	4.4	ton	10.08	4.18	0.24	12.50	19.23	16.69	62.92	
6	Move Large Round	4.4	ton	5.76	3.33	0.14	0.00	10.99	0.74	20.96	
7	Spray Insecticide	0.2		0.19	0.06	0.00	0.22	0.32	0.40	1.19	
	Total for Field Operations			34.21	18.66	5.18	18.49	59.65	53.55	189.74	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
11-52-0	Fertilizer	1	100%	50	pound	0.40	20.00	
Twine Large Round	Other	5	100%	4.4	ton	1.95	8.58	
Mustang Maxx	Insecticide	7	20%	3	ounce	1.88	1.13	
Total Materials & Services							29.71	

				Total	Your Estimate
Total listed costs for Field Operations and Materials and Services				219.45	
Interest on Operations Capital	$ 106.25	cash expense @	7.00% for 6.0 mo.	3.72	
Total Operating and Use Related Ownership Costs				223.17	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				25.00	
Real Estate Opportunity^	Dryland (State)	$ 4,395 per acre @	3.00%	131.85	
Real Estate Taxes		$ 4,395 per acre @	1.25%	54.94	
Total Cost per Acre Including Overhead				434.96	
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*			43.16	
Cost of production per ton				98.85	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 10-Alfalfa, Large and Small Square Bales, 6.7 ton Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 16 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
2	Swath/Condition Hay	4		10.00	7.94	3.85	4.34	14.16	24.36	64.65	
3	Turn Windrows	1		2.08	0.69	0.80	0.23	2.95	0.62	7.37	
4	Double Windrows	4		5.50	1.67	0.13	1.60	10.49	10.79	30.18	
5	Bale Large Square	4.5	ton	7.23	6.45	0.82	3.25	35.68	34.93	88.36	
6	Load Large Square	Custom	ton								
7	Bale Small Square	2.2	ton	15.35	7.75	0.36	17.32	29.28	4.00	74.06	
8	Load Small Square	2.2	ton	5.58	1.77	0.14	0.63	11.71	0.91	20.74	
9	Pivot E 125' Lift	16	ai	13.89	46.72	7.13	8.00	12.49	23.29	111.52	
10	Spray Herbicide	0.25		0.24	0.08	0.00	0.28	0.40	0.50	1.50	
11	Spray Insecticide	0.20		0.19	0.06	0.00	0.22	0.32	0.40	1.19	
	Total for Field Operations			62.03	74.34	13.28	35.87	121.61	102.44	409.57	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
11-52-0	Fertilizer	1	100%	75	pound	0.40	30.00	
Twine Large Square	Other	5	100%	4	ton	1.84	7.34	
Load Large Square Bales	Custom	6	100%	4.467	ton	3.67	16.40	
Twine Small Square	Other	7	100%	2.233	ton	15.00	33.50	
Electricity Fixed	Other	9	100%	1	acre	45.00	45.00	
Chateau SW	Herbicide	10	25%	4	ounce	5.00	5.00	
Brox 2EC	Herbicide	10	25%	1	pint	6.63	1.66	
Pursuit	Herbicide	10	25%	3	ounce	3.91	2.93	
Crop Oil Concentrate	Additive	10	25%	1.6	pint	1.63	0.65	
UAN	Additive	10	25%	2	pint	0.25	0.13	
Mustang Maxx	Insecticide	11	20%	3	ounce	1.88	1.13	
Total Materials & Services							143.74	

Total listed costs for Field Operations and Materials and Services					553.31	
Interest on Operations Capital	$ 329.26	cash expense @	7.00%	for 6.0 mo.	11.52	
Total Operating and Use Related Ownership Costs					564.83	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Pivot (State)	$ 8,760	per acre @	3.00%	262.80	
Real Estate Taxes		$ 8,760	per acre @	1.25%	109.50	
Total Cost per Acre Including Overhead					970.13	
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*				72.13	
Cost of production per ton					144.80	

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2024 Budget 11-Alfalfa, Roundup Ready®, Large and Small Square Bales, 6.8 ton Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 16 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
2	Swath/Condition Hay	4		10.00	7.94	3.85	4.34	14.16	24.36	64.65	
3	Turn Windrows	1		2.08	0.69	0.80	0.23	2.95	0.62	7.37	
4	Double Windrows	4		5.50	1.67	0.13	1.60	10.49	10.79	30.18	
5	Bale Large Square	4.5	ton	7.33	6.54	0.83	3.30	36.21	35.46	89.67	
6	Load Large Square	Custom	ton								
7	Bale Small Square	2.3	ton	15.58	7.87	0.37	17.57	29.71	4.06	75.16	
8	Load Small Square	2.3	ton	5.67	1.80	0.15	0.64	11.88	0.92	21.06	
9	Pivot E 125' Lift	16	ai	13.89	46.72	7.13	8.00	12.49	23.29	111.52	
10	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
11	Spray Insecticide	0.2		0.19	0.06	0.00	0.22	0.32	0.40	1.19	
	Total for Field Operations			63.16	74.82	13.33	37.01	123.93	104.56	416.81	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
11-52-0	Fertilizer	1	100%	80	pound	0.40	32.00	
Twine Large Square	Other	5	100%	4.53	ton	1.84	8.32	
Load Large Square Bales	Custom	6	100%	4.53	ton	3.67	16.64	
Twine Small Square	Other	7	100%	2.27	ton	15.00	34.00	
Electricity Fixed	Other	9	100%	1	acre	45.00	45.00	
Brox 2EC	Herbicide	10	100%	1	pint	6.63	6.63	
Roundup PowerMax 3	Herbicide	10	100%	32	ounce	0.20	6.25	
21-0-0-24S	Additive	10	100%	1.7	pound	0.40	0.68	
Mustang Maxx	Insecticide	11	20%	3	ounce	1.88	1.13	
Total Materials & Services							150.65	

Total listed costs for Field Operations and Materials and Services				567.46	
Interest on Operations Capital $ 338.97	cash expense @	7.00%	for 6.0 mo.	11.86	
Total Operating and Use Related Ownership Costs				579.32	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^ — Pivot (State)	$ 8,760	per acre @	3.00%	262.80	
Real Estate Taxes	$ 8,760	per acre @	1.25%	109.50	
Total Cost per Acre Including Overhead				984.62	
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*			72.55	
Cost of production per ton				144.80	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 12-Alfalfa, Panhandle, Large and Small Square Bales, 6.6 ton Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 16 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
2	Swath/Condition Hay	4		10.00	7.94	3.85	4.34	14.16	24.36	64.65	
3	Bale Large Square	4.4	ton	7.12	6.35	0.81	3.20	35.15	34.41	87.04	
4	Load Large Square	Custom	ton								
5	Bale Small Square	2.2	ton	15.13	7.64	0.36	17.06	28.84	3.94	72.97	
6	Load Small Square	2.2	ton	5.50	1.75	0.14	0.62	11.54	0.89	20.44	
7	Pivot E 125' Lift	16	ai	13.89	46.72	7.13	8.00	12.49	23.29	111.52	
8	Spray Herbicide	0.25		0.24	0.08	0.00	0.28	0.40	0.50	1.50	
9	Spray Insecticide	0.2		0.19	0.06	0.00	0.22	0.32	0.40	1.19	
	Total for Field Operations			54.04	71.75	12.34	33.72	107.03	90.43	369.31	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
11-52-0	Fertilizer	1	100%	75	pound	0.40	30.00	
Twine Large Square	Other	3	100%	4.4	ton	1.84	8.08	
Load Large Square Bales	Custom	4	100%	4.4	ton	3.67	16.15	
Twine Small Square	Other	5	100%	2.2	ton	15.00	33.00	
Electricity Fixed	Other	7	100%	1	acre	45.00	45.00	
Velpar L	Herbicide	8	25%	3	pint	14.38	10.78	
Mustang Maxx	Insecticide	9	20%	3	ounce	1.88	1.13	
Total Materials & Services							144.14	

Total listed costs for Field Operations and Materials and Services					513.45
Interest on Operations Capital	$ 315.99	cash expense @	7.00%	for 6.0 mo.	11.06
Total Operating and Use Related Ownership Costs					524.51
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00
Real Estate Opportunity^	Pivot (Panhandle)	$ 3,915	per acre @	3.00%	117.45
Real Estate Taxes		$ 3,915	per acre @	1.25%	48.94
Total Cost per Acre Including Overhead					723.90
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*				61.97
Cost of production per ton					109.68

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2024 Budget 13-Alfalfa, Large Square Bales, 6.6 ton Yield
Gravity Irrigated, fed by canal, 22 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
2	Swath/Condition Hay	4		10.00	7.94	3.85	4.34	14.16	24.36	64.65	
3	Turn Windrows	1		2.08	0.69	0.80	0.23	2.95	0.62	7.37	
4	Double Windrows	4		5.50	1.67	0.13	1.60	10.49	10.79	30.18	
5	Bale Large Square	6.6		10.68	9.53	1.21	4.80	52.72	51.62	130.56	
6	Load Large Square	Custom									
7	Corrugate	1		3.92	2.48	0.45	2.20	19.34	12.28	40.67	
8	Ditch Irrigation	22	ai	30.56						30.56	
9	Spray Herbicide	0.25		0.24	0.08	0.00	0.28	0.40	0.50	1.50	
10	Spray Insecticide	0.2		0.19	0.06	0.00	0.22	0.32	0.40	1.19	
	Total for Field Operations			65.14	23.66	6.49	13.67	104.51	103.21	316.68	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
11-52-0	Fertilizer	1	100%	75	pound	0.40	30.00	
Twine Large Square	Other	5	100%	6.6	ton	1.84	12.11	
Load Large Square Bales	Custom	6	100%	6.6	ton	3.67	24.23	
Irrigation District O&M Charge	Other	8	100%	1	acre	40.00	40.00	
Brox 2EC	Herbicide	9	25%	1	pint	6.63	1.66	
Pursuit	Herbicide	9	25%	3	ounce	3.91	2.93	
Crop Oil Concentrate	Additive	9	25%	1.6	pint	1.63	0.65	
UAN	Additive	9	25%	2	pint	0.25	0.13	
Mustang Maxx	Insecticide	10	20%	3	ounce	1.88	1.13	
	Crop Insurance					N/A	0.00	
Total Materials & Services							112.84	

Total listed costs for Field Operations and Materials and Services					429.52	
Interest on Operations Capital	$ 221.80	cash expense @	7.00%	for 6.0 mo.	7.76	
Total Operating and Use Related Ownership Costs					437.28	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Gravity (State)	$ 7,905	per acre @	3.00%	237.15	
Real Estate Taxes		$ 7,905	per acre @	1.25%	98.81	
Total Cost per Acre Including Overhead					806.24	
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*				54.75	
Cost of production per ton					122.16	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 14-Alfalfa, Roundup Ready®, Large Square Bales, 6.8 ton Yield
Gravity Irrigated, fed by canal, 14 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
2	Swath/Condition Hay	4		10.00	7.94	3.85	4.34	14.16	24.36	64.65	
3	Turn Windrows	1		2.08	0.69	0.80	0.23	2.95	0.62	7.37	
4	Double Windrows	4		5.50	1.67	0.13	1.60	10.49	10.79	30.18	
5	Bale Large Square	6.8		11.00	9.82	1.25	4.95	54.32	53.18	134.52	
6	Load Large Square	Custom									
7	Corrugate	1		3.92	2.48	0.45	2.20	19.34	12.28	40.67	
8	Ditch Irrigation	14	ai	19.44						19.44	
9	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
10	Spray Insecticide	0.2		0.19	0.06	0.00	0.22	0.32	0.40	1.19	
	Total for Field Operations			55.05	24.19	6.55	14.65	107.30	106.29	314.03	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
11-52-0	Fertilizer	1	100%	80	pound	0.40	32.00	
Twine Large Square	Other	5	100%	6.8	ton	1.84	12.48	
Load Large Square Bales	Custom	6	100%	6.8	ton	3.67	24.96	
Irrigation District O&M Charge	Other	8	100%	1	acre	40.00	40.00	
Raptor	Herbicide	9	100%	4	ounce	4.69	18.75	
Brox 2EC	Herbicide	9	100%	1	pint	6.63	6.63	
Roundup PowerMax 3	Herbicide	9	100%	32	ounce	0.20	6.25	
21-0-0-24S	Additive	9	100%	1.7	pound	0.40	0.68	
Mustang Maxx	Insecticide	10	20%	3	ounce	1.88	1.13	
	Crop Insurance					N/A	0.00	
Total Materials & Services							142.88	

Total listed costs for Field Operations and Materials and Services					456.91	
Interest on Operations Capital	$ 243.32	cash expense @	7.00%	for 6.0 mo.	8.52	
Total Operating and Use Related Ownership Costs					465.43	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Gravity (State)	$ 7,905	per acre @	3.00%	237.15	
Real Estate Taxes		$ 7,905	per acre @	1.25%	98.81	
Total Cost per Acre Including Overhead					834.39	
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*				56.42	
Cost of production per ton					122.70	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 15-Corn, Conventional Tillage, Continuous, 100 bushel Yield
Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Anhydrous Application	1		1.83	0.87	0.21	1.43	9.05	4.62	18.01	
3	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
4	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
5	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
6	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
7	Row Crop Cultivation	0.25		0.63	0.32	0.01	0.28	1.19	0.96	3.39	
8	Spray Herbicide	Custom									
9	Spray Insecticide	Custom									
10	Combine Dryland Corn (corn head)	100		2.12	3.20	3.39	0.42	15.56	6.35	31.05	
11	Cart	100	bu	0.83	0.36	0.02	0.54	1.59	1.09	4.43	
12	Truck	Custom									
13	Dry Grain	Custom									
	Total for Field Operations			16.21	12.60	4.27	15.18	60.49	34.47	143.23	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
82-0-0	Fertilizer	2	100%	85	lbs N	0.35	29.75	
Corn	Seed	4	100%	13.9	k seed	3.38	46.91	
Capture LFR	Insecticide	4	100%	6.6	ounce	3.13	20.63	
10-34-0	Fertilizer	4	100%	6	gallon	3.30	19.80	
Balance Flexx	Herbicide	5	100%	4	ounce	6.00	24.00	
Atrazine 90 DF	Herbicide	5	100%	1.6	pound	6.50	10.40	
Spray	Custom	8	50%	1	acre	9.00	4.50	
Armezon Pro	Herbicide	8	50%	14	ounce	1.48	10.39	
NIS	Additive	8	50%	6	ounce	0.20	0.61	
UAN	Additive	8	50%	2	pint	0.25	0.25	
Spray	Custom	9	20%	1	acre	9.00	1.80	
Brigade 2EC	Insecticide	9	10%	5.12	ounce	1.48	0.76	
Mustang Maxx	Insecticide	9	20%	2	ounce	1.88	0.75	
Haul Grain Bushels	Custom	12	100%	100	bushel	0.15	15.00	
Dry 2 Points Removed	Custom	13	10%	100	bushel	0.10	1.00	
Scouting Dryland Corn	Scouting		100%	1	acre	10.00	10.00	
	Crop Insurance					40.00	40.00	
Total Materials & Services							236.55	

Total listed costs for Field Operations and Materials and Services					379.78
Interest on Operations Capital $ 284.81	cash expense @		7.00%	for 6.0 mo.	9.97
Total Operating and Use Related Ownership Costs					389.75
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00
Real Estate Opportunity^ — Dryland (State)	$ 4,395	per acre @	3.00%		131.85
Real Estate Taxes	$ 4,395	per acre @	1.25%		54.94
Total Cost per Acre Including Overhead					601.54
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				3.75
Cost of production per bushel					6.02

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 16-Corn, Conventional Tillage, in Corn/Soybean Rotation, Conventional Seed (Non Bt), 110 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Anhydrous Application	1		1.83	0.87	0.21	1.43	9.05	4.62	18.01	
2	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
3	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
4	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
5	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
6	Row Crop Cultivation	0.25		0.63	0.32	0.01	0.28	1.19	0.96	3.39	
7	Spray Herbicide	Custom									
8	Spray Insecticide	Custom									
9	Combine Dryland Corn (corn head)	110		2.33	3.53	3.73	0.47	17.12	6.99	34.15	
10	Cart	110	bu	0.92	0.40	0.02	0.60	1.75	1.19	4.88	
11	Truck	Custom									
12	Dry Grain	Custom									
	Total for Field Operations			13.99	9.95	4.32	14.02	49.76	31.52	123.54	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
82-0-0	Fertilizer	1	100%	50	lbs N	0.35	17.50	
Corn	Seed	3	100%	15.3	k seed	3.38	51.64	
10-34-0	Fertilizer	3	100%	6	gallon	3.30	19.80	
Lumax EZ	Herbicide	4	100%	2.7	quart	18.75	50.63	
Spray	Custom	7	50%	1	acre	9.00	4.50	
Laudis	Herbicide	7	50%	3	ounce	5.66	8.50	
MSO	Additive	7	50%	19.2	ounce	0.23	2.25	
UAN	Additive	7	50%	2	pint	0.25	0.25	
Spray	Custom	8	20%	1	acre	9.00	1.80	
Brigade 2EC	Insecticide	8	10%	5.12	ounce	1.48	0.76	
Mustang Maxx	Insecticide	8	20%	2	ounce	1.88	0.75	
Haul Grain Bushels	Custom	11	100%	110	bushel	0.15	16.50	
Dry 2 Points Removed	Custom	12	10%	110	bushel	0.10	1.10	
Scouting Dryland Corn	Scouting		100%	1	acre	10.00	10.00	
	Crop Insurance					40.00	40.00	
Total Materials & Services							225.98	

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					349.52	
Interest on Operations Capital	$ 268.25	cash expense @	7.00%	for 6.0 mo.	9.39	
Total Operating and Use Related Ownership Costs					358.91	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00	
Real Estate Opportunity^	Dryland (State)	$ 4,395	per acre @	3.00%	131.85	
Real Estate Taxes		$ 4,395	per acre @	1.25%	54.94	
Total Cost per Acre Including Overhead					570.70	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				3.25	
Cost of production per bushel					5.19	

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2024 Budget 17-Corn, Eastern Nebraska, Conventional Tillage, Continuous, 160 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Anhydrous Application	1		1.83	0.87	0.21	1.43	9.05	4.62	18.01	
3	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
4	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
5	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
6	Spray Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
7	Spray Insecticide	Custom									
8	Combine Dryland Corn (corn head)	160		3.38	5.13	5.42	0.68	24.90	10.17	49.68	
9	Cart	160	bu	1.33	0.58	0.03	0.87	2.54	1.74	7.09	
10	Truck	Custom									
11	Dry Grain	Custom									
	Total for Field Operations			15.31	13.33	6.25	14.92	65.61	35.15	150.57	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
82-0-0	Fertilizer	2	100%	140	lbs N	0.35	49.00	
Corn	Seed	4	100%	22.2	k seed	3.38	74.93	
Capture LFR	Insecticide	4	100%	6.6	ounce	3.13	20.63	
10-34-0	Fertilizer	4	100%	6	gallon	3.30	19.80	
Acuron	Herbicide	5	100%	2.5	quart	21.25	53.13	
Status	Herbicide	6	50%	5	ounce	5.50	13.75	
NIS	Additive	6	50%	6	ounce	0.20	0.61	
UAN	Additive	6	50%	2	pint	0.25	0.25	
Spray	Custom	7	20%	1	acre	9.00	1.80	
Brigade 2EC	Insecticide	7	10%	5.12	ounce	1.48	0.76	
Mustang Maxx	Insecticide	7	20%	2	ounce	1.88	0.75	
Haul Grain Bushels	Custom	10	100%	160	bushel	0.15	24.00	
Dry 2 Points Removed	Custom	11	20%	160	bushel	0.10	3.20	
Scouting Dryland Corn	Scouting		100%	1	acre	10.00	10.00	
	Crop Insurance					10.00	10.00	
Total Materials & Services							282.61	

Total listed costs for Field Operations and Materials and Services					433.18	
Interest on Operations Capital	$ 332.42	cash expense @	7.00%	for 6.0 mo.	11.63	
Total Operating and Use Related Ownership Costs					444.81	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00	
Real Estate Opportunity^	Dryland (Eastern)	$ 8,365	per acre @	3.00%	250.95	
Real Estate Taxes		$ 8,365	per acre @	1.25%	104.56	
Total Cost per Acre Including Overhead					825.32	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				2.96	
Cost of production per bushel					5.16	

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2024 Budget 18-Corn, Eastern Nebraska, Conventional Tillage, in Corn/Soybean Rotation, 170 bushel Yield Dryland

						Repairs		Ownership^			
	Field Operations	**Times or Qty**	**Unit**	**Labor @ $25.00 /Hr**	**Fuel @ $3.45 and Lube**	**Power**	**Imp.**	**Power**	**Imp.**	**Total**	**Your Estimate**
1	Anhydrous Application	1		1.83	0.87	0.21	1.43	9.05	4.62	18.01	
2	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
3	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
4	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
5	Spray Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
6	Spray Insecticide	Custom									
7	Combine Dryland Corn (corn head)	170		3.60	5.45	5.76	0.72	26.46	10.80	52.78	
8	Cart	170	bu	1.42	0.61	0.03	0.93	2.70	1.85	7.54	
9	Truck	Custom									
10	Dry Grain	Custom									
	Total for Field Operations			13.10	10.66	6.30	13.75	54.88	32.20	130.88	

Materials & Services		**Operation Index**	**Percent Acres Applied**	**Application Rate**	**Unit**	**Applied Price**	**Total**	**Your Estimate**
82-0-0	Fertilizer	1	100%	105	lbs N	0.35	36.75	
Corn	Seed	3	100%	23.6	k seed	3.38	79.65	
10-34-0	Fertilizer	3	100%	6	gallon	3.30	19.80	
Acuron	Herbicide	4	100%	2.5	quart	21.25	53.13	
Armezon Pro	Herbicide	5	50%	14	ounce	1.48	10.39	
NIS	Additive	5	50%	6	ounce	0.20	0.61	
UAN	Additive	5	50%	2	pint	0.25	0.25	
Spray	Custom	6	20%	1	acre	9.00	1.80	
Brigade 2EC	Insecticide	6	10%	5.12	ounce	1.48	0.76	
Mustang Maxx	Insecticide	6	20%	2	ounce	1.88	0.75	
Haul Grain Bushels	Custom	9	100%	170	bushel	0.15	25.50	
Dry 2 Points Removed	Custom	10	20%	170	bushel	0.10	3.40	
Scouting Dryland Corn	Scouting		100%	1	acre	10.00	10.00	
	Crop Insurance					10.00	10.00	
Total Materials & Services							252.79	

Total listed costs for Field Operations and Materials and Services				383.67	
Interest on Operations Capital	$ 296.60	cash expense @	7.00% for 6.0 mo.	10.38	
Total Operating and Use Related Ownership Costs				394.05	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				25.00	
Real Estate Opportunity^	Dryland (Eastern)	$ 8,365 per acre @	3.00%	250.95	
Real Estate Taxes		$ 8,365 per acre @	1.25%	104.56	
Total Cost per Acre Including Overhead				774.56	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			2.57	
Cost of production per bushel				4.56	

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2024 Budget 19-Corn, Bt, ECB, RR2, LL, & RIB, No Till, Continuous, 135 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
2	Spray Fertilizer and Herbicide	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
5	Spray Insecticide	Custom									
6	Combine Dryland Corn (corn head)	135		2.86	4.33	4.58	0.57	21.01	8.58	41.92	
7	Cart	135	bu	1.13	0.49	0.03	0.74	2.15	1.47	6.01	
8	Truck	Custom									
9	Dry Grain	Custom									
	Total for Field Operations			9.36	6.96	4.72	9.83	32.37	27.24	90.47	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	50%	32	ounce	0.13	2.13	
	2,4-D Ester LV4	Herbicide	1	50%	1	pint	4.50	2.25	
	21-0-0-24S	Additive	1	50%	1.7	pound	0.40	0.34	
	32-0-0	Fertilizer	2	100%	115	lbs N	0.60	69.00	
	Acuron	Herbicide	2	100%	2.5	quart	21.25	53.13	
	Corn Bt, ECB, RW, RR2, LL, & RIE	Seed	3	100%	18.7	k seed	4.13	77.14	
	10-34-0-1Zn	Fertilizer	3	100%	6	gallon	3.40	20.40	
	Glyphosate 5# w/Surfactant	Herbicide	4	100%	32	ounce	0.13	4.25	
	21-0-0-24S	Additive	4	100%	1.7	pound	0.40	0.68	
	Laudis	Herbicide	4	80%	3	ounce	5.66	13.59	
	Spray	Custom	5	20%	1	acre	9.00	1.80	
*	Brigade 2EC	Insecticide	5	10%	5.12	ounce	1.48	0.76	
*	Mustang Maxx	Insecticide	5	20%	2	ounce	1.88	0.75	
	Haul Grain Bushels	Custom	8	100%	135	bushel	0.15	20.25	
	Dry 2 Points Removed	Custom	9	10%	135	bushel	0.10	1.35	
	Scouting Dryland Corn	Scouting		100%	1	acre	10.00	10.00	
		Crop Insurance					44.00	44.00	
	Total Materials & Services							321.82	

*Insecticide for Spider mites and Western Bean Cutworm respectively.

Total listed costs for Field Operations and Materials and Services				412.29	
Interest on Operations Capital $ 352.68	cash expense @	7.00%	for 6.0 mo.	12.34	
Total Operating and Use Related Ownership Costs				424.63	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				25.00	
Real Estate Opportunity^ — Dryland (State)	$ 4,395	per acre @	3.00%	131.85	
Real Estate Taxes	$ 4,395	per acre @	1.25%	54.94	
Total Cost per Acre Including Overhead				636.42	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			3.30	
Cost of production per bushel				4.71	

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2024 Budget 20-Corn, Bt, ECB, RR2, LL, & RIB, Eastern Nebraska, No Till, Continuous, 180 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
2	Spray Fertilizer and Herbicide	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
5	Spray Insecticide	Custom									
6	Combine Dryland Corn (corn head)	180		3.81	5.77	6.10	0.76	28.01	11.44	55.89	
7	Cart	180	bu	1.50	0.65	0.04	0.98	2.86	1.95	7.98	
8	Truck	Custom									
9	Dry Grain	Custom									
	Total for Field Operations			10.68	8.56	6.25	10.26	40.08	30.58	106.41	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
Glyphosate 5# w/Surfactant	Herbicide	1	50%	32	ounce	0.13	2.13	
2,4-D Ester LV4	Herbicide	1	50%	1	pint	4.50	2.25	
21-0-0-24S	Additive	1	50%	1.7	pound	0.40	0.34	
32-0-0	Fertilizer	2	100%	155	lbs N	0.60	93.00	
Acuron	Herbicide	2	100%	2.5	quart	21.25	53.13	
Corn Bt, ECB, RW, RR2, LL, & RIE	Seed	3	100%	25.0	k seed	4.13	103.13	
10-34-0-1Zn	Fertilizer	3	100%	6	gallon	3.40	20.40	
Glyphosate 5# w/Surfactant	Herbicide	4	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	4	100%	1.7	pound	0.40	0.68	
Status	Herbicide	4	80%	5	ounce	5.50	22.00	
Spray	Custom	5	20%	1	acre	9.00	1.80	
* Brigade 2EC	Insecticide	5	10%	5.12	ounce	1.48	0.76	
* Mustang Maxx	Insecticide	5	20%	2	ounce	1.88	0.75	
Haul Grain Bushels	Custom	8	100%	180	bushel	0.15	27.00	
Dry 2 Points Removed	Custom	9	20%	180	bushel	0.10	3.60	
Scouting Dryland Corn	Scouting		100%	1	acre	10.00	10.00	
	Crop Insurance					10.00	10.00	
Total Materials & Services							355.22	

*Insecticide for Spider mites and Western Bean Cutworm respectively.

Total listed costs for Field Operations and Materials and Services					461.63	
Interest on Operations Capital	$ 390.97	cash expense @	7.00%	for 6.0 mo.	13.68	
Total Operating and Use Related Ownership Costs					475.31	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00	
Real Estate Opportunity^	Dryland (Eastern)	$ 8,365	per acre @	3.00%	250.95	
Real Estate Taxes		$ 8,365	per acre @	1.25%	104.56	
Total Cost per Acre Including Overhead					855.82	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				2.97	
Cost of production per bushel					4.75	

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2024 Budget 21-Corn, SmartStax RIB Complete, No Till, Continuous, 140 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
2	Spray Fertilizer and Herbicide	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
5	Spray Insecticide	Custom									
6	Combine Dryland Corn (corn head)	140		2.96	4.49	4.74	0.59	21.79	8.89	43.47	
7	Cart	140	bu	1.17	0.50	0.03	0.76	2.22	1.52	6.20	
8	Truck	Custom									
9	Dry Grain	Custom									
	Total for Field Operations			9.50	7.13	4.88	9.87	33.22	27.60	92.21	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
Glyphosate 5# w/Surfactant	Herbicide	1	50%	32	ounce	0.13	2.13	
2,4-D Ester LV4	Herbicide	1	50%	1	pint	4.50	2.25	
21-0-0-24S	Additive	1	50%	1.7	pound	0.40	0.34	
32-0-0	Fertilizer	2	100%	120	lbs N	0.60	72.00	
Acuron	Herbicide	2	100%	2.5	quart	21.25	53.13	
Corn SmartStax RIB Complete	Seed	3	100%	19.4	k seed	4.25	82.45	
10-34-0	Fertilizer	3	100%	6	gallon	3.30	19.80	
Glyphosate 5# w/Surfactant	Herbicide	4	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	4	100%	1.7	pound	0.40	0.68	
Armezon Pro	Herbicide	4	80%	14	ounce	1.48	16.63	
Spray	Custom	5	20%	1	acre	9.00	1.80	
Brigade 2EC	Insecticide	5	10%	5.12	ounce	1.48	0.76	
Mustang Maxx	Insecticide	5	20%	3	ounce	1.88	1.13	
Haul Grain Bushels	Custom	8	100%	140	bushel	0.15	21.00	
Dry 2 Points Removed	Custom	9	10%	140	bushel	0.10	1.40	
Scouting Dryland Corn	Scouting		100%	1	acre	10.00	10.00	
	Crop Insurance					44.00	44.00	
Total Materials & Services							333.75	

							Total	Your Estimate
Total listed costs for Field Operations and Materials and Services							425.96	
Interest on Operations Capital	$	365.14	cash expense @	7.00%	for 6.0 mo.		12.78	
Total Operating and Use Related Ownership Costs							438.74	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)							25.00	
Real Estate Opportunity^	Dryland (State)	$	4,395	per acre @	3.00%		131.85	
Real Estate Taxes		$	4,395	per acre @	1.25%		54.94	
Total Cost per Acre Including Overhead							650.53	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*						3.27	
Cost of production per bushel							4.65	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 22-Corn, SmartStax RIB Complete, Eastern Nebraska, No Till, Continuous, 185 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
2	Spray Fertilizer and Herbicide	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
5	Spray Insecticide	Custom									
6	Combine Dryland Corn (corn head)	185		3.91	5.93	6.27	0.78	28.79	11.75	57.44	
7	Cart	185	bu	1.54	0.67	0.04	1.01	2.94	2.01	8.21	
8	Truck	Custom									
9	Dry Grain	Custom									
	Total for Field Operations			10.82	8.74	6.42	10.31	40.94	30.95	108.19	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
Glyphosate 5# w/Surfactant	Herbicide	1	50%	32	ounce	0.13	2.13	
2,4-D Ester LV4	Herbicide	1	50%	1	pint	4.50	2.25	
21-0-0-24S	Additive	1	50%	1.7	pound	0.40	0.34	
32-0-0	Fertilizer	2	100%	165	lbs N	0.60	99.00	
Acuron	Herbicide	2	100%	2.5	quart	21.25	53.13	
Corn SmartStax RIB Complete	Seed	3	100%	25.7	k seed	4.25	109.23	
10-34-0	Fertilizer	3	100%	6	gallon	3.30	19.80	
Glyphosate 5# w/Surfactant	Herbicide	4	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	4	100%	1.7	pound	0.40	0.68	
Laudis	Herbicide	4	80%	3	ounce	5.66	13.59	
Spray	Custom	5	20%	1	acre	9.00	1.80	
Brigade 2EC	Insecticide	5	10%	5.12	ounce	1.48	0.76	
Mustang Maxx	Insecticide	5	20%	3	ounce	1.88	1.13	
Haul Grain Bushels	Custom	8	100%	185	bushel	0.15	27.75	
Dry 2 Points Removed	Custom	9	20%	185	bushel	0.10	3.70	
Scouting Dryland Corn	Scouting		100%	1	acre	10.00	10.00	
	Crop Insurance					10.00	10.00	
Total Materials & Services							359.54	

Total listed costs for Field Operations and Materials and Services				467.73	
Interest on Operations Capital	$ 395.84	cash expense @	7.00% for 6.0 mo.	13.85	
Total Operating and Use Related Ownership Costs				481.58	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				25.00	
Real Estate Opportunity^	Dryland (Eastern) $ 8,365	per acre @	3.00%	250.95	
Real Estate Taxes	$ 8,365	per acre @	1.25%	104.56	
Total Cost per Acre Including Overhead				862.09	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			2.91	
Cost of production per bushel				4.66	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 23-Corn, RR, Bt, ECB, & RIB, No Till, after Beans, 145 bushel Yield
Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
2	Spray Fertilizer	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
5	Spray Herbicide	0.8		0.76	0.25	0.02	0.89	1.27	1.61	4.80	
6	Spray Insecticide	Custom									
7	Combine Dryland Corn (corn head)	145		3.07	4.65	4.91	0.62	22.57	9.21	45.02	
8	Cart	145	bu	1.21	0.52	0.03	0.79	2.30	1.57	6.42	
9	Truck	Custom									
10	Dry Grain	Custom									
	Total for Field Operations			10.41	7.56	5.07	10.82	35.35	29.58	98.78	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
Glyphosate 5# w/Surfactant	Herbicide	1	50%	32	ounce	0.13	2.13	
2,4-D Ester LV4	Herbicide	1	50%	1.0	pint	4.50	2.25	
21-0-0-24S	Additive	1	50%	1.7	pound	0.40	0.34	
32-0-0	Fertilizer	2	100%	80	lbs N	0.60	48.00	
Corn Bt, ECB, & RIB	Seed	3	100%	20.1	k seed	3.75	75.38	
10-34-0	Fertilizer	3	100%	6	gallon	3.30	19.80	
Acuron	Herbicide	4	100%	2.5	quart	21.25	53.13	
Crop Oil Concentrate	Additive	4	100%	1.6	pint	1.63	2.60	
21-0-0-24S	Additive	4	100%	2.5	pound	0.40	1.00	
Status	Herbicide	5	80%	5	ounce	5.50	22.00	
Roundup PowerMax 3	Herbicide	5	80%	32	ounce	0.20	5.00	
Crop Oil Concentrate	Additive	5	80%	1	pint	1.63	1.30	
UAN	Additive	5	80%	3	pint	0.25	0.60	
Spray	Custom	6	20%	1	acre	9.00	1.80	
* Brigade 2EC	Insecticide	6	10%	5.12	ounce	1.48	0.76	
* Mustang Maxx	Insecticide	6	20%	3	ounce	1.88	1.13	
Haul Grain Bushels	Custom	9	100%	145	bushel	0.15	21.75	
Dry 2 Points Removed	Custom	10	20%	145	bushel	0.10	2.90	
Scouting Dryland Corn	Scouting		100%	1	acre	10.00	10.00	
	Crop Insurance					46.00	46.00	
Total Materials & Services							317.87	

*Insecticide for Spider mites and Western Bean Cutworm respectively.

Total listed costs for Field Operations and Materials and Services				416.65	
Interest on Operations Capital	$ 351.72	cash expense @	7.00% for 6.0 mo.	12.31	
Total Operating and Use Related Ownership Costs				428.96	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				25.00	
Real Estate Opportunity^	Dryland (State)	$ 4,395	per acre @ 3.00%	131.85	
Real Estate Taxes		$ 4,395	per acre @ 1.25%	54.94	
Total Cost per Acre Including Overhead				640.75	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			3.06	
Cost of production per bushel				4.42	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 24-Corn, Bt, ECB, & RIB, Eastern Nebraska, No Till, after Beans, 195 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
2	Spray Fertilizer	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
5	Spray Herbicide	0.8		0.76	0.25	0.02	0.89	1.27	1.61	4.80	
6	Spray Insecticide	Custom									
7	Combine Dryland Corn (corn head)	195		4.13	6.25	6.61	0.83	30.35	12.39	60.55	
8	Cart	195	bu	1.63	0.70	0.04	1.06	3.10	2.12	8.65	
9	Truck	Custom									
10	Dry Grain	Custom									
	Total for Field Operations			11.89	9.34	6.78	11.30	43.93	33.31	116.54	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	50%	32	ounce	0.13	2.13	
	2,4-D Ester LV4	Herbicide	1	50%	1.0	pint	4.50	2.25	
	21-0-0-24S	Additive	1	50%	1.7	pound	0.40	0.34	
	32-0-0	Fertilizer	2	100%	125	lbs N	0.60	75.00	
	Corn Bt, ECB, & RIB	Seed	3	100%	27.1	k seed	3.75	101.63	
	10-34-0	Fertilizer	3	100%	6	gallon	3.30	19.80	
	Acuron	Herbicide	4	100%	2.5	quart	21.25	53.13	
	Crop Oil Concentrate	Additive	4	100%	1.6	pint	1.63	2.60	
	21-0-0-24S	Additive	4	100%	2.5	pound	0.40	1.00	
	Armezon Pro	Herbicide	5	80%	14	ounce	1.48	16.63	
	Atrazine 90 DF	Herbicide	5	80%	0.5	pound	6.50	2.60	
	Crop Oil Concentrate	Additive	5	80%	1	pint	1.63	1.30	
	UAN	Additive	5	80%	3	pint	0.25	0.60	
	Spray	Custom	6	20%	1	acre	9.00	1.80	
*	Brigade 2EC	Insecticide	6	10%	5.12	ounce	1.48	0.76	
*	Mustang Maxx	Insecticide	6	20%	3	ounce	1.88	1.13	
	Haul Grain Bushels	Custom	9	100%	195	bushel	0.15	29.25	
	Dry 2 Points Removed	Custom	10	20%	195	bushel	0.10	3.90	
	Scouting Dryland Corn	Scouting		100%	1	acre	10.00	10.00	
		Crop Insurance					11.00	11.00	
	Total Materials & Services							336.85	

*Insecticide for Spider mites and Western Bean Cutworm respectively.

Total listed costs for Field Operations and Materials and Services					453.39	
Interest on Operations Capital	$ 376.15	cash expense @	7.00%	for 6.0 mo.	13.17	
Total Operating and Use Related Ownership Costs					466.56	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00	
Real Estate Opportunity^	Dryland (Eastern)	$ 8,365	per acre @	3.00%	250.95	
Real Estate Taxes		$ 8,365	per acre @	1.25%	104.56	
Total Cost per Acre Including Overhead					847.07	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				2.66	
Cost of production per bushel					4.34	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 25-Corn, Bt, ECB, RR2, LL, & RIB, Southwest, Ecofallow, Follows Wheat, Two Crops in Three Years, 130 bushel Yield
Dryland

						Repairs		Ownership^			
	Field Operations	**Times or Qty**	**Unit**	**Labor @ $25.00 /Hr**	**Fuel @ $3.45 and Lube**	**Power**	**Imp.**	**Power**	**Imp.**	**Total**	**Your Estimate**
1	Spray (Prior Year Stubble)	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Spray (Prior Year Stubble)	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
3	Spray Fertilizer and Herbicide	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
4	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
5	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
6	Spray Insecticide	Custom									
7	Combine Dryland Corn (corn head)	130		2.75	4.17	4.41	0.55	20.23	8.26	40.36	
8	Cart	130	bu	1.08	0.47	0.03	0.71	2.07	1.41	5.77	
9	Truck	Custom									
10	Dry Grain	Custom									
	Total for Field Operations			10.63	7.00	4.58	11.45	33.90	29.89	97.44	

Materials & Services		**Operation Index**	**Percent Acres Applied**	**Application Rate**	**Unit**	**Applied Price**	**Total**	**Your Estimate**
Glyphosate 5# w/Surfactant	Herbicide	1	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	1	100%	1.7	pound	0.40	0.68	
Rugged	Herbicide	1	100%	1	quart	11.00	11.00	
AAtrex 4L	Herbicide	2	100%	1.5	quart	6.00	9.00	
Glyphosate 5# w/Surfactant	Herbicide	2	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	2	100%	1.7	pound	0.40	0.68	
32-0-0	Fertilizer	3	100%	125	lbs N	0.60	75.00	
AAtrex 4L	Herbicide	3	100%	0.5	quart	6.00	3.00	
Balance Flexx	Herbicide	3	100%	4	ounce	6.00	24.00	
10-34-0	Fertilizer	4	100%	6	gallon	3.30	19.80	
Corn Bt, ECB, RR2, LL, & RIB	Seed	4	100%	18.0	k seed	3.75	67.50	
Glyphosate 5# w/Surfactant	Herbicide	5	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	5	100%	1.7	pound	0.40	0.68	
Laudis	Herbicide	5	80%	3	ounce	5.66	13.59	
Spray	Custom	6	20%	1	acre	9.00	1.80	
* Brigade 2EC	Insecticide	6	10%	5.12	ounce	1.48	0.76	
* Mustang Maxx	Insecticide	6	20%	3	ounce	1.88	1.13	
Haul Grain Bushels	Custom	9	100%	130	bushel	0.15	19.50	
Dry 2 Points Removed	Custom	10	10%	130	bushel	0.10	1.30	
Scouting Dryland Corn	Scouting		100%	1	acre	10.00	10.00	
	Crop Insurance					40.00	40.00	
Total Materials & Services							312.17	

*Insecticide for Spider mites and Western Bean Cutworm respectively.

Total listed costs for Field Operations and Materials and Services					409.61	
Interest on Operations Capital	$ 345.82	cash expense @	7.00%	for 6.0 mo.	12.10	
Total Operating and Use Related Ownership Costs					421.71	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00	
Real Estate Opportunity^	Dryland (Southwest)	$ 1,720	per acre @	3.00%	51.60	
Real Estate Taxes		$ 1,720	per acre @	1.25%	21.50	
Total Cost per Acre Including Overhead					519.81	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				3.11	
Cost of production per bushel					4.00	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 26-Corn, Bt, ECB, RW, & RIB, Ridge Till, Continuous, 245 bushel Yield
Gravity Irrigated Diesel, fed by a well, 18 acre/inches

						Repairs		Ownership^			
	Field Operations	**Times or Qty**	**Unit**	**Labor @ $25.00 /Hr**	**Fuel @ $3.45 and Lube**	**Power**	**Imp.**	**Power**	**Imp.**	**Total**	**Your Estimate**
1	Spray Burndown Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
2	Anhydrous Application	1		1.83	0.87	0.21	1.43	9.05	4.62	18.01	
3	Ridge Plant and Band Herbicide	1		3.00	1.35	0.31	6.87	13.58	4.25	29.36	
4	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
5	Ridge Cultivate/Ditch	1		2.75	2.12	0.31	1.87	13.58	5.18	25.81	
6	Spray Herbicide	Custom									
7	Spray Insecticide	Custom									
8	Spray Fungicide	Custom									
9	Pipe D 125' Lift	18	ai	41.67	96.17	5.64	2.52	12.65	4.09	162.74	
10	Combine Irr Corn (corn head)	220		4.88	7.39	7.82	1.77	35.90	12.26	70.01	
11	Cart	245	bu	2.04	0.88	0.05	1.33	3.89	2.66	10.85	
12	Truck	Custom									
13	Dry Grain	Custom									
14	Chop Stalks	1		2.23	1.84	0.05	0.67	4.25	3.04	12.08	
	Total for Field Operations			61.37	112.04	14.46	18.13	98.46	40.95	345.40	

	Materials & Services		**Operation Index**	**Percent Acres Applied**	**Application Rate**	**Unit**	**Applied Price**	**Total**	**Your Estimate**
	2,4-D Ester LV4	Herbicide	1	50%	1	pint	4.50	2.25	
	Glyphosate 5# w/Surfactant	Herbicide	1	50%	32	ounce	0.13	2.13	
	21-0-0-24S	Additive	1	50%	1.7	pound	0.40	0.34	
	82-0-0	Fertilizer	2	100%	215	lbs N	0.35	75.25	
	Corn Bt, ECB, RW, & RIB	Seed	3	100%	34.0	k seed	4.13	140.25	
	10-34-0	Fertilizer	3	100%	6	gallon	3.30	19.80	
	Bicep II Magnum	Herbicide	3	40%	1.8	quart	17.50	12.60	
	Spray	Custom	6	50%	1	acre	9.00	4.50	
	Laudis	Herbicide	6	50%	3	ounce	5.66	8.50	
	Atrazine 90 DF	Herbicide	6	50%	0.5	pound	6.50	1.63	
	Crop Oil Concentrate	Additive	6	50%	1	pint	1.63	0.81	
	UAN	Additive	6	50%	3	pint	0.25	0.38	
*	Spray	Custom	7	20%	1	acre	9.00	1.80	
*	Brigade 2EC	Insecticide	7	10%	5.12	ounce	1.48	0.76	
	Mustang Maxx	Insecticide	7	20%	3	ounce	1.88	1.13	
	Spray	Custom	8	20%	1	acre	9.00	1.80	
	Miravis Neo	Fungicide	8	20%	10	ounce	2.03	4.06	
	Haul Grain Bushels	Custom	12	100%	245	bushel	0.15	36.75	
	Dry 2 Points Removed	Custom	13	20%	245	bushel	0.10	4.90	
	Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
		Crop Insurance					14.00	14.00	
	Total Materials & Services							346.64	

*Insecticide for Spider mites and Western Bean Cutworm respectively.

Total listed costs for Field Operations and Materials and Services				692.04	
Interest on Operations Capital $ 552.64	cash expense @	7.00%	for 6.0 mo.	19.34	
Total Operating and Use Related Ownership Costs				711.38	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^ — Gravity (State)	$ 7,905	per acre @	3.00%	237.15	
Real Estate Taxes	$ 7,905	per acre @	1.25%	98.81	
Total Cost per Acre Including Overhead				1,080.34	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			2.87	
Cost of production per bushel				4.41	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 27-Corn, Bt, ECB, & RIB, Ridge Till, after Beans, 255 bushel Yield
Gravity Irrigated Diesel, fed by a well, 18 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
2	Anhydrous Application	1		1.83	0.87	0.21	1.43	9.05	4.62	18.01	
3	Ridge Plant and Band Herbicide	1		3.00	1.35	0.31	6.87	13.58	4.25	29.36	
4	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
5	Ridge Cultivate/Ditch	1		2.75	2.12	0.31	1.87	13.58	5.18	25.81	
6	Spray Herbicide	Custom									
7	Spray Insecticide	Custom									
8	Spray Fungicide	Custom									
9	Pipe D 125' Lift	18	ai	41.67	96.17	5.64	2.52	12.65	4.09	162.74	
10	Combine Irr Corn (corn head)	225		4.99	7.56	7.99	1.81	36.71	12.54	71.60	
11	Cart	255	bu	2.13	0.92	0.05	1.39	4.05	2.77	11.31	
12	Truck	Custom									
13	Dry Grain	Custom									
	Total for Field Operations			59.34	110.41	14.58	17.56	95.18	38.30	335.37	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
2,4-D Ester LV4	Herbicide	1	50%	1	pint	4.50	2.25	
Glyphosate 5# w/Surfactant	Herbicide	1	50%	32	ounce	0.13	2.13	
21-0-0-24S	Additive	1	50%	1.7	pound	0.40	0.34	
82-0-0	Fertilizer	2	100%	180	lbs N	0.35	63.00	
Corn Bt, ECB, & RIB	Seed	3	100%	35.4	k seed	3.75	132.75	
10-34-0	Fertilizer	3	100%	6	gallon	3.30	19.80	
Bicep II Magnum	Herbicide	3	40%	1.8	quart	17.50	12.60	
Spray	Custom	6	50%	1	acre	9.00	4.50	
Laudis	Herbicide	6	50%	3	ounce	5.66	8.50	
Atrazine 90 DF	Herbicide	6	50%	0.5	pound	6.50	1.63	
Crop Oil Concentrate	Additive	6	50%	1	pint	1.63	0.81	
UAN	Additive	6	50%	3	pint	0.25	0.38	
* Spray	Custom	7	20%	1	acre	9.00	1.80	
* Brigade 2EC	Insecticide	7	10%	5.12	ounce	1.48	0.76	
* Mustang Maxx	Insecticide	7	20%	3	ounce	1.88	1.13	
Spray	Custom	8	20%	1	acre	9.00	1.80	
Revytek	Fungicide	8	20%	8	ounce	3.67	5.88	
Haul Grain Bushels	Custom	12	100%	255	bushel	0.15	38.25	
Dry 2 Points Removed	Custom	13	20%	255	bushel	0.10	5.10	
Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
	Crop Insurance					14.00	14.00	
Total Materials & Services							330.41	

*Insecticide for Spider mites and Western Bean Cutworm respectively.

Total listed costs for Field Operations and Materials and Services				665.78	
Interest on Operations Capital	$ 532.30	cash expense @	7.00% for 6.0 mo.	18.63	
Total Operating and Use Related Ownership Costs				684.41	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^ Gravity (State)	$ 7,905	per acre @	3.00%	237.15	
Real Estate Taxes	$ 7,905	per acre @	1.25%	98.81	
Total Cost per Acre Including Overhead				1,053.37	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			2.68	
Cost of production per bushel				4.13	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 28-Corn, SmartStax RIB Complete, Ridge Till, Continuous, 250 bushel Yield
Gravity Irrigated Diesel, fed by a well, 18 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
2	Anhydrous Application	1		1.83	0.87	0.21	1.43	9.05	4.62	18.01	
3	Ridge Plant and Band Herbicide	1		3.00	1.35	0.31	6.87	13.58	4.25	29.36	
4	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
5	Ridge Cultivate/Ditch	1		2.75	2.12	0.31	1.87	13.58	5.18	25.81	
6	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
7	Spray Insecticide	Custom									
8	Spray Fungicide	Custom									
9	Pipe D 125' Lift	18	ai	41.67	96.17	5.64	2.52	12.65	4.09	162.74	
10	Combine Irr Corn (corn head)	225		4.99	7.56	7.99	1.81	36.71	12.54	71.60	
11	Cart	250	bu	2.08	0.90	0.05	1.36	3.97	2.71	11.07	
12	Truck	Custom									
13	Dry Grain	Custom									
14	Chop Stalks	1		2.23	1.84	0.05	0.67	4.25	3.04	12.08	
	Total for Field Operations			62.47	112.55	14.65	19.31	100.94	43.30	353.22	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
2,4-D Ester LV4	Herbicide	1	50%	1	pint	4.50	2.25	
Glyphosate 5# w/Surfactant	Herbicide	1	50%	32	ounce	0.13	2.13	
21-0-0-24S	Additive	1	50%	1.7	pound	0.40	0.34	
82-0-0	Fertilizer	2	100%	220	lbs N	0.35	77.00	
Corn SmartStax RIB Complete	Seed	3	100%	34.7	k seed	4.25	147.48	
10-34-0	Fertilizer	3	100%	6	gallon	3.30	19.80	
Bicep II Magnum	Herbicide	3	40%	1.8	quart	17.50	12.60	
Glyphosate 5# w/Surfactant	Herbicide	6	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	6	100%	1.7	pound	0.40	0.68	
Status	Herbicide	6	50%	5	ounce	5.50	13.75	
Spray	Custom	7	20%	1	acre	9.00	1.80	
Brigade 2EC	Insecticide	7	10%	5.12	ounce	1.48	0.76	
Mustang Maxx	Insecticide	7	20%	3	ounce	1.88	1.13	
Spray	Custom	8	20%	1	acre	9.00	1.80	
Delaro Complete	Fungicide	8	20%	8	ounce	4.14	6.63	
Haul Grain Bushels	Custom	12	100%	250	bushel	0.15	37.50	
Dry 2 Points Removed	Custom	13	10%	250	bushel	0.10	2.50	
Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
	Crop Insurance					14.00	14.00	
Total Materials & Services							359.40	

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					712.62	
Interest on Operations Capital	$ 568.38	cash expense @	7.00%	for 6.0 mo.	19.89	
Total Operating and Use Related Ownership Costs					732.51	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Gravity (State)	$ 7,905	per acre @	3.00%	237.15	
Real Estate Taxes		$ 7,905	per acre @	1.25%	98.81	
Total Cost per Acre Including Overhead					1,101.47	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				2.88	
Cost of production per bushel					4.41	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 29-Corn, SmartStax RIB Complete, Panhandle, Conventional Tillage, Continuous, 175 bushel Yield
Gravity Irrigated, fed by canal, 15 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
3	Spray Fertilizer and Herbicide	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
4	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
5	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
6	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
7	Ridge Cultivate/Ditch	1		2.75	2.12	0.31	1.87	13.58	5.18	25.81	
8	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
9	Spray Insecticide	Custom									
10	Spray Fungicide	Custom									
11	Ditch Irrigation	15	ai	20.83	0.00	5.88	0.00	13.18	0.00	39.89	
12	Combine Irr Corn (corn head)	175		3.88	5.88	6.22	1.41	28.55	9.75	55.69	
13	Cart	175	bu	1.46	0.63	0.03	0.95	2.78	1.90	7.75	
14	Truck	Custom									
15	Dry Grain	Custom									
16	Chop Stalks	1		2.23	1.84	0.05	0.67	4.25	3.04	12.08	
	Total for Field Operations			44.87	19.85	13.20	17.71	101.16	49.00	245.79	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
32-0-0	Fertilizer	3	100%	80	lbs N	0.60	48.00	
Balance Flexx	Herbicide	3	100%	4	ounce	6.00	24.00	
Bicep II Magnum	Herbicide	3	100%	2.1	quart	17.50	36.75	
10-34-0	Fertilizer	4	100%	8	gallon	3.30	26.40	
Corn SmartStax RIB Complete	Seed	4	100%	27.2	k seed	4.25	115.60	
32-0-0	Fertilizer	5	100%	80	lbs N	0.60	48.00	
Roundup PowerMax 3	Herbicide	8	100%	28	ounce	0.20	5.47	
21-0-0-24S	Additive	8	100%	1.7	pounds	0.40	0.68	
Status	Herbicide	8	50%	5	ounce	5.50	13.75	
Spray	Custom	9	20%	1	acre	9.00	1.80	
Brigade 2EC	Insecticide	9	10%	5.12	ounce	1.48	0.76	
Mustang Maxx	Insecticide	9	20%	3	ounce	1.88	1.13	
Spray	Custom	10	20%	1	acre	9.00	1.80	
Lucento	Fungicide	10	20%	3	ounce	5.08	3.05	
Haul Grain Bushels	Custom	14	100%	175	bushel	0.15	26.25	
Dry 2 Points Removed	Custom	15	10%	175	bushel	0.10	1.75	
Irrigation District O&M Charge	Other	11	100%	1	acre	40.00	40.00	
Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
	Crop Insurance					23.00	23.00	
Total Materials & Services							431.19	

Total listed costs for Field Operations and Materials and Services				676.98	
Interest on Operations Capital $ 526.81	cash expense @	7.00%	for 6.0 mo.	18.44	
Total Operating and Use Related Ownership Costs				695.42	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^ Gravity (Panhandle)	$ 3,545	per acre @	3.00%	106.35	
Real Estate Taxes	$ 3,545	per acre @	1.25%	44.31	
Total Cost per Acre Including Overhead				879.08	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			3.56	
Cost of production per bushel				5.02	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 30-Corn, Bt, ECB, RW, & RIB, No Till, Continuous, 245 bushel Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 9 acre/inches

						Repairs		Ownership^			
	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Power	Imp.	Power	Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
2	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Pivot E 125' Lift w/fertigation	9	ai	10.42	26.28	4.01	8.00	5.00	14.24	67.95	
5	Spray Herbicide	0.8		0.76	0.25	0.02	0.89	1.27	1.61	4.80	
6	Spray Insecticide	Custom									
7	Spray Fungicide	Custom									
8	Combine Irr Corn (corn head)	220		4.88	7.39	7.82	1.77	35.90	12.26	70.01	
9	Cart	245	bu	2.04	0.88	0.05	1.33	3.89	2.66	10.85	
10	Truck	Custom									
11	Dry Grain	Custom									
	Total for Field Operations			22.52	36.62	11.99	20.21	53.68	42.92	187.93	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
2,4-D Ester LV4	Herbicide	1	50%	1	pint	4.50	2.25	
Glyphosate 5# w/Surfactant	Herbicide	1	50%	32	ounce	0.13	2.13	
21-0-0-24S	Additive	1	50%	1.7	pound	0.40	0.34	
Acuron	Herbicide	2	100%	2.5	quart	21.25	53.13	
Corn Bt, ECB, RW, & RIB	Seed	3	100%	34.0	k seed	4.13	140.25	
10-34-0	Fertilizer	3	100%	6	gallon	3.30	19.80	
32-0-0 (Applied by R2)	Fertilizer	4	100%	215	lbs N	0.60	129.00	
Electricity Fixed	Other	4	100%	1	acre	45.00	45.00	
Status	Herbicide	5	80%	5	ounce	5.50	22.00	
Atrazine 90 DF	Herbicide	5	80%	1	pound	6.50	5.20	
Crop Oil Concentrate	Additive	5	80%	1	pint	1.63	1.30	
UAN	Additive	5	80%	3	pint	0.25	0.60	
Spray	Custom	6	20%	1	acre	9.00	1.80	
* Brigade 2EC	Insecticide	6	10%	5.12	ounce	1.48	0.76	
* Mustang Maxx	Insecticide	6	20%	3	ounce	1.88	1.13	
Spray	Custom	7	30%	1	acre	9.00	2.70	
Miravis Neo	Fungicide	7	30%	10	ounce	2.03	6.09	
Haul Grain Bushels	Custom	10	100%	245	bushel	0.15	36.75	
Dry 2 Points Removed	Custom	11	20%	245	bushel	0.10	4.90	
Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
	Crop Insurance					14.00	14.00	
Total Materials & Services							502.13	

*Insecticide for Spider mites and Western Bean Cutworm respectively.

Total listed costs for Field Operations and Materials and Services				690.06	
Interest on Operations Capital	$ 593.47	cash expense @	7.00% for 6.0 mo.	20.77	
Total Operating and Use Related Ownership Costs				710.83	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^	Pivot (State) $ 8,760	per acre @	3.00%	262.80	
Real Estate Taxes	$ 8,760	per acre @	1.25%	109.50	
Total Cost per Acre Including Overhead				1,116.13	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			3.09	
Cost of production per bushel				4.56	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 31-Corn, SmartStax RIB Complete, No Till, Continuous, 250 bushel Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 9 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $1.50 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
2	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Spray Herbicide	0.8		0.76	0.25	0.02	0.89	1.27	1.61	4.80	
5	Spray Insecticide	Custom									
6	Spray Fungicide	Custom									
7	Pivot E 125' Lift w/fertigation	9	ai	10.42	26.28	4.01	8.00	5.00	14.24	67.95	
8	Combine Irr Corn (corn head)	220		4.88	7.39	7.82	1.77	35.90	12.26	70.01	
9	Cart	250	bu	2.08	0.90	0.05	1.36	3.97	2.71	11.07	
10	Truck	Custom									
11	Dry Grain	Custom									
	Total for Field Operations			22.56	36.64	11.99	20.24	53.76	42.97	188.15	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
2,4-D Ester LV4	Herbicide	1	50%	1	pint	4.50	2.25	
Glyphosate 5# w/Surfactant	Herbicide	1	50%	32	ounce	0.13	2.13	
21-0-0-24S	Additive	1	50%	1.7	pound	0.40	0.34	
Acuron	Herbicide	2	100%	2.5	quart	21.25	53.13	
Corn SmartStax RIB Complete	Seed	3	100%	34.7	k seed	4.25	147.48	
10-34-0	Fertilizer	3	100%	6	gallon	3.30	19.80	
32-0-0 (Applied by R2)	Fertilizer	7	100%	220	lbs N	0.60	132.00	
Glyphosate 5# w/Surfactant	Herbicide	4	80%	32	ounce	0.13	3.40	
21-0-0-24S	Additive	4	80%	1.7	pound	0.40	0.54	
Armezon Pro	Herbicide	4	80%	14	ounce	1.48	16.63	
Spray	Custom	5	20%	1	acre	9.00	1.80	
Brigade 2EC	Insecticide	5	20%	5.12	ounce	1.48	1.52	
Mustang Maxx	Insecticide	5	20%	3	ounce	1.88	1.13	
Spray	Custom	6	30%	1	acre	9.00	2.70	
Revytek	Fungicide	6	30%	8	ounce	3.67	8.81	
Electricity Fixed	Other	7	100%	1	acre	45.00	45.00	
Haul Grain Bushels	Custom	10	100%	250	bushel	0.15	37.50	
Dry 2 Points Removed	Custom	11	10%	250	bushel	0.10	2.50	
Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
	Crop Insurance					14.00	14.00	
Total Materials & Services							505.66	

Total listed costs for Field Operations and Materials and Services				693.81	
Interest on Operations Capital	$ 597.09	cash expense @	7.00% for 6.0 mo.	20.90	
Total Operating and Use Related Ownership Costs				714.71	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^	Pivot (State)	$ 8,760 per acre @	3.00%	262.80	
Real Estate Taxes		$ 8,760 per acre @	1.25%	109.50	
Total Cost per Acre Including Overhead				1,120.01	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			3.04	
Cost of production per bushel				4.48	

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2024 Budget 32-Corn, SmartStax RIB Complete, Strip Till, Continuous, 260 bushel Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 9 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $1.50 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Subsoil / One-pass Tillage	1		2.78	3.64	0.35	4.10	15.09	5.80	31.76	
2	Spray Burndown Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
5	Spray Herbicide	0.8		0.76	0.25	0.02	0.89	1.27	1.61	4.80	
6	Spray Insecticide	Custom									
7	Spray Fungicide	Custom									
8	Pivot E 125' Lift w/fertigation	9	ai	10.42	26.28	4.01	8.00	5.00	14.24	67.95	
9	Combine Irr Corn (corn head)	230		5.10	7.73	8.17	1.85	37.53	12.82	73.19	
10	Cart	260	bu	2.17	0.94	0.05	1.42	4.13	2.82	11.53	
11	Truck	Custom									
12	Dry Grain	Custom									
	Total for Field Operations			22.87	37.02	12.34	20.38	55.55	43.64	223.55	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
2,4-D Ester LV4	Herbicide	2	50%	1	pint	4.50	2.25	
Glyphosate 5# w/Surfactant	Herbicide	2	50%	32	ounce	0.13	2.13	
21-0-0-24S	Additive	2	50%	1.7	pound	0.40	0.34	
Acuron	Herbicide	3	100%	2.5	quart	21.25	53.13	
Corn SmartStax RIB Complete	Seed	4	100%	34.7	k seed	4.25	147.48	
10-34-0	Fertilizer	4	100%	6	gallon	3.30	19.80	
32-0-0 (Applied by R2)	Fertilizer	8	100%	230	lbs N	0.60	138.00	
Glyphosate 5# w/Surfactant	Herbicide	5	80%	32	ounce	0.13	3.40	
21-0-0-24S	Additive	5	80%	1.7	pound	0.40	0.54	
Armezon Pro	Herbicide	5	80%	14	ounce	1.48	16.63	
Spray	Custom	6	20%	1	acre	9.00	1.80	
Brigade 2EC	Insecticide	6	10%	5.12	ounce	1.48	0.76	
Mustang Maxx	Insecticide	6	20%	3	ounce	1.88	1.13	
Spray	Custom	7	30%	1	acre	9.00	2.70	
Revytek	Fungicide	7	30%	8	ounce	3.67	8.81	
Electricity Fixed	Other	8	100%	1	acre	45.00	45.00	
Haul Grain Bushels	Custom	11	100%	260	bushel	0.15	39.00	
Dry 2 Points Removed	Custom	12	10%	260	bushel	0.10	2.60	
Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
	Crop Insurance					14.00	14.00	
Total Materials & Services							512.50	

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					736.05	
Interest on Operations Capital	$ 605.11	cash expense @	7.00%	for 6.0 mo.	21.18	
Total Operating and Use Related Ownership Costs					757.23	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Pivot (State)	$ 8,760	per acre @	3.00%	262.80	
Real Estate Taxes		$ 8,760	per acre @	1.25%	109.50	
Total Cost per Acre Including Overhead					1,162.53	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				2.96	
Cost of production per bushel					4.47	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 33-Corn, Bt, ECB, & RIB, No Till, after Beans, 275 bushel Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 9 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
2	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Pivot E 125' Lift w/fertigation	9	ai	10.42	26.28	4.01	8.00	5.00	14.24	67.95	
5	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
6	Spray Insecticide	Custom									
7	Spray Fungicide	Custom									
8	Combine Irr Corn (corn head)	240		5.32	8.06	8.53	1.93	39.16	13.37	76.38	
9	Cart	275	bu	2.29	0.99	0.05	1.50	4.37	2.99	12.19	
10	Truck	Custom									
11	Dry Grain	Custom									
	Total for Field Operations			23.40	37.47	12.70	20.76	57.74	44.77	196.85	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	100%	32	ounce	0.13	4.25	
	2,4-D Ester LV4	Herbicide	1	100%	1	pint	4.50	4.50	
	21-0-0-24S	Additive	1	100%	1.7	pound	0.40	0.68	
	Acuron	Herbicide	2	100%	2.5	quart	21.25	53.13	
	Crop Oil Concentrate	Additive	2	100%	1.6	pint	1.63	2.60	
	21-0-0-24S	Additive	2	100%	2.5	pound	0.40	1.00	
	Corn Bt, ECB, & RIB	Seed	3	100%	38.2	k seed	3.75	143.25	
	10-34-0	Fertilizer	3	100%	6.0	gallon	3.30	19.80	
	32-0-0 (Applied by R2)	Fertilizer	4	100%	200.0	lbs N	0.60	120.00	
	Electricity Fixed	Other	4	100%	1.0	acre	45.00	45.00	
	Armezon Pro	Herbicide	5	100%	14	ounce	1.48	20.78	
	Atrazine 90 DF	Herbicide	5	100%	1.0	pound	6.50	6.50	
	Crop Oil Concentrate	Additive	5	100%	0.5	pint	1.63	0.81	
	UAN	Additive	5	100%	3	pint	0.25	0.75	
	Spray	Custom	6	50%	1	acre	9.00	4.50	
*	Brigade 2EC	Insecticide	6	50%	5.12	ounce	1.48	3.80	
*	Mustang Maxx	Insecticide	6	50%	3	ounce	1.88	2.81	
	Spray	Custom	7	60%	1	acre	9.00	5.40	
	Delaro Complete	Fungicide	7	60%	12	ounce	4.14	29.81	
	Haul Grain Bushels	Custom	10	100%	275	bushel	0.15	41.25	
	Dry 2 Points Removed	Custom	11	30%	275	bushel	0.10	8.25	
	Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
		Crop Insurance					16.00	16.00	
	Total Materials & Services							547.87	

*Insecticide for Spider mites and Western Bean Cutworm respectively.

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					744.72	
Interest on Operations Capital	$ 642.20	cash expense @	7.00%	for 6.0 mo.	22.48	
Total Operating and Use Related Ownership Costs					767.20	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Pivot (State)	$ 8,760	per acre @	3.00%	262.80	
Real Estate Taxes		$ 8,760	per acre @	1.25%	109.50	
Total Cost per Acre Including Overhead					1,172.50	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				2.94	
Cost of production per bushel					4.26	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 34-Corn, Enlist, Bt, ECB, & RIB, No Till, after Beans, 275 bushel Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 9 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
2	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Pivot E 125' Lift w/fertigation	9	ai	10.42	26.28	4.01	8.00	5.00	14.24	67.95	
5	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
6	Spray Insecticide	Custom									
7	Spray Fungicide	Custom									
8	Combine Irr Corn (corn head)	240		5.32	8.06	8.53	1.93	39.16	13.37	76.38	
9	Cart	275	bu	2.29	0.99	0.05	1.50	4.37	2.99	12.19	
10	Truck	Custom									
11	Dry Grain	Custom									
	Total for Field Operations			23.40	37.47	12.70	20.76	57.74	44.77	196.85	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	50%	32	ounce	0.13	2.13	
	2,4-D Ester LV4	Herbicide	1	50%	1	pint	4.50	2.25	
	21-0-0-24S	Additive	1	50%	1.7	pound	0.40	0.34	
	Acuron	Herbicide	2	100%	2.5	quart	21.25	53.13	
	Crop Oil Concentrate	Additive	2	100%	1.6	pint	1.63	2.60	
	21-0-0-24S	Additive	2	100%	2.5	pound	0.40	1.00	
	Corn Enlist, Bt, ECB, & RIB	Seed	3	100%	38.2	k seed	3.63	138.48	
	10-34-0	Fertilizer	3	100%	6.0	gallon	3.30	19.80	
	32-0-0 (Applied by R2)	Fertilizer	4	100%	200.0	lbs N	0.60	120.00	
	Electricity Fixed	Other	4	100%	1.0	acre	45.00	45.00	
	Enlist DUO	Herbicide	5	100%	76	ounce	0.43	32.66	
	Crop Oil Concentrate	Additive	5	100%	0.5	pint	1.63	0.81	
	UAN	Additive	5	100%	3	pint	0.25	0.75	
	Spray	Custom	6	50%	1	acre	9.00	4.50	
*	Brigade 2EC	Insecticide	6	50%	5.1	ounce	1.48	3.80	
*	Mustang Maxx	Insecticide	6	50%	3.0	ounce	1.88	2.81	
	Spray	Custom	7	60%	1	acre	9.00	5.40	
	Lucento	Fungicide	7	60%	4	ounce	5.08	12.19	
	Haul Grain Bushels	Custom	10	100%	275	bushel	0.15	41.25	
	Dry 2 Points Removed	Custom	11	20%	275	bushel	0.10	5.50	
	Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
		Crop Insurance					16.00	16.00	
	Total Materials & Services							523.40	

*Insecticide for Spider mites and Western Bean Cutworm respectively.

Total listed costs for Field Operations and Materials and Services					720.25
Interest on Operations Capital $ 617.73		cash expense @	7.00%	for 6.0 mo.	21.62
Total Operating and Use Related Ownership Costs					741.87
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00
Real Estate Opportunity^	Pivot (State)	$ 8,760	per acre @	3.00%	262.80
Real Estate Taxes		$ 8,760	per acre @	1.25%	109.50
Total Cost per Acre Including Overhead					1,147.17
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				2.84
Cost of production per bushel					4.17

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 35-Corn, Bt, ECB, RR2, LL, & RIB, No Till, after Beans, 275 bushel Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 9 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
2	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Pivot E 125' Lift w/fertigation	9	ai	10.42	26.28	4.01	8.00	5.00	14.24	67.95	
5	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
6	Spray Insecticide	Custom									
7	Spray Fungicide	Custom									
8	Combine Dryland Corn (corn head)	240		5.08	7.69	8.13	1.02	37.35	15.25	74.52	
9	Cart	275	bu	2.29	0.99	0.05	1.50	4.37	2.99	12.19	
10	Truck	Custom									
11	Dry Grain	Custom									
	Total for Field Operations			23.16	37.10	12.30	19.85	55.93	46.65	194.99	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	50%	32	ounce	0.13	2.13	
	2,4-D Ester LV4	Herbicide	1	50%	1	pint	4.50	2.25	
	21-0-0-24S	Additive	1	50%	1.7	pound	0.40	0.34	
	Acuron	Herbicide	2	100%	2.5	quart	21.25	53.13	
	Crop Oil Concentrate	Additive	2	100%	1.6	pint	1.63	2.60	
	21-0-0-24S	Additive	2	100%	2.5	pound	0.40	1.00	
	Corn Bt, ECB, RR2, LL, & RIB	Seed	3	100%	38.2	k seed	3.75	143.25	
	10-34-0	Fertilizer	3	100%	6.0	gallon	3.30	19.80	
	32-0-0 (Applied by R2)	Fertilizer	4	100%	200.0	lbs N	0.60	120.00	
	Electricity Fixed	Other	4	100%	1.0	acre	45.00	45.00	
	Liberty 280	Herbicide	5	100%	40	ounce	0.63	25.00	
	Armezon	Herbicide	5	100%	0.75	ounce	24.00	18.00	
	Crop Oil Concentrate	Additive	5	100%	0.5	pint	1.63	0.81	
	UAN	Additive	5	100%	3	pint	0.25	0.75	
	Spray	Custom	6	50%	1	acre	9.00	4.50	
*	Brigade 2EC	Insecticide	6	50%	5.12	ounce	1.48	3.80	
*	Mustang Maxx	Insecticide	6	50%	3	ounce	1.88	2.81	
	Spray	Custom	7	60%	1	acre	9.00	5.40	
	Miravis Neo	Fungicide	7	60%	13.7	ounce	2.03	16.70	
	Haul Grain Bushels	Custom	10	100%	275	bushel	0.15	41.25	
	Dry 2 Points Removed	Custom	11	20%	275	bushel	0.10	5.50	
	Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
		Crop Insurance					16.00	16.00	
	Total Materials & Services							543.02	

*Insecticide for Spider mites and Western Bean Cutworm respectively.

Total listed costs for Field Operations and Materials and Services				738.01	
Interest on Operations Capital $ 635.43	cash expense @	7.00%	for 6.0 mo.	22.24	
Total Operating and Use Related Ownership Costs				760.25	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^ Pivot (State)	$ 8,760	per acre @	3.00%	262.80	
Real Estate Taxes	$ 8,760	per acre @	1.25%	109.50	
Total Cost per Acre Including Overhead				1,165.55	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			2.91	
Cost of production per bushel				4.24	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 36-Corn, Bt, ECB, RW, & RIB, Conventional Tillage, Continuous, 235 bushel Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 13 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
5	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
6	Row Crop Cultivation	0.25		0.63	0.32	0.01	0.28	1.19	0.96	3.39	
7	Spray Insecticide	Custom									
8	Spray Fungicide	Custom									
9	Pivot D 125' Lift w/fertigation	13	ai	15.05	95.70	5.10	8.00	9.68	20.57	154.10	
10	Combine Irr Corn (corn head)	220		4.88	7.39	7.82	1.77	35.90	12.26	70.01	
11	Cart	235	bu	1.96	0.85	0.05	1.28	3.73	2.55	10.42	
12	Truck	Custom									
13	Dry Grain	Custom									
	Total for Field Operations			33.32	112.11	13.62	23.84	83.60	57.79	324.27	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
Balance Flexx	Herbicide	3	100%	4	ounce	6.00	24.00	
Bicep II Magnum	Herbicide	3	100%	2.1	quart	17.50	36.75	
Corn Bt, ECB, RW, & RIB	Seed	4	100%	32.6	k seed	4.13	134.48	
10-34-0	Fertilizer	4	100%	6	gallon	3.30	19.80	
32-0-0 (Applied by R2)	Fertilizer	9	100%	205	lbs N	0.60	123.00	
Spray	Custom	7	30%	1	acre	9.00	2.70	
* Brigade 2EC	Insecticide	7	10%	5.12	ounce	1.48	0.76	
* Mustang Maxx	Insecticide	7	20%	3	ounce	1.88	1.13	
Spray	Custom	8	30%	1	acre	9.00	2.70	
Revytek	Fungicide	8	30%	8	ounce	3.67	8.81	
Haul Grain Bushels	Custom	12	100%	235	bushel	0.15	35.25	
Dry 2 Points Removed	Custom	13	20%	235	bushel	0.10	4.70	
Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
	Crop Insurance					14.00	14.00	
Total Materials & Services							421.08	

*Insecticide for Spider mites and Western Bean Cutworm respectively.

Total listed costs for Field Operations and Materials and Services					745.35	
Interest on Operations Capital	$ 603.97	cash expense @	7.00%	for 6.0 mo.	21.14	
Total Operating and Use Related Ownership Costs					766.49	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Pivot (State)	$ 8,760	per acre @	3.00%	262.80	
Real Estate Taxes		$ 8,760	per acre @	1.25%	109.50	
Total Cost per Acre Including Overhead					1,171.79	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				3.27	
Cost of production per bushel					4.99	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 37-Corn, Bt, ECB, & RIB, Conventional Tillage, after Beans, 245 bushel Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 13 acre/inches

						Repairs		Ownership^			
	Field Operations	**Times or Qty**	**Unit**	**Labor @ $25.00 /Hr**	**Fuel @ $3.45 and Lube**	**Power**	**Imp.**	**Power**	**Imp.**	**Total**	**Your Estimate**
1	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
2	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
3	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
4	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
5	Row Crop Cultivation	0.25		0.63	0.32	0.01	0.28	1.19	0.96	3.39	
6	Spray Insecticide	Custom									
7	Spray Fungicide	Custom									
8	Pivot D 125' Lift w/fertigation	13	ai	15.05	95.70	5.10	8.00	9.68	20.57	154.10	
9	Combine Irr Corn (corn head)	225		4.99	7.56	7.99	1.81	36.71	12.54	71.60	
10	Cart	245	bu	2.04	0.88	0.05	1.33	3.89	2.66	10.85	
11	Truck	Custom									
12	Dry Grain	Custom									
	Total for Field Operations			30.99	109.29	13.50	22.66	72.12	54.49	303.05	

Materials & Services		**Operation Index**	**Percent Acres Applied**	**Application Rate**	**Unit**	**Applied Price**	**Total**	**Your Estimate**
Balance Flexx	Herbicide	2	100%	4	ounce	6.00	24.00	
Bicep II Magnum	Herbicide	2	100%	2.1	quart	17.50	36.75	
Corn Bt, ECB, & RIB	Seed	3	100%	34.0	k seed	3.75	127.50	
10-34-0	Fertilizer	3	100%	6	gallon	3.30	19.80	
32-0-0 (Applied by R2)	Fertilizer	8	100%	170	lbs N	0.60	102.00	
Spray	Custom	6	30%	1	acre	9.00	2.70	
* Brigade 2EC	Insecticide	6	10%	5.12	ounce	1.48	0.76	
* Mustang Maxx	Insecticide	6	20%	3	ounce	1.88	1.13	
Spray	Custom	7	30%	1	acre	9.00	2.70	
Delaro Complete	Fungicide	7	30%	8	ounce	4.14	9.94	
Haul Grain Bushels	Custom	11	100%	245	bushel	0.15	36.75	
Dry 2 Points Removed	Custom	12	20%	245	bushel	0.10	4.90	
Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
	Crop Insurance					14.00	14.00	
Total Materials & Services							395.93	

*Insecticide for Spider mites and Western Bean Cutworm respectively.

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					698.98	
Interest on Operations Capital	$ 572.37	cash expense @	7.00%	for 6.0 mo.	20.03	
Total Operating and Use Related Ownership Costs					719.01	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Pivot (State)	$ 8,760	per acre @	3.00%	262.80	
Real Estate Taxes		$ 8,760	per acre @	1.25%	109.50	
Total Cost per Acre Including Overhead					1,124.31	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				3.00	
Cost of production per bushel					4.59	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 38-Corn, SmartStax RIB Complete, Panhandle, Conventional Tillage, Continuous, 175 bushel Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 13 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
5	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
6	Spray Herbicide	Custom									
7	Aerial Spray	Custom									
8	Aerial Spray	Custom									
9	Pivot E 125' Lift w/fertigation	13	ai	15.05	37.96	5.80	8.00	10.15	20.57	97.53	
10	Combine Irr Corn (corn head)	175		3.88	5.88	6.22	1.41	28.55	9.75	55.69	
11	Cart	175	bu	1.46	0.63	0.03	0.95	2.78	1.90	7.75	
12	Truck	Custom									
13	Dry Grain	Custom									
	Total for Field Operations			31.19	52.32	12.69	22.87	74.58	53.67	247.32	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
Balance Flexx	Herbicide	3	100%	4	ounce	6.00	24.00	
Bicep II Magnum	Herbicide	3	100%	2.1	quart	17.50	36.75	
10-34-0	Fertilizer	4	100%	8	gallon	3.30	26.40	
Corn SmartStax RIB Complete	Seed	4	100%	27.2	k seed	4.25	115.60	
32-0-0 (Applied by R2)	Fertilizer	8	100%	165	lbs N	0.60	99.00	
Spray	Custom	6	100%	1	acre	9.00	9.00	
Glyphosate 5# w/Surfactant	Herbicide	6	100%	32	ounce	0.13	4.25	
Armezon Pro	Herbicide	6	80%	14	ounce	1.48	16.63	
21-0-0-24S	Additive	6	80%	1.7	pound	0.40	0.54	
Aerial Spray	Custom	7	20%	1	acre	11.00	2.20	
Brigade 2EC	Insecticide	7	10%	5.12	ounce	1.48	0.76	
Mustang Maxx	Insecticide	7	20%	3	ounce	1.88	1.13	
Aerial Spray	Custom	8	20%	1	acre	11.00	2.20	
Lucento	Fungicide	8	20%	3	ounce	5.08	3.05	
Electricity Fixed	Other	9	100%	1	acre	45.00	45.00	
Haul Grain Bushels	Custom	12	100%	175	bushel	0.15	26.25	
Dry 2 Points Removed	Custom	13	10%	175	bushel	0.10	1.75	
Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
	Crop Insurance					23.00	23.00	
Total Materials & Services							450.51	

Total listed costs for Field Operations and Materials and Services				697.83	
Interest on Operations Capital	$ 569.57	cash expense @	7.00% for 6.0 mo.	19.93	
Total Operating and Use Related Ownership Costs				717.76	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^	Pivot (Panhandle) $ 3,915	per acre @	3.00%	117.45	
Real Estate Taxes	$ 3,915	per acre @	1.25%	48.94	
Total Cost per Acre Including Overhead				917.15	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			3.84	
Cost of production per bushel				5.24	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 39-Corn, Bt, ECB, RR2, LL, & RIB, Panhandle, Conventional Tillage, after Beans, 185 bushel Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 13 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
2	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
3	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
4	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
5	Spray Herbicide	Custom									
6	Aerial Spray	Custom									
7	Aerial Spray	Custom									
8	Pivot E 125' Lift w/fertigation	13	ai	15.05	37.96	5.80	8.00	10.15	20.57	97.53	
9	Combine Irr Corn (corn head)	185		4.10	6.22	6.57	1.49	30.19	10.31	58.87	
10	Cart	185	bu	1.54	0.67	0.04	1.01	2.94	2.01	8.21	
11	Truck	Custom									
12	Dry Grain	Custom									
	Total for Field Operations			28.97	49.68	12.76	21.74	63.93	50.65	227.72	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
Balance Flexx	Herbicide	2	100%	4	ounce	6.00	24.00	
Bicep II Magnum	Herbicide	2	100%	2.1	quart	17.50	36.75	
10-34-0	Fertilizer	3	100%	8	gallon	3.30	26.40	
Corn Bt, ECB, RR2, LL, & RIB	Seed	3	100%	28.8	k seed	3.75	108.00	
32-0-0 (Applied by R2)	Fertilizer	8	100%	140	lbs N	0.60	84.00	
Spray	Custom	5	80%	1	acre	9.00	7.20	
DiFlexx DUO	Herbicide	5	80%	32	ounce	0.94	24.00	
Crop Oil Concentrate	Additive	5	80%	1.6	pint	1.63	2.08	
Aerial Spray	Custom	6	20%	1	acre	11.00	2.20	
Brigade 2EC	Insecticide	6	10%	5.12	ounce	1.48	0.76	
Mustang Maxx	Insecticide	6	20%	3	ounce	1.88	1.13	
Aerial Spray	Custom	7	20%	1	acre	11.00	2.20	
Miravis Neo	Fungicide	7	20%	10	ounce	2.03	4.06	
Electricity Fixed	Other	8	100%	1	acre	45.00	45.00	
Haul Grain Bushels	Custom	11	100%	185	bushel	0.15	27.75	
Dry 2 Points Removed	Custom	12	10%	185	bushel	0.10	1.85	
Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
	Crop Insurance					24.00	24.00	
Total Materials & Services							434.38	

Total listed costs for Field Operations and Materials and Services					662.10	
Interest on Operations Capital	$ 547.53	cash expense @	7.00%	for 6.0 mo.	19.16	
Total Operating and Use Related Ownership Costs					681.26	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Pivot (Panhandle)	$ 3,915	per acre @	3.00%	117.45	
Real Estate Taxes		$ 3,915	per acre @	1.25%	48.94	
Total Cost per Acre Including Overhead					880.65	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				3.51	
Cost of production per bushel					4.76	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 40-Corn, SmartStax RIB Complete, Conventional Tillage, Continuous, 240 bushel Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 13 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
5	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
6	Row Crop Cultivation	0.25		0.63	0.32	0.01	0.28	1.19	0.96	3.39	
7	Spray Insecticide	Custom									
8	Spray Fungicide	Custom									
9	Spray Herbicide	Custom									
10	Pivot E 125' Lift w/fertigation	13	ai	15.05	37.96	5.80	8.00	10.15	20.57	97.53	
11	Combine Irr Corn (corn head)	220		4.88	7.39	7.82	1.77	35.90	12.26	70.01	
12	Cart	240	bu	2.00	0.87	0.05	1.31	3.81	2.61	10.65	
13	Truck	Custom									
14	Dry Grain	Custom									
	Total for Field Operations			33.36	54.39	14.32	23.87	84.15	57.85	267.93	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Application Unit	Applied Price	Total	Your Estimate
Balance Flexx	Herbicide	3	100%	4	ounce	6.00	24.00	
Bicep II Magnum	Herbicide	3	100%	2.1	quart	17.50	36.75	
Corn SmartStax RIB Complete	Seed	4	100%	33.3	k seed	4.25	141.53	
10-34-0	Fertilizer	4	100%	6	gallon	3.30	19.80	
Spray	Custom	7	20%	1.0	acre	9.00	1.80	
Brigade 2EC	Insecticide	7	10%	5.12	ounce	1.48	0.76	
Mustang Maxx	Insecticide	7	20%	3	ounce	1.88	1.13	
Spray	Custom	8	30%	1	acre	9.00	2.70	
Revytek	Fungicide	8	30%	10.0	ounce	3.67	11.02	
Spray	Custom	9	80%	1	acre	8.50	6.80	
DiFlexx DUO	Herbicide	9	80%	32	ounce	0.94	24.00	
Crop Oil Concentrate	Additive	9	80%	1.6	pint	1.63	2.08	
32-0-0 (Applied by R2)	Fertilizer	10	100%	210.0	lbs N	0.60	126.00	
Electricity Fixed	Other	10	100%	1	acre	45.00	45.00	
Haul Grain Bushels	Custom	13	100%	240	bushel	0.15	36.00	
Dry 2 Points Removed	Custom	14	20%	240	bushel	0.10	4.80	
Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
	Crop Insurance					14.00	14.00	
Total Materials & Services	31,200 seeds per acre, 80,000 per bag, 5% Refuge						511.17	

						Total	Your Estimate
Total listed costs for Field Operations and Materials and Services						779.10	
Interest on Operations Capital	$ 637.11		cash expense @	7.00%	for 6.0 mo.	22.30	
Total Operating and Use Related Ownership Costs						801.40	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)						33.00	
Real Estate Opportunity^	Pivot (State)	$ 8,760	per acre @	3.00%		262.80	
Real Estate Taxes		$ 8,760	per acre @	1.25%		109.50	
Total Cost per Acre Including Overhead						1,206.70	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*					3.34	
Cost of production per bushel						5.03	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 41-Corn, Silage, No Till, Continuous, 28 ton Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 12 acre/inches

						Repairs		Ownership^			
	Field Operations	**Times or Qty**	**Unit**	**Labor @ $25.00 /Hr**	**Fuel @ $3.45 and Lube**	**Power**	**Imp.**	**Power**	**Imp.**	**Total**	**Your Estimate**
1	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Spread Manure	Custom									
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Spray Herbicide	Custom									
5	Pivot D 125' Lift	12	ai	10.42	88.34	4.70	8.00	8.93	17.47	137.86	
6	Aerial Spray	Custom									
7	Chop Silage	Custom									
	Total for Field Operations			14.37	90.00	4.78	15.67	15.76	28.61	169.19	

	Materials & Services		**Operation Index**	**Percent Acres Applied**	**Application Rate**	**Unit**	**Applied Price**	**Total**	**Your Estimate**
	2,4-D Ester LV4	Herbicide	1	100%	1	pint	4.50	4.50	
	Uncomposted manure	Fertilizer	2	100%	20	ton	5.00	100.00	
	Haul & Apply Manure	Custom	2	100%	20	ton	8.00	160.00	
	Bicep II Magnum	Herbicide	3	100%	1.4	quart	17.50	24.50	
	Corn	Seed	3	100%	32.2	k seed	3.38	108.68	
*	Capture LFR	Insecticide	3	100%	6.6	ounce	3.13	20.63	
	Spray	Custom	4	80%	1	acre	9.00	7.20	
	Armezon Pro	Herbicide	4	80%	14	ounce	1.48	16.63	
	NIS	Additive	4	80%	6	ounce	0.20	0.98	
	UAN	Additive	4	80%	4	pint	0.25	0.80	
*	Aerial Spray	Custom	6	15%	1	acre	11.00	1.65	
*	Brigade 2EC	Insecticide	6	10%	2.5	ounce	1.48	0.37	
*	Mustang Maxx	Insecticide	6	5%	3	ounce	1.88	0.28	
	Chop, Haul, Pack	Custom	7	100%	28	ton	20.00	560.00	
	Scouting Irrigated Corn	Scouting		100%	1	acre	13.00	13.00	
		Crop Insurance					14.00	14.00	
	Total Materials & Services							1,033.22	

*Insecticide for rootworm, 1st & 2nd brood European Corn Borer Western and Bean Cutworm, respectively.

Total listed costs for Field Operations and Materials and Services				1,202.41	
Interest on Operations Capital $ 1,158.04	cash expense @	7.00%	for 6.0 mo.	40.53	
Total Operating and Use Related Ownership Costs				1,242.94	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^ — Pivot (State)	$ 8,760	per acre @	3.00%	262.80	
Real Estate Taxes	$ 8,760	per acre @	1.25%	109.50	
Total Cost per Acre Including Overhead				1,648.24	
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*			47.90	
Cost of production per ton				58.87	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 42-Dry Beans, Panhandle, Reduced Till, after Harvest Cover Crop, 27 cwt Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 8 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
5	Pivot E 125' Lift	8	ai	6.94	23.36	3.57	8.00	6.25	11.64	59.76	
6	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
7	Aerial Spray	Custom									
8	Aerial Spray	Custom									
9	Pickett Windrowers	1		2.75	2.41	0.06	1.21	5.24	2.14	13.81	
10	Combine Irr Dry Beans (flex head)	1		2.12	3.20	3.39	0.53	15.56	4.08	28.88	
11	Truck	Custom									
12	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
	Total for Field Operations			23.26	37.46	7.67	29.42	61.16	39.94	198.91	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Outlook	Herbicide	3	100%	11	ounce	1.45	15.90	
	Prowl H2O	Herbicide	3	100%	2	pint	7.50	15.00	
	Edible Beans	Seed	4	100%	0.75	cwt	100.00	75.00	
	10-34-0-1Zn	Fertilizer	4	100%	7	gallon	3.40	23.80	
	46-0-0	Fertilizer	4	100%	50	lbs N	0.60	30.00	
	Electricity Fixed	Other	5	100%	1	acre	45.00	45.00	
	Basagran 5L	Herbicide	6	100%	1.2	pint	11.88	14.25	
	Outlook	Herbicide	6	100%	10	ounce	1.45	14.45	
	Raptor	Herbicide	6	100%	4	ounce	4.69	18.75	
	NIS	Additive	6	100%	5	ounce	0.20	1.02	
	UAN	Additive	6	100%	4	pint	0.25	1.00	
*	Aerial Spray	Custom	7	60%	1	acre	11.00	6.60	
*	Asana XL	Insecticide	7	60%	5.8	ounce	0.66	2.31	
	Aerial Spray	Custom	8	100%	1	acre	11.00	11.00	
	Copper	Fungicide	8	100%	2	pint	8.00	16.00	
	Priaxor	Fungicide	8	100%	4	ounce	4.38	17.50	
	Haul Grain (Dry Beans)	Custom	11	100%	27	cwt	0.32	8.64	
	Wheat Cover Crop	Seed	12	100%	30	pound	0.38	11.40	
	Scouting Dry Beans	Scouting		100%	1	acre	13.00	13.00	
		Crop Insurance					36.00	36.00	
	Total Materials & Services		Electricity connect fee 6 months @ $72/mo 133 acres					376.62	

*Insecticide for Mexican bean beetle and Western Bean Cutworm (10%).

Total listed costs for Field Operations and Materials and Services				575.53	
Interest on Operations Capital	$ 474.43	cash expense @	7.00% for 6.0 mo.	16.61	
Total Operating and Use Related Ownership Costs				592.14	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^	Pivot (Panhandle)	$ 3,915 per acre @	3.00%	117.45	
Real Estate Taxes		$ 3,915 per acre @	1.25%	48.94	
Total Cost per Acre Including Overhead				791.53	
Cash Cost per cwt	*^Ownership and RE Opportunity not included in cash costs.*			21.22	
Cost of production per cwt				29.32	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 43-Dry Beans, Panhandle, Conventional Tillage, 27 cwt Yield
Gravity Irrigated, fed by canal, 10 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Chop Stalks	1		2.23	1.84	0.05	0.67	4.25	3.04	12.08	
2	Plow	1		4.30	3.72	0.49	2.49	21.22	1.14	33.36	
3	Roller Harrow	1		2.50	1.98	0.06	1.16	5.24	3.36	14.30	
4	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
5	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
6	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
7	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
8	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
9	Ridge Cultivate/Ditch	1		2.75	2.12	0.31	1.87	13.58	5.18	25.81	
10	Ditch Irrigation	10	ai	13.89	0.00	3.92	0.00	8.78	0.00	26.59	
11	Aerial Spray	Custom									
12	Aerial Spray	Custom									
13	Pickett Windrowers	1		2.75	2.41	0.06	1.21	5.24	2.14	13.81	
14	Combine Irr Dry Beans (flex head)	1		2.12	3.20	3.39	0.53	15.56	4.08	28.88	
15	Truck	Custom									
	Total for Field Operations			39.77	20.42	8.65	20.28	96.11	38.72	223.95	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Eptam 7E	Herbicide	5	100%	3	pint	8.75	26.25	
	Sonalan HFP	Herbicide	5	100%	1.5	pint	8.75	13.13	
	Edible Beans	Seed	6	100%	0.75	cwt	100.00	75.00	
	10-34-0-1Zn	Fertilizer	6	100%	7	gallon	3.40	23.80	
	46-0-0	Fertilizer	6	100%	50	lbs N	0.60	30.00	
	Basagran 5L	Herbicide	7	100%	1.2	pint	11.88	14.25	
	Raptor	Herbicide	7	100%	4	ounce	4.69	18.75	
	Outlook	Herbicide	7	100%	13	ounce	1.45	18.79	
	NIS	Additive	7	100%	5	ounce	0.20	1.02	
	UAN	Additive	7	100%	4	pint	0.25	1.00	
*	Aerial Spray	Custom	11	60%	1	acre	11.00	6.60	
*	Asana XL	Insecticide	11	60%	5.8	ounce	0.66	2.31	
	Aerial Spray	Custom	12	100%	1	acre	11.00	11.00	
	Copper	Fungicide	12	100%	2	pint	8.00	16.00	
	Priaxor	Fungicide	12	100%	4	ounce	4.38	17.50	
	Haul Grain (Dry Beans)	Custom	15	100%	27	cwt	0.32	8.64	
	Irrigation District O&M Charge	Other	10	100%	1	acre	40.00	40.00	
	Scouting Dry Beans	Scouting		100%	1	acre	13.00	13.00	
		Crop Insurance					36.00	36.00	
	Total Materials & Services							373.04	

* Mexican Bean Beetle and Western Bean Cutworm

Total listed costs for Field Operations and Materials and Services					596.99	
Interest on Operations Capital	$ 462.16	cash expense @	7.00%	for 6.0 mo.	16.18	
Total Operating and Use Related Ownership Costs					613.17	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Gravity (Panhandle)	$ 3,545	per acre @	3.00%	106.35	
Real Estate Taxes		$ 3,545	per acre @	1.25%	44.31	
Total Cost per Acre Including Overhead					796.83	
Cash Cost per cwt	*^Ownership and RE Opportunity not included in cash costs.*				20.58	
Cost of production per cwt					29.51	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 44-Dry Beans, Panhandle, Conventional Tillage, 27 cwt Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 9 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	2		5.04	6.03	0.57	2.53	24.90	7.37	46.44	
2	Chisel	1		2.48	2.96	0.28	2.88	12.24	2.06	22.90	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
5	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
6	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
7	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
8	Pivot E 125' Lift	9	ai	7.81	26.28	4.01	8.00	7.03	13.10	66.23	
9	Aerial Spray	Custom									
10	Aerial Spray	Custom									
11	Pickett Windrowers	1		2.75	2.41	0.06	1.21	5.24	2.14	13.81	
12	Combine Irr Dry Beans (flex head)	1		2.12	3.20	3.39	0.53	15.56	4.08	28.88	
13	Truck	Custom									
	Total for Field Operations			29.43	46.03	8.68	27.50	87.21	48.53	247.38	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Application Unit	Applied Price	Total	Your Estimate
	Outlook	Herbicide	3	100%	11	ounce	1.45	15.90	
	Prowl H2O	Herbicide	3	100%	2	pint	7.50	15.00	
	Edible Beans	Seed	5	100%	0.75	cwt	100.00	75.00	
	10-34-0-1Zn	Fertilizer	5	100%	7	gallon	3.40	23.80	
	46-0-0	Fertilizer	5	100%	50	lbs N	0.60	30.00	
	Raptor	Herbicide	6	100%	4	ounce	4.69	18.75	
	Basagran 5L	Herbicide	6	100%	1.2	pint	11.88	14.25	
	Outlook	Herbicide	6	100%	10	ounce	1.45	14.45	
	NIS	Additive	6	100%	5	ounce	0.20	1.02	
	UAN	Additive	6	100%	4	pint	0.25	1.00	
	Electricity Fixed	Other	8	100%	1	acre	45.00	45.00	
*	Aerial Spray	Custom	9	60%	1	acre	11.00	6.60	
*	Asana XL	Insecticide	9	60%	5.8	ounce	0.66	2.31	
	Aerial Spray	Custom	10	100%	1	acre	11.00	11.00	
	Copper	Fungicide	10	100%	2	pint	8.00	16.00	
	Priaxor	Fungicide	10	100%	4	ounce	4.38	17.50	
	Haul Grain (Dry Beans)	Custom	13	100%	27	cwt	0.32	8.64	
	Scouting Dry Beans	Scouting		100%	1	acre	13.00	13.00	
		Crop Insurance					36.00	36.00	
	Total Materials & Services							365.22	

* Mexican Bean Beetle and Western Bean Cutworm

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					612.60	
Interest on Operations Capital	$ 476.86	cash expense @	7.00%	for 6.0 mo.	16.69	
Total Operating and Use Related Ownership Costs					629.29	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Pivot (Panhandle)	$ 3,915	per acre @	3.00%	117.45	
Real Estate Taxes		$ 3,915	per acre @	1.25%	48.94	
Total Cost per Acre Including Overhead					828.68	
Cash Cost per cwt					21.31	
Cost of production per cwt					30.69	

^Ownership and RE Opportunity not included in cash costs.

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 45-Dry Beans, Direct Harvest, Panhandle, Conventional Tillage, 27 cwt Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 9 acre/inches

						Repairs		Ownership^			
	Field Operations	**Times or Qty**	**Unit**	**Labor @ $25.00 /Hr**	**Fuel @ $3.45 and Lube**	**Power**	**Imp.**	**Power**	**Imp.**	**Total**	**Your Estimate**
1	Disk	2		5.04	6.03	0.57	2.53	24.90	7.37	46.44	
2	Chisel	1		2.48	2.96	0.28	2.88	12.24	2.06	22.90	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
5	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
6	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
7	Pivot E 125' Lift	9	ai	7.81	26.28	4.01	8.00	7.03	13.10	66.23	
8	Aerial Spray	Custom									
9	Aerial Spray	Custom									
10	Spray Herbicide	0.1		0.09	0.03	0.00	0.11	0.16	0.20	0.59	
11	Combine Dryland SB - (flex head)	1		2.12	3.20	3.39	0.42	15.56	4.90	29.59	
12	Truck	Custom									
	Total for Field Operations			24.27	42.39	8.56	25.17	77.36	43.57	221.32	

	Materials & Services		**Operation Index**	**Percent Acres Applied**	**Application Rate**	**Unit**	**Applied Price**	**Total**	**Your Estimate**
	Outlook	Herbicide	3	100%	11	ounce	1.45	15.90	
	Prowl H2O	Herbicide	3	100%	2	pint	7.50	15.00	
	Edible Beans	Seed	5	100%	1	cwt	100.00	100.00	
	10-34-0-1Zn	Fertilizer	5	100%	7	gallon	3.40	23.80	
	46-0-0	Fertilizer	5	100%	50	lbs N	0.60	30.00	
	Raptor	Herbicide	6	100%	4	ounce	4.69	18.75	
	Basagran 5L	Herbicide	6	100%	1.2	pint	11.88	14.25	
	Outlook	Herbicide	6	100%	10	ounce	1.45	14.45	
	NIS	Additive	6	100%	5	ounce	0.20	1.02	
	UAN	Additive	6	100%	4	pint	0.25	1.00	
	Electricity Fixed	Other	7	100%	1	acre	45.00	45.00	
*	Aerial Spray	Custom	8	60%	1	acre	11.00	6.60	
*	Asana XL	Insecticide	8	60%	5.8	ounce	0.66	2.31	
	Aerial Spray	Custom	9	100%	1	acre	11.00	11.00	
	Copper	Fungicide	9	100%	2	pint	8.00	16.00	
	Priaxor	Fungicide	9	100%	4	ounce	4.38	17.50	
	Gramoxone SL 3.0	Herbicide	10	10%	2	pint	5.38	1.08	
	Haul Grain (Dry Beans)	Custom	12	100%	27	cwt	0.32	8.64	
	Scouting Dry Beans	Scouting		100%	1	acre	13.00	13.00	
		Crop Insurance					36.00	36.00	
	Total Materials & Services							391.30	

* Mexican Bean Beetle and Western Bean Cutworm

Total listed costs for Field Operations and Materials and Services				612.62	
Interest on Operations Capital	$ 491.69	cash expense @	7.00% for 6.0 mo.	17.21	
Total Operating and Use Related Ownership Costs				629.83	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^	Pivot (Panhandle)	$ 3,915 per acre @	3.00%	117.45	
Real Estate Taxes		$ 3,915 per acre @	1.25%	48.94	
Total Cost per Acre Including Overhead				829.22	
Cash Cost per cwt	*^Ownership and RE Opportunity not included in cash costs.*			21.88	
Cost of production per cwt				30.71	

A potential yield loss of 92-120 pounds per acre (but can be as high as 240-480 pounds per acre) with direct harvest is possible because of beans lost on the lower stem. A draper flex platform is usually the best choice for direct harvest. Direct harvest reduces field operations and weather related losses while beans are drying in the windrow. Undercutting and windrowing has even resulted in total crop loss. In these budgets we have not adjusted dry bean yields because of different harvesting methods.

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 46-Grain Sorghum, Southwest, Conventional Tillage, 85 bushel Yield
Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Anhydrous Application	1		1.83	0.87	0.21	1.43	9.05	4.62	18.01	
3	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
4	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
5	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
6	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
7	Row Crop Cultivation	0.25		0.63	0.32	0.01	0.28	1.19	0.96	3.39	
8	Spray Herbicide	0.8		0.76	0.25	0.02	0.89	1.27	1.61	4.80	
9	Aerial Spray	Custom									
10	Combine Dryland SG (grain head)	85		1.80	2.72	2.88	0.24	13.23	2.80	23.67	
11	Cart	85	bu	0.71	0.31	0.02	0.46	1.35	0.92	3.77	
12	Truck	Custom									
	Total for Field Operations			16.5281	12.3238	3.7807	15.81	59.19	32.3557	139.99	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Application Unit	Applied Price	Total	Your Estimate
	82-0-0	Fertilizer	2	100%	70	lbs N	0.35	24.50	
	10-34-0	Fertilizer	4	100%	6	gallon	3.30	19.80	
	Lumax EZ	Herbicide	4	100%	2.7	quart	18.75	50.63	
	AAtrex 4L	Herbicide	4	100%	0.5	quart	6.00	3.00	
	Sorghum Safened/Insect	Seed	5	100%	4	pound	3.50	14.00	
	Huskie	Herbicide	8	80%	11	ounce	1.05	9.28	
	21-0-0-24S	Additive	8	80%	1	pound	0.40	0.32	
*	Aerial Spray	Custom	9	15%	1	acre	11.00	1.65	
*	Mustang Maxx	Insecticide	9	15%	3	ounce	1.88	0.84	
	Haul Grain Bushels	Custom	12	100%	85	bushel	0.15	12.75	
	Scouting Grain Sorghum	Scouting		100%	1	acre	10.00	10.00	
		Crop Insurance					37.00	37.00	
	Total Materials & Services							183.77	

*Treating greenbugs one year in 10, chinchbugs one in 20.

Total listed costs for Field Operations and Materials and Services					323.76
Interest on Operations Capital	$ 232.21	cash expense @	7.00%	for 6.0 mo.	8.13
Total Operating and Use Related Ownership Costs					331.89
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00
** Real Estate Opportunity^	Dryland (Southwest)	$ 1,720	per acre @	3.00%	51.60
** Real Estate Taxes		$ 1,560	per acre @	1.25%	19.50
Total Cost per Acre Including Overhead					427.99
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				3.35
Cost of production per bushel					5.04

** Since sorghum is generally planted on less productive land, real estate cost is reduced to 70% of average value.

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 47-Grain Sorghum, No Till, 135 bushel Yield
Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Spray Fertilizer and Herbicide	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Spray Herbicide	0.8		0.76	0.25	0.02	0.89	1.27	1.61	4.80	
5	Aerial Spray	Custom									
6	Combine Dryland SG (grain head)	135		2.86	4.33	4.58	0.38	21.01	4.44	37.59	
7	Cart	135	bu	1.13	0.49	0.03	0.74	2.15	1.47	6.01	
8	Truck	Custom									
	Total for Field Operations			9.65	7.05	4.73	9.98	32.85	23.70	87.95	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	100%	32	ounce	0.13	4.25	
	2,4-D Ester LV4	Herbicide	1	100%	1	pint	4.50	4.50	
	21-0-0-24S	Additive	1	100%	1.7	pound	0.40	0.68	
	32-0-0	Fertilizer	2	100%	120	lbs N	0.60	72.00	
	Lumax EZ	Herbicide	2	100%	2.7	quart	18.75	50.63	
	AAtrex 4L	Herbicide	2	100%	0.5	quart	6.00	3.00	
	10-34-0	Fertilizer	3	100%	6	gallon	3.30	19.80	
	Sorghum Safened/Insect	Seed	3	100%	4	pound	3.50	14.00	
	Huskie	Herbicide	4	80%	11	ounce	1.05	9.28	
	21-0-0-24S	Additive	4	80%	1	pound	0.40	0.32	
*	Aerial Spray	Custom	5	15%	1	acre	11.00	1.65	
*	Mustang Maxx	Insecticide	5	15%	3	ounce	1.88	0.84	
	Haul Grain Bushels	Custom	8	100%	135	bushel	0.15	20.25	
	Scouting Grain Sorghum	Scouting		100%	1	acre	10.00	10.00	
		Crop Insurance					32.00	32.00	
	Total Materials & Services							243.20	

*Treating greenbugs one year in 10, chinchbugs one in 20.

	Total listed costs for Field Operations and Materials and Services					331.15	
	Interest on Operations Capital	$ 274.59	cash expense @	7.00%	for 6.0 mo.	9.61	
	Total Operating and Use Related Ownership Costs					340.76	
	Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00	
**	Real Estate Opportunity^	Dryland (State)	$ 3,900	per acre @	3.00%	117.00	
**	Real Estate Taxes		$ 3,900	per acre @	1.25%	48.75	
	Total Cost per Acre Including Overhead					531.51	
	Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				2.65	
	Cost of production per bushel					3.94	

** Since sorghum is generally planted on less productive land, real estate cost is reduced to 70% of average value.

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 48-Grain Sorghum, Southwest, Ecofallow, after Wheat, Two Crops in Three Years, 120 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Post Harvest Burndown Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Spray Fall Burndown Herbicide	1		0.95	0.32	0.02	1.04	1.59	2.52	6.44	
3	Spray Fertilizer and Herbicide	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
4	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
5	Spray Herbicide	0.8		0.76	0.25	0.02	0.89	1.27	1.61	4.80	
6	Aerial Spray	Custom									
7	Combine Dryland SG (grain head)	120		2.54	3.85	4.07	0.34	18.68	3.95	33.41	
8	Cart	120	bu	1.00	0.43	0.02	0.65	1.91	1.30	5.31	
9	Truck	Custom									
	Total for Field Operations			10.15	6.83	4.23	10.89	31.87	25.56	89.51	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	100%	32	ounce	0.13	4.25	
	2,4-D Ester LV4	Herbicide	1	100%	1	pint	4.50	4.50	
	21-0-0-24S	Additive	1	100%	1.7	pound	0.40	0.68	
	AAtrex 4L	Herbicide	2	100%	1	quart	6.00	6.00	
	Gramoxone SL 3.0	Herbicide	2	100%	1.5	pint	5.38	8.06	
	32-0-0	Fertilizer	3	100%	115	lbs N	0.60	69.00	
	Lumax EZ	Herbicide	3	100%	2.7	quart	18.75	50.63	
	10-34-0	Fertilizer	4	100%	6	gallon	3.30	19.80	
	Sorghum Safened/Insect	Seed	4	100%	4	pound	3.50	14.00	
	Huskie	Herbicide	5	80%	11	ounce	1.05	9.28	
	21-0-0-24S	Additive	5	80%	1	pound	0.40	0.32	
*	Aerial Spray	Custom	6	15%	1	acre	11.00	1.65	
*	Mustang Maxx	Insecticide	6	15%	3	ounce	1.88	0.84	
	Haul Grain Bushels	Custom	9	100%	120	bushel	0.15	18.00	
	Scouting Grain Sorghum	Scouting		100%	1	acre	10.00	10.00	
		Crop Insurance					37.00	37.00	
	Total Materials & Services							254.01	

*Treating greenbugs one year in 10, chinchbugs one in 20.

	Total listed costs for Field Operations and Materials and Services				343.52	
	Interest on Operations Capital $ 286.10	cash expense @	7.00%	for 6.0 mo.	10.01	
	Total Operating and Use Related Ownership Costs				353.53	
	Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				25.00	
**	Real Estate Opportunity^ — Dryland (Southwest)	$ 1,560	per acre @	3.00%	46.80	
**	Real Estate Taxes	$ 1,560	per acre @	1.25%	19.50	
	Total Cost per Acre Including Overhead				444.83	
	Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			2.84	
	Cost of production per bushel				3.71	

** Since sorghum is generally planted on less productive land, real estate cost is reduced to 70% of average value.

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 49-Grain Sorghum, No Till, Limited Irrigation, 170 bushel Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 6 acre/inches

						Repairs		Ownership^			
	Field Operations	**Times or Qty**	**Unit**	**Labor @ $25.00 /Hr**	**Fuel @ $3.45 and Lube**	**Power**	**Imp.**	**Power**	**Imp.**	**Total**	**Your Estimate**
1	Spray Burndown Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Anhydrous Application	1		1.83	0.87	0.21	1.43	9.05	4.62	18.01	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
5	Spray Herbicide	0.8		0.76	0.25	0.02	0.89	1.27	1.61	4.80	
6	Aerial Spray	Custom									
7	Pivot D 125' Lift	6	ai	5.21	44.17	2.35	15.91	4.47	8.73	80.84	
8	Combine Irr SG (grain head)	170		3.90	5.90	6.24	0.86	28.66	4.47	50.02	
9	Cart	170	bu	1.42	0.61	0.03	0.93	2.70	1.85	7.54	
10	Truck	Custom									
	Total for Field Operations			18.02	53.78	8.95	28.80	54.57	34.44	198.55	

Materials & Services		**Operation Index**	**Percent Acres Applied**	**Application Rate**	**Unit**	**Applied Price**	**Total**	**Your Estimate**
Glyphosate 5# w/Surfactant	Herbicide	1	100%	32	ounce	0.13	4.25	
2,4-D Ester LV4	Herbicide	1	100%	1	pint	4.50	4.50	
21-0-0-24S	Additive	1	100%	1.7	pound	0.40	0.68	
82-0-0	Fertilizer	2	100%	150	lbs N	0.35	52.50	
Lumax EZ	Herbicide	3	100%	2.7	quart	18.75	50.63	
AAtrex 4L	Herbicide	3	100%	0.5	quart	6.00	3.00	
10-34-0	Fertilizer	4	100%	6	gallon	3.30	19.80	
Sorghum Safened/Insect	Seed	4	100%	6	pound	3.50	21.00	
Huskie	Herbicide	5	80%	11	ounce	1.05	9.28	
21-0-0-24S	Additive	5	80%	1	pound	0.40	0.32	
* Aerial Spray	Custom	6	15%	1	acre	11.00	1.65	
* Mustang Maxx	Insecticide	6	15%	3	ounce	1.88	0.84	
Haul Grain Bushels	Custom	10	100%	170	bushel	0.15	25.50	
Scouting Grain Sorghum	Scouting		100%	1	acre	10.00	10.00	
	Crop Insurance					20.00	20.00	
Total Materials & Services							223.95	

*Treating greenbugs one year in 10, chinchbugs one in 20.

Total listed costs for Field Operations and Materials and Services				422.50	
Interest on Operations Capital	$ 333.49	cash expense @	7.00% for 6.0 mo.	11.67	
Total Operating and Use Related Ownership Costs				434.17	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
** Real Estate Opportunity^	Pivot (Marginal Land)	$ 6,070 per acre @	3.00%	182.10	
** Real Estate Taxes		$ 5,235 per acre @	1.25%	65.44	
Total Cost per Acre Including Overhead				714.71	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			2.61	
Cost of production per bushel				4.20	

** Since sorghum is generally planted on less productive land, real estate cost is reduced to 70% of average value.

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 50-Grass, Fall Establishment
Pivot Irrigated Diesel, 800 GPM 35 PSI, 2 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership Power	Ownership Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
3	Grass Drill	1		3.06	1.89	0.07	3.26	5.83	3.63	17.74	
4	Roll	1		2.08	1.80	0.05	0.37	4.37	3.34	12.01	
5	Pivot D 125' Lift	2	ai	1.74	14.72	0.78	5.30	1.49	2.91	26.94	
6	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
	Total for Field Operations			13.20	24.81	1.45	12.65	37.32	18.99	108.42	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
Grass Seed	Seed	3	100%	1	acre	80.00	80.00	
11-52-0	Fertilizer	6	100%	60	pound	0.40	24.00	
Total Materials & Services							104.00	

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					212.42	
Interest on Operations Capital	$ 156.11	cash expense @	7.00%	for 6.0 mo.	5.46	
Total Operating and Use Related Ownership Costs					217.88	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity	Fall Establishment	$ -	per acre @	3.00%	0.00	
Real Estate Taxes		$ -	per acre @	1.25%	0.00	
Total Cost per Acre Including Overhead					250.88	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 51-Grass Hay, Large Round Bales, 3.3 ton Yield

						Repairs		Ownership^			
	Field Operations	**Times or Qty**	**Unit**	**Labor @ $25.00 /Hr**	**Fuel @ $3.45 and Lube**	**Power**	**Imp.**	**Power**	**Imp.**	**Total**	**Your Estimate**
1	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	________
2	Swath/Condition Hay	1		2.50	1.98	0.96	1.09	3.54	6.09	16.16	________
3	Bale Large Round	3.3	ton	7.56	3.14	0.18	9.37	14.42	12.52	47.19	________
4	Move Large Round	3.3	ton	4.32	2.49	0.10	0.00	8.24	0.56	15.71	________
	Total for Field Operations			16.35	8.82	1.29	10.46	30.33	21.81	89.06	________

Materials & Services		**Operation Index**	**Percent Acres Applied**	**Application Rate**	**Unit**	**Applied Price**	**Total**	**Your Estimate**
46-0-0	Fertilizer	1	100%	60	lbs N	0.60	36.00	________
11-52-0	Fertilizer	1	100%	15	pound	0.40	6.00	________
Twine Large Round	Other	3	100%	3.3	ton	1.95	6.43	________
Pasture, Range, & Forage Insurance	Other		100%	1	acre	1.00	1.00	________
Total Materials & Services							49.43	________

Total listed costs for Field Operations and Materials and Services				138.49	________
Interest on Operations Capital	$ 86.35	cash expense @	7.00% for 6.0 mo.	3.02	________
Total Operating and Use Related Ownership Costs				141.51	________
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				16.00	________
Real Estate Opportunity^	Dryland (State) $ 4,395	per acre @	3.00%	131.85	________
Real Estate Taxes	$ 4,395	per acre @	1.25%	54.94	________
Total Cost per Acre Including Overhead				344.30	________
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*			48.58	________
Cost of production per ton				104.33	________

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 52-Millet-Proso, Panhandle, Stubble Mulch Fallow, Followed by Wheat, Two Crops in Three Years, 22 cwt Yield
Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Sweep Plow	1		2.20	2.74	0.25	0.75	10.86	2.91	19.71	
3	Rod Weeder	1		1.89	1.61	0.24	0.92	10.29	3.69	18.64	
4	Spray Fertilizer	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
5	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
6	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
7	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
8	Windrow Grain	1		2.50	1.98	0.96	0.40	3.54	0.42	9.80	
*9	Combine Small Grain (grain head)	75		1.59	2.40	2.54	0.27	11.67	2.06	20.52	
10	Truck	Custom									
	Total for Field Operations			14.18	11.59	4.12	13.15	46.91	22.63	112.57	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
Glyphosate 5# w/Surfactant	Herbicide	1	100%	32	ounce	0.13	4.25	
2,4-D Ester LV4	Herbicide	1	100%	1.5	pint	4.50	6.75	
21-0-0-24S	Additive	1	100%	1.7	pound	0.40	0.68	
28-0-0	Fertilizer	4	100%	45	lbs N	0.60	27.00	
Millet (Proso)	Seed	5	100%	15	pound	0.65	9.75	
Scorch	Herbicide	6	100%	1	pint	8.75	8.75	
Glyphosate 5# w/Surfactant	Herbicide	7	100%	32	ounce	0.13	4.25	
Haul Grain (Millet)	Custom	10	100%	22	cwt	0.28	6.16	
	Crop Insurance					11.00	11.00	
Total Materials & Services							78.59	

* Harvest factor adjustment used on costs

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					191.16	
Interest on Operations Capital	$ 121.62	cash expense @	7.00%	for 6.0 mo.	4.26	
Total Operating and Use Related Ownership Costs					195.42	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00	
Real Estate Opportunity^	Dryland (Panhandle)	$ 685	per acre @	3.00%	20.55	
Real Estate Taxes		$ 685	per acre @	1.25%	8.56	
Total Cost per Acre Including Overhead					249.53	
Cash Cost per cwt	*^Ownership and RE Opportunity not included in cash costs.*				7.25	
Cost of production per cwt					11.34	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 53-Millet-Proso, Panhandle, No Till, 22 cwt Yield
Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Spray Fertilizer	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
4	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
5	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
6	Windrow Grain	1		2.50	1.98	0.96	0.40	3.54	0.42	9.80	
*7	Combine Small Grain (grain head)	75		1.59	2.40	2.54	0.27	11.67	2.06	20.52	
8	Truck	Custom									
	Total for Field Operations			10.09	7.24	3.63	11.48	25.76	16.03	74.22	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
Glyphosate 5# w/Surfactant	Herbicide	1	100%	32	ounce	0.13	4.25	
2,4-D Ester LV4	Herbicide	1	100%	1.5	pint	4.50	6.75	
21-0-0-24S	Additive	1	100%	1.7	pound	0.40	0.68	
28-0-0	Fertilizer	2	100%	45	lbs N	0.60	27.00	
Millet (Proso)	Seed	3	100%	15	pound	0.65	9.75	
Scorch	Herbicide	4	100%	1	pint	8.75	8.75	
Glyphosate 5# w/Surfactant	Herbicide	5	100%	32	ounce	0.13	4.25	
Haul Grain (Millet)	Custom	8	100%	22	cwt	0.28	6.16	
	Crop Insurance					11.00	11.00	
Total Materials & Services							78.59	

* Harvest factor adjustment used on costs

Total listed costs for Field Operations and Materials and Services				152.81	
Interest on Operations Capital $ 111.02	cash expense @	7.00%	for 6.0 mo.	3.89	
Total Operating and Use Related Ownership Costs				156.70	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				25.00	
Real Estate Opportunity^	Dryland (Panhandle) $ 685	per acre @	3.00%	20.55	
Real Estate Taxes	$ 685	per acre @	1.25%	8.56	
Total Cost per Acre Including Overhead				210.81	
Cash Cost per cwt	*^Ownership and RE Opportunity not included in cash costs.*			6.75	
Cost of production per cwt				9.58	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 54-Oats, No Till, 85 bushel Yield
Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Fertilizer	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
2	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
*4	Combine Small Grain (grain head)	85		1.80	2.72	2.88	0.30	13.23	2.33	23.25	
5	Truck	Custom									
	Total for Field Operations			5.90	4.94	2.97	8.89	20.60	11.84	55.13	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
28-0-0	Fertilizer	1	100%	100	lbs N	0.60	60.00	
Oats	Seed	2	100%	2	bushel	11.00	22.00	
10-34-0	Fertilizer	2	100%	6	gallon	3.30	19.80	
Aim 2EC	Herbicide	3	100%	0.5	ounce	7.50	3.75	
NIS	Additive	3	100%	6	ounce	0.20	1.22	
2,4-D Amine	Herbicide	3	100%	1	pint	3.38	3.38	
Haul Grain Bushels	Custom	5	100%	85	bushel	0.15	12.75	
	Crop Insurance					16.00	16.00	
Total Materials & Services							138.90	

* Harvest factor adjustment used on costs

Total listed costs for Field Operations and Materials and Services				194.03	
Interest on Operations Capital	$ 161.60	cash expense @	7.00% for 6.0 mo.	5.66	
Total Operating and Use Related Ownership Costs				199.69	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				16.00	
Real Estate Opportunity^	Dryland (State) $ 4,395	per acre @	3.00%	131.85	
Real Estate Taxes	$ 4,395	per acre @	1.25%	54.94	
Total Cost per Acre Including Overhead				402.48	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			2.80	
Cost of production per bushel				4.74	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 55-Pasture, Grazing, 11 AUM Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 18 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Pivot D 125' Lift w/fertigation	18	ai	20.83	132.51	7.06	8.00	13.40	28.48	210.28	
	Total for Field Operations			20.83	132.51	7.06	8.00	13.40	28.48	210.28	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
28-0-0	Fertilizer	1	100%	220	lbs N	0.60	132.00	
Fence/Water Repairs	Other		100%	1	acre	2.31	2.31	
Fence/Water Repairs	Other		1	1	acre	2.31	2.31	
Move Cattle	Other		1	1	hour	30.00	30.00	
Pasture, Range, & Forage Insurance	Other		100%	1	acre	1.00	1.00	
Total Materials & Services							167.62	

Total listed costs for Field Operations and Materials and Services				377.90	
Interest on Operations Capital	$ 336.02	cash expense @	7.00% for 6.0 mo.	11.76	
Total Operating and Use Related Ownership Costs				389.66	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^	Pivot (Marginal Land) $ 6,070	per acre @	3.00%	182.10	
Real Estate Taxes	$ 6,070	per acre @	1.25%	75.88	
Total Cost per Acre Including Overhead				680.64	
Cash Cost per AUM	*^Ownership and RE Opportunity not included in cash costs.*			41.51	
Cost of production per AUM				61.88	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 56-Peas, Panhandle, No Till, 35 bushel Yield
Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
2	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
*3	Combine Small Grain (grain head)	80		1.69	2.56	2.71	0.28	12.45	2.19	21.89	
4	Truck	Custom									
	Total for Field Operations			4.84	4.46	2.78	8.57	18.23	6.66	45.55	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
Peas with inoculant	Seed	1	100%	3	bushel	28.00	84.00	
Sharpen	Herbicide	2	100%	2	ounce	8.05	16.09	
Glyphosate 5# w/Surfactant	Herbicide	2	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	2	100%	1.7	pound	0.40	0.68	
Haul Grain Bushels	Custom	4	100%	35	bushel	0.15	5.25	
	Crop Insurance					17.00	17.00	
Total Materials & Services							127.27	

* Harvest factor adjustment used on costs

						Your Estimate
Total listed costs for Field Operations and Materials and Services					172.82	
Interest on Operations Capital	$ 147.92	cash expense @	7.00%	for 6.0 mo.	5.18	
Total Operating and Use Related Ownership Costs					178.00	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00	
Real Estate Opportunity^	Dryland (Panhandle)	$ 685	per acre @	3.00%	20.55	
Real Estate Taxes		$ 685	per acre @	1.25%	8.56	
Total Cost per Acre Including Overhead					232.11	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				5.33	
Cost of production per bushel					6.63	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 57-Sorghum-Sudan, Annually Planted, Conventional Tillage, Large Round Bales, 5 ton Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Spray Fertilizer	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
4	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
5	Swath/Condition Hay	1		2.50	1.98	0.96	1.09	3.54	6.09	16.16	
6	Bale Large Round	5	ton	11.46	4.75	0.27	14.20	21.85	18.96	71.49	
7	Move Large Round	5	ton	6.55	3.78	0.15	0.00	12.48	0.85	23.81	
	Total for Field Operations			28.01	17.60	1.95	26.49	65.15	39.86	179.06	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
28-0-0	Fertilizer	2	100%	60	lbs N	0.60	36.00	
Sorghum Sudan	Seed	4	100%	10	pound	0.90	9.00	
Twine Large Round	Other	6	100%	5	ton	1.95	9.75	
Total Materials & Services							54.75	

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					233.81	
Interest on Operations Capital	$ 128.80	cash expense @	7.00%	for 6.0 mo.	4.51	
Total Operating and Use Related Ownership Costs					238.32	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00	
Real Estate Opportunity^	Dryland (State)	$ 4,395	per acre @	3.00%	131.85	
Real Estate Taxes		$ 4,395	per acre @	1.25%	54.94	
Total Cost per Acre Including Overhead					450.11	
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*				42.65	
Cost of production per ton					90.02	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 58-Soybeans, Roundup Ready 2 Yield®, Conventional Tillage, after Corn, 45 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
5	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
6	Aerial Spray	Custom									
7	Aerial Spray	Custom									
*8	Combine Dryland SB - (flex head)	100		2.12	3.20	3.39	0.42	15.56	4.90	29.59	
9	Truck	Custom									
	Total for Field Operations			11.37	10.11	3.99	12.92	45.48	24.53	108.40	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Zidua Pro	Herbicide	3	100%	5.25	ounce	5.00	26.25	
	RR2 Soybeans	Seed	4	100%	1	bag	65.00	65.00	
	Soybean Seed Inoculant	Inoculant	4	100%	1	acre	7.00	7.00	
	Glyphosate 5# w/Surfactant	Herbicide	5	100%	32	ounce	0.13	4.25	
	Select Max	Herbicide	5	100%	6	ounce	1.02	6.09	
	FlexStar GT	Herbicide	5	100%	3	pints	6.88	20.63	
	21-0-0-24S	Additive	5	100%	1.7	pound	0.40	0.68	
	Aerial Spray	Custom	6	20%	1	acre	11.00	2.20	
**	Warrior II/Zeon	Insecticide	6	20%	1.6	ounce	3.20	1.03	
	Aerial Spray	Custom	7	10%	1	acre	11.00	1.10	
	Quilt Xcel	Fungicide	7	10%	10.5	ounce	1.88	1.97	
	Haul Grain Bushels	Custom	9	100%	45	bushel	0.15	6.75	
	Scouting Dryland Soybeans	Scouting		100%	1	acre	10.00	10.00	
		Crop Insurance					38.00	38.00	
	Total Materials & Services							190.95	

* Harvest factor adjustment used on costs ** Insecticide for Aphids and Caterpillars

Total listed costs for Field Operations and Materials and Services				299.35	
Interest on Operations Capital $ 229.34	cash expense @	7.00%	for 6.0 mo.	8.03	
Total Operating and Use Related Ownership Costs				307.38	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				25.00	
Real Estate Opportunity^ Dryland (State)	$ 4,395	per acre @	3.00%	131.85	
Real Estate Taxes	$ 4,395	per acre @	1.25%	54.94	
Total Cost per Acre Including Overhead				519.17	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			7.05	
Cost of production per bushel				11.54	

˜See benefits of soybeans in a corn/soybean rotation

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 59-Soybeans, Roundup Ready 2 Yield®, No Till, after Corn, 50 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	0.8		0.76	0.25	0.02	0.89	1.27	1.61	4.80	
2	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
5	Aerial Spray	Custom									
6	Aerial Spray	Custom									
*7	Combine Dryland SB - (flex head)	100		2.12	3.20	3.39	0.42	15.56	4.90	29.59	
8	Truck	Custom									
	Total for Field Operations			7.78	5.43	3.51	10.09	25.25	19.67	71.73	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	80%	32	ounce	0.13	3.40	
**	2,4-D Ester LV4	Herbicide	1	80%	1	pint	4.50	3.60	
	21-0-0-24S	Additive	1	80%	1.7	pound	0.40	0.54	
	Authority DF	Herbicide	2	100%	16	ounce	2.50	40.00	
	Glyphosate 5# w/Surfactant	Herbicide	2	100%	32	ounce	0.13	4.25	
	21-0-0-24S	Additive	2	100%	1.7	pound	0.40	0.68	
	RR2 Soybeans	Seed	3	100%	1	bag	65.00	65.00	
	Soybean Seed Inoculant	Inoculant	3	100%	1	acre	7.00	7.00	
	Glyphosate 5# w/Surfactant	Herbicide	4	100%	32	ounce	0.13	4.25	
	Select Max	Herbicide	4	100%	6	ounce	1.02	6.09	
	Warrant Ultra	Herbicide	4	100%	48	ounce	0.50	24.00	
	21-0-0-24S	Additive	4	100%	1.7	pound	0.40	0.68	
	Aerial Spray	Custom	5	20%	1	acre	11.00	2.20	
***	Warrior II/Zeon	Insecticide	5	20%	1.6	ounce	3.20	1.03	
	Aerial Spray	Custom	6	10%	1	acre	11.00	1.10	
	Aproach Prima	Fungicide	6	10%	5	ounce	2.34	1.17	
	Haul Grain Bushels	Custom	8	100%	50	bushel	0.15	7.50	
	Scouting Dryland Soybeans	Scouting		100%	1	acre	10.00	10.00	
		Crop Insurance					38.00	38.00	
	Total Materials & Services							220.49	

* Harvest factor adjustment used on costs ** Minimum 7 days prior to planting ***Insecticide for Aphids and Caterpillars

					Total	Your Estimate
Total listed costs for Field Operations and Materials & Services					292.22	
Interest on Operations Capital	$ 247.30	cash expense @	7.00%	for 6.0 mo.	8.66	
Total Operating and Use Related Ownership Costs					300.88	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00	
Real Estate Opportunity^	Dryland (State)	$ 4,395	per acre @	3.00%	131.85	
Real Estate Taxes		$ 4,395	per acre @	1.25%	54.94	
Total Cost per Acre Including Overhead					512.67	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				6.72	
Cost of production per bushel					10.25	

˜See benefits of soybeans in a corn/soybean rotation

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 60-Soybeans, Roundup Ready 2 Yield®, No Till, Continuous, 45 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Aerial Spray	Custom									
5	Aerial Spray	Custom									
*6	Combine Dryland SB - (flex head)	100		2.12	3.20	3.39	0.42	15.56	4.90	29.59	
7	Truck	Custom									
	Total for Field Operations			7.02	5.18	3.49	9.20	23.98	18.06	66.93	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Fierce MTZ	Herbicide	1	100%	1.25	pint	36.25	45.31	
**	2,4-D Ester LV4	Herbicide	1	100%	1	pint	4.50	4.50	
	Glyphosate 5# w/Surfactant	Herbicide	1	100%	32	ounce	0.13	4.25	
	21-0-0-24S	Additive	1	100%	1.7	pound	0.40	0.68	
	RR2 Soybeans	Seed	2	100%	1	bag	65.00	65.00	
	Soybean Seed Inoculant	Inoculant	2	100%	1	acre	7.00	7.00	
	FlexStar GT	Herbicide	3	100%	3	pint	6.88	20.63	
	21-0-0-24S	Additive	3	100%	1.7	pound	0.40	0.68	
	Aerial Spray	Custom	4	20%	1	acre	11.00	2.20	
***	Warrior II/Zeon	Insecticide	4	20%	1.6	ounce	3.20	1.03	
	Aerial Spray	Custom	5	10%	1	acre	11.00	1.10	
	Lucento	Fungicide	5	10%	3	ounce	5.08	1.52	
	Haul Grain Bushels	Custom	7	100%	45	bushel	0.15	6.75	
	Scouting Dryland Soybeans	Scouting		100%	1	acre	10.00	10.00	
		Crop Insurance					38.00	38.00	
	Total Materials & Services							208.65	

* Harvest factor adjustment used on costs ** Minimum 7 days prior to planting ***Insecticide for Aphids and Caterpillars

					Amount	Your Estimate
Total listed costs for Field Operations and Materials and Services					275.58	
Interest on Operations Capital	$ 233.54	cash expense @	7.00%	for 6.0 mo.	8.17	
Total Operating and Use Related Ownership Costs					283.75	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00	
Real Estate Opportunity^	Dryland (State)	$ 4,395	per acre @	3.00%	131.85	
Real Estate Taxes		$ 4,395	per acre @	1.25%	54.94	
Total Cost per Acre Including Overhead					495.54	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				7.15	
Cost of production per bushel					11.01	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 61-Soybeans, Roundup Ready 2 Yield®, Conventional Tillage, after Corn, 67 bushel Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 9 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
5	Pivot D 125' Lift	9	ai	7.81	66.26	3.53	23.86	6.70	13.10	121.26	
6	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
7	Aerial Spray	Custom									
8	Aerial Spray	Custom									
*9	Combine Irr SB (flex head)	150		3.17	4.81	5.08	0.63	23.35	7.35	44.39	
10	Truck	Custom									
	Total for Field Operations			20.23	77.98	9.21	36.99	59.97	40.08	244.46	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Authority Supreme	Herbicide	3	100%	6	ounce	4.92	29.53	
	RR2 Soybeans	Seed	4	100%	1	bag	65.00	65.00	
	Soybean Seed Inoculant	Inoculant	4	100%	1	acre	7.00	7.00	
	Glyphosate 5# w/Surfactant	Herbicide	6	100%	32	ounce	0.13	4.25	
	Select Max	Herbicide	6	100%	6	ounce	1.02	6.09	
	Warrant Ultra	Herbicide	6	100%	48	ounce	0.50	24.00	
	21-0-0-24S	Additive	6	100%	1.7	pound	0.40	0.68	
	Aerial Spray	Custom	7	20%	1	acre	11.00	2.20	
**	Warrior II/Zeon	Insecticide	7	20%	1.6	ounce	3.20	1.03	
	Aerial Spray	Custom	8	30%	1	acre	11.00	3.30	
	Priaxor	Fungicide	8	30%	4	ounce	4.38	5.25	
	Haul Grain Bushels	Custom	10	100%	67	bushel	0.15	10.05	
	Scouting Irrigated Soybeans	Scouting		100%	1	acre	13.00	13.00	
		Crop Insurance					11.00	11.00	
	Total Materials & Services							182.38	

* Harvest factor adjustment used on costs **Insecticide for Aphids and Caterpillars

Total listed costs for Field Operations and Materials and Services					426.84
Interest on Operations Capital	$ 326.79	cash expense @	7.00%	for 6.0 mo.	11.44
Total Operating and Use Related Ownership Costs					438.28
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00
Real Estate Opportunity^	Pivot (State)	$ 8,760	per acre @	3.00%	262.80
Real Estate Taxes		$ 8,760	per acre @	1.25%	109.50
Total Cost per Acre Including Overhead					843.58
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				7.18
Cost of production per bushel					12.59

˜See benefits of soybeans in a corn/soybean rotation

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 62-Soybeans, Roundup Ready 2 Yield®, Ridge Till, after Corn, 70 bushel Yield
Gravity Irrigated Diesel, fed by a well, 12 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	0.75		0.71	0.24	0.01	0.83	1.19	1.51	4.49	
2	Ridge Plant and Band Herbicide	1		3.00	1.35	0.31	6.87	13.58	4.25	29.36	
3	Ridge Cultivation	1		2.50	2.12	0.31	1.87	13.58	5.18	25.56	
4	Ridge Cultivate/Ditch	1		2.75	2.12	0.31	1.87	13.58	5.18	25.81	
5	Pipe D 125' Lift	12	ai	27.78	64.11	3.76	1.68	8.43	2.73	108.49	
6	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
7	Aerial Spray	Custom									
8	Aerial Spray	Custom									
*9	Combine Irr SB (flex head)	150		3.17	4.81	5.08	0.63	23.35	7.35	44.39	
10	Truck	Custom									
	Total for Field Operations			40.86	75.07	9.80	14.86	75.30	28.22	244.11	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	75%	32	ounce	0.13	3.19	
**	2,4-D Ester LV4	Herbicide	1	75%	1	pint	4.50	3.38	
	21-0-0-24S	Additive	1	75%	1.7	pound	0.40	0.51	
	Zidua Pro	Herbicide	2	33%	5.25	ounce	5.00	8.66	
	RR2 Soybeans	Seed	2	100%	1	bag	65.00	65.00	
	Soybean Seed Inoculant	Inoculant	2	100%	1	acre	7.00	7.00	
	Glyphosate 5# w/Surfactant	Herbicide	6	50%	32	ounce	0.13	2.13	
	21-0-0-24S	Additive	6	50%	1.7	pound	0.40	0.34	
	Select Max	Herbicide	6	75%	6	ounce	1.02	4.57	
	FlexStar GT	Herbicide	6	100%	3	pints	6.88	20.63	
	Crop Oil Concentrate	Additive	6	100%	2	pint	1.63	3.25	
	Aerial Spray	Custom	7	20%	1	acre	11.00	2.20	
***	Warrior II/Zeon	Insecticide	7	20%	1.6	ounce	3.20	1.03	
	Aerial Spray	Custom	8	30%	1	acre	11.00	3.30	
	Stratego YLD	Fungicide	8	30%	4	ounce	5.47	6.56	
	Haul Grain Bushels	Custom	10	100%	70	bushel	0.15	10.50	
	Scouting Irrigated Soybeans	Scouting		1	1	acre	13.00	13.00	
		Crop Insurance					11.00	11.00	
	Total Materials & Services							166.25	

* Harvest factor adjustment used on costs ** Minimum 7 days prior to planting ***Insecticide for Aphids and Caterpillars

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					410.36	
Interest on Operations Capital	$ 306.84	cash expense @	7.00%	for 6.0 mo.	10.74	
Total Operating and Use Related Ownership Costs					421.10	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Gravity (State)	$ 7,905	per acre @	3.00%	237.15	
Real Estate Taxes		$ 7,905	per acre @	1.25%	98.81	
Total Cost per Acre Including Overhead					790.06	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				6.42	
Cost of production per bushel					11.29	

˜See benefits of soybeans in a corn/soybean rotation

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 63-Soybeans, Roundup Ready 2 Xtend® Treated, No Till, Narrow Row after Corn, 75 bushel Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 6 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Plant Narrow Row	1		3.00	1.02	0.06	10.25	5.24	6.08	25.65	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Aerial Spray	Custom									
5	Aerial Spray	Custom									
6	Pivot D 125' Lift	6	ai	5.21	44.17	2.35	15.91	4.47	8.73	80.84	
*7	Combine Irr SB (flex head)	150		3.17	4.81	5.08	0.63	23.35	7.35	44.39	
8	Truck	Custom									
	Total for Field Operations			13.28	50.64	7.53	29.01	36.24	26.20	162.90	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	75%	32	ounce	0.13	3.19	
	Engenia	Herbicide	1	75%	12.8	ounce	1.25	12.00	
	21-0-0-24S	Additive	1	75%	1.7	pound	0.40	0.51	
	Authority DF	Herbicide	1	100%	16	ounce	2.50	40.00	
	RR2 Soybeans Xtend Treated	Seed	2	100%	1	bag	80.00	80.00	
	Soybean Seed Inoculant	Inoculant	2	100%	1	acre	7.00	7.00	
	Engenia	Herbicide	3	100%	12.8	ounce	1.25	16.00	
	Glyphosate 5# w/Surfactant	Herbicide	3	100%	32	ounce	0.13	4.25	
	Select Max	Herbicide	3	100%	6	ounce	1.02	6.09	
	Approved adjuvant	Additive	3	100%	1	acre	2.25	2.25	
	Aerial Spray	Custom	4	20%	1	acre	11.00	2.20	
**	Warrior II/Zeon	Insecticide	4	20%	1.6	ounce	3.20	1.03	
	Aerial Spray	Custom	5	40%	1	acre	11.00	4.40	
	Miravis Top	Fungicide	5	40%	13.7	ounce	1.64	8.99	
	Haul Grain Bushels	Custom	8	100%	75	bushel	0.15	11.25	
	Scouting Irrigated Soybeans	Scouting		100%	1	acre	13.00	13.00	
		Crop Insurance					11.00	11.00	
	Total Materials & Services							223.16	

* Harvest factor adjustment used on costs

** Insecticide for Aphids and Caterpillars

Total listed costs for Field Operations and Materials and Services					386.06
Interest on Operations Capital	$ 323.62	cash expense @	7.00%	for 6.0 mo.	11.33
Total Operating and Use Related Ownership Costs					397.39
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00
Real Estate Opportunity^	Pivot (State)	$ 8,760	per acre @	3.00%	262.80
Real Estate Taxes		$ 8,760	per acre @	1.25%	109.50
Total Cost per Acre Including Overhead					802.69
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				6.37
Cost of production per bushel					10.70

˜See benefits of soybeans in a corn/soybean rotation

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 64-Soybeans, Roundup Ready 2 Yield® Treated, No Till, Narrow Row, Continuous, 64 bushel Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 6 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Plant Narrow Row	1		3.00	1.02	0.06	10.25	5.24	6.08	25.65	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Aerial Spray	Custom									
5	Aerial Spray	Custom									
6	Pivot D 125' Lift	6	ai	5.21	44.17	2.35	15.91	4.47	8.73	80.84	
*7	Combine Irr SB (flex head)	135		2.86	4.33	4.58	0.56	21.01	6.62	39.95	
8	Truck	Custom									
	Total for Field Operations			12.97	50.16	7.03	28.94	33.90	25.47	158.46	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	80%	32	ounce	0.13	3.40	
**	2,4-D Ester LV4	Herbicide	1	80%	1	pint	4.50	3.60	
	21-0-0-24S	Additive	1	80%	1.7	pound	0.40	0.54	
	Fierce MTZ	Herbicide	1	100%	1.25	pint	36.25	45.31	
	RR2 Soybeans Treated	Seed	2	100%	1	bag	78.00	78.00	
	Soybean Seed Inoculant	Inoculant	2	100%	1	acre	7.00	7.00	
	Roundup PowerMax 3	Herbicide	3	100%	32	ounce	0.20	6.25	
	Warrant	Herbicide	3	100%	3	pints	2.88	8.63	
	21-0-0-24S	Additive	3	100%	1.7	pound	0.40	0.68	
	Aerial Spray	Custom	4	20%	1	acre	11.00	2.20	
***	Warrior II/Zeon	Insecticide	4	20%	1.6	ounce	3.20	1.03	
	Aerial Spray	Custom	5	40%	1	acre	11.00	4.40	
	Lucento	Fungicide	5	40%	3	ounce	5.08	6.09	
	Haul Grain Bushels	Custom	8	100%	64	bushel	0.15	9.60	
	Scouting Irrigated Soybeans	Scouting		100%	1	acre	13.00	13.00	
		Crop Insurance					11.00	11.00	
	Total Materials & Services							200.73	

* Harvest factor adjustment used on costs   ** Minimum 7 days prior to planting   ***Insecticide for Aphids and Caterpillars

Total listed costs for Field Operations and Materials and Services					359.19	
Interest on Operations Capital	$ 299.82	cash expense @	7.00%	for 6.0 mo.	10.49	
Total Operating and Use Related Ownership Costs					369.68	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Pivot (State)	$ 8,760	per acre @	3.00%	262.80	
Real Estate Taxes		$ 8,760	per acre @	1.25%	109.50	
Total Cost per Acre Including Overhead					774.98	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				7.08	
Cost of production per bushel					12.11	

˜Cost to replace P_2O_5 - 0.8 lbs/bushel of yield produced

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 65-Soybeans, LibertyLink® Treated, No Till Drilled 7.5-inch Rows, after Corn, 78 bushel Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 6 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Aerial Spray	Custom									
5	Aerial Spray	Custom									
6	Pivot D 125' Lift	6	ai	5.21	44.17	2.35	15.91	4.47	8.73	80.84	
*7	Combine Irr SB (flex head)	156		3.30	5.00	5.29	0.65	24.28	7.65	46.16	
8	Truck	Custom									
	Total for Field Operations			12.61	51.39	7.73	25.96	36.12	22.87	156.67	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	80%	32	ounce	0.13	3.40	
**	2,4-D Ester LV4	Herbicide	1	80%	1	pint	4.50	3.60	
	21-0-0-24S	Additive	1	80%	1.7	pound	0.40	0.54	
	Zidua Pro	Herbicide	1	100%	5.25	ounce	5.00	26.25	
	Soybeans - LiberyLink Treated	Seed	2	100%	1	k seed	78.00	78.00	
	Soybean Seed Inoculant	Inoculant	2	100%	1	acre	7.00	7.00	
	Liberty 280	Herbicide	3	100%	43	ounce	0.63	26.88	
	AMS	Additive	3	100%	48	ounce	0.03	1.20	
	Select Max	Herbicide	3	100%	6	ounce	1.02	6.09	
	Approved adjuvant	Additive	3	100%	1	acre	2.25	2.25	
	Aerial Spray	Custom	4	20%	1	acre	11.00	2.20	
***	Warrior II/Zeon	Insecticide	4	20%	1.6	ounce	3.20	1.03	
	Aerial Spray	Custom	5	50%	1	acre	11.00	5.50	
	Stratego YLD	Fungicide	5	50%	4	ounce	5.47	10.94	
	Haul Grain Bushels	Custom	8	100%	78	bushel	0.15	11.70	
	Scouting Irrigated Soybeans	Scouting		100%	1	acre	13.00	13.00	
		Crop Insurance					11.00	11.00	
	Total Materials & Services							210.58	

* Harvest factor adjustment used on costs ** Minimum 7 days prior to planting ***Insecticide for Aphids and Caterpillars

Total listed costs for Field Operations and Materials and Services						367.25
Interest on Operations Capital	$ 308.27		cash expense @	7.00%	for 6.0 mo.	10.79
Total Operating and Use Related Ownership Costs						378.04
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)						33.00
Real Estate Opportunity^	Pivot (State)	$ 8,760	per acre @	3.00%		262.80
Real Estate Taxes		$ 8,760	per acre @	1.25%		109.50
Total Cost per Acre Including Overhead						783.34
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*					5.92
Cost of production per bushel						10.04

˜See benefits of soybeans in a corn/soybean rotation

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 66-Soybeans, Enlist E3™ Treated, No Till Drilled 7.5-inch Rows, after Corn, 78 bushel Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 6 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Aerial Spray	Custom									
5	Aerial Spray	Custom									
6	Pivot D 125' Lift	6	ai	5.21	44.17	2.35	15.91	4.47	8.73	80.84	
*7	Combine Irr SB (flex head)	156		3.30	5.00	5.29	0.65	24.28	7.65	46.16	
8	Truck	Custom									
	Total for Field Operations			12.61	51.39	7.73	25.96	36.12	22.87	156.67	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	80%	32	ounce	0.13	3.40	
	Enlist One	Herbicide	1	80%	1.5	pint	8.75	10.50	
	21-0-0-24S	Additive	1	80%	1.7	pound	0.40	0.54	
	Authority Supreme	Herbicide	1	100%	6	ounce	4.92	29.53	
	Soybeans Enlist E3 Treated	Seed	2	100%	1	k seed	78.00	78.00	
	Soybean Seed Inoculant	Inoculant	2	100%	1	acre	7.00	7.00	
	Enlist DUO	Herbicide	3	100%	76	ounce	0.43	32.66	
	Liberty 280	Herbicide	3	50%	43	ounce	0.63	13.44	
	Select Max	Herbicide	3	100%	6	ounce	1.02	6.09	
	Approved adjuvant	Additive	3	100%	1	acre	2.25	2.25	
	Aerial Spray	Custom	4	20%	1	acre	11.00	2.20	
**	Warrior II/Zeon	Insecticide	4	20%	1.6	ounce	3.20	1.03	
	Aerial Spray	Custom	5	50%	1	acre	11.00	5.50	
	Trivapro	Fungicide	5	50%	13.7	ounce	1.76	12.04	
	Haul Grain Bushels	Custom	8	100%	78	bushel	0.15	11.70	
	Scouting Irrigated Soybeans	Scouting		100%	1	acre	13.00	13.00	
		Crop Insurance					11.00	11.00	
	Total Materials & Services							239.88	

* Harvest factor adjustment used on costs

** Insecticide for Aphids and Caterpillars

Total listed costs for Field Operations and Materials and Services					396.55
Interest on Operations Capital	$ 337.57	cash expense @	7.00%	for 6.0 mo.	11.81
Total Operating and Use Related Ownership Costs					408.36
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00
Real Estate Opportunity^	Pivot (State)	$ 8,760	per acre @	3.00%	262.80
Real Estate Taxes		$ 8,760	per acre @	1.25%	109.50
Total Cost per Acre Including Overhead					813.66
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				6.31
Cost of production per bushel					10.43

˜See benefits of soybeans in a corn/soybean rotation

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 67-Soybeans, Roundup Ready 2 Xtend® Treated, No Till Drilled 7.5-inch Rows, after Corn, 78 bushel Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 6 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Burndown Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Aerial Spray	Custom									
5	Aerial Spray	Custom									
6	Pivot D 125' Lift	6	ai	5.21	44.17	2.35	15.91	4.47	8.73	80.84	
*7	Combine Irr SB (flex head)	156		3.30	5.00	5.29	0.65	24.28	7.65	46.16	
8	Truck	Custom									
	Total for Field Operations			12.61	51.39	7.73	25.96	36.12	22.87	156.67	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	80%	32	ounce	0.13	3.40	
	XtendiMax	Herbicide	1	80%	22	ounce	0.59	10.31	
	21-0-0-24S	Additive	1	80%	1.7	pound	0.40	0.54	
	Zidua Pro	Herbicide	1	100%	5.25	ounce	5.00	26.25	
	RR2 Soybeans Xtend Treated	Seed	2	100%	1	bag	80.00	80.00	
	Soybean Seed Inoculant	Inoculant	2	100%	1	acre	7.00	7.00	
	XtendiMax	Herbicide	3	100%	22	ounce	0.59	12.89	
	Glyphosate 5# w/Surfactant	Herbicide	3	100%	32	ounce	0.13	4.25	
	Select Max	Herbicide	3	100%	6	ounce	1.02	6.09	
	Approved adjuvant	Additive	3	100%	1	acre	2.25	2.25	
	Aerial Spray	Custom	4	20%	1	acre	11.00	2.20	
**	Warrior II/Zeon	Insecticide	4	20%	1.6	ounce	3.20	1.03	
	Aerial Spray	Custom	5	50%	1	acre	11.00	5.50	
	Revytek	Fungicide	5	50%	8	ounce	3.67	14.69	
	Haul Grain Bushels	Custom	8	100%	78	bushel	0.15	11.70	
	Scouting Irrigated Soybeans	Scouting		100%	1	acre	13.00	13.00	
		Crop Insurance					11.00	11.00	
	Total Materials & Services							212.10	

* Harvest factor adjustment used on costs   ** Insecticide for Aphids and Caterpillars

					Your Estimate
Total listed costs for Field Operations and Materials and Services				368.77	
Interest on Operations Capital $ 309.79	cash expense @	7.00%	for 6.0 mo.	10.84	
Total Operating and Use Related Ownership Costs				379.61	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^ — Pivot (State)	$ 8,760	per acre @	3.00%	262.80	
Real Estate Taxes	$ 8,760	per acre @	1.25%	109.50	
Total Cost per Acre Including Overhead				784.91	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*			5.94	
Cost of production per bushel				10.06	

˜See benefits of soybeans in a corn/soybean rotation

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 68-Sugarbeet, Roundup Ready®, Panhandle, One Pass Zone-Tillage, 30 ton Yield
Gravity Irrigated, fed by canal, 20 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Spray Fertilizer	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Spray Herbicide	Custom									
4	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
5	Rotary Hoe	1		1.88	0.99	0.04	0.42	3.58	1.44	8.35	
6	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
7	Ridge Cultivate/Ditch	1		2.75	2.12	0.31	1.87	13.58	5.18	25.81	
8	Spray Herbicide	Custom									
9	Ditch Irrigation	20	ai	27.78	0.00	7.84	0.00	17.57	0.00	53.19	
10	Spray Herbicide	Custom									
11	Aerial Spray	Custom									
12	Aerial Spray	Custom									
13	Top Beets	1		4.32	2.40	0.11	8.45	9.06	5.06	29.40	
14	Lift Beets	1		4.58	4.09	0.52	32.43	22.63	12.08	76.33	
15	Truck	Custom									
16	Subsoil / One-pass Tillage	1		2.78	3.64	0.35	4.1	15.09	5.8	31.76	
		Total for Field Operatior		53.06	18.92	9.6	56.52	105.56	51.25	294.91	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
10-34-0	Fertilizer	2	100%	13.4	gallon	3.30	44.22	
28-0-0	Fertilizer	2	100%	125	lbs N	0.60	75.00	
Spray	Custom	3, 8, 10	300%	1	acre	9.00	27.00	
Nortron SC	Herbicide	3	100%	48	ounce	1.02	48.75	
Glyphosate 5# w/Surfactant	Herbicide	3	100%	36	ounce	0.13	4.78	
21-0-0-24S	Additive	3	100%	1.7	pound	0.40	0.68	
Sugar Beets RR Poncho	Seed	4	100%	1	acre	200.00	200.00	
Glyphosate 5# w/Surfactant	Herbicide	8	100%	36	ounce	0.13	4.78	
Outlook	Herbicide	8	100%	13	ounce	1.45	18.79	
21-0-0-24S	Additive	8	100%	1.7	pound	0.40	0.68	
Irrigation District O&M Charge	Other	9	100%	1	acre	40.00	40.00	
Glyphosate 5# w/Surfactant	Herbicide	10	100%	36	ounce	0.13	4.78	
Dual Magnum	Herbicide	10	100%	1	pint	10.00	10	
21-0-0-24S	Additive	10	100%	1.7	pound	0.40	0.68	
Aerial Spray	Custom	11	100%	1	acre	11.00	11.00	
Quadris	Fungicide	11	100%	7	ounce	1.95	13.67	
Aerial Spray	Custom	12	50%	1	acre	11.00	5.50	
Proline 480 SC	Fungicide	12	50%	5	ounce	6.02	15.04	
Haul Beets	Custom	15	100%	30	ton	6.00	180.00	
Scouting Sugar Beets	Scouting		100%	1	acre	19.00	19.00	
	Crop Insurance					54.00	54.00	
Total Materials & Services							778.35	

Total listed costs for Field Operations and Materials and Services				1073.26	
Interest on Operations Capital	$ 916.45	cash expense @	7.00% for 6.0 mo.	32.08	
Total Operating and Use Related Ownership Costs				1105.34	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^	Gravity (Panhandle)	$ 3,545 per acre @	3.00%	106.35	
Real Estate Taxes		$ 3,545 per acre @	1.25%	44.31	
Total Cost per Acre Including Overhead				1289.00	
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*			34.19	
Cost of production per ton				42.97	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 69-Sugarbeet, Roundup Ready®, Panhandle, Conventional Tillage, 30 ton Yield
Gravity Irrigated, fed by canal, 20 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Spray Fertilizer	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Spray Herbicide	Custom									
4	Plow	1		4.30	3.72	0.49	2.49	21.22	1.14	33.36	
5	Roller Harrow	1		2.50	1.98	0.06	1.16	5.24	3.36	14.30	
6	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
7	Field Cultivation	2		3.67	4.34	0.42	4.90	18.11	5.56	37.00	
8	Ridge Cultivate/Ditch	1		2.75	2.12	0.31	1.87	13.58	5.18	25.81	
9	Spray Herbicide	Custom									
10	Ditch Irrigation	20	ai	27.78	0.00	7.84	0.00	17.57	0.00	53.19	
11	Spray Herbicide	Custom									
12	Aerial Spray	Custom									
13	Aerial Spray	Custom									
14	Top Beets	1		4.32	2.40	0.11	8.45	9.06	5.06	29.40	
15	Lift Beets	1		4.58	4.09	0.52	32.43	22.63	12.08	76.33	
16	Truck	Custom									
17	Subsoil / One-pass Tillage	1		2.78	3.64	0.35	4.10	15.09	5.80	31.76	
	Total for Field Operations			59.15	26.71	10.47	63.53	141.78	56.03	357.67	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
10-34-0	Fertilizer	2	100%	13.4	gallon	3.30	44.22	
28-0-0	Fertilizer	2	100%	125	lbs N	0.60	75.00	
Spray	Custom	3, 9, & 11	300%	1	acre	9.00	27.00	
Nortron SC	Herbicide	3	100%	48	ounce	1.02	48.75	
Glyphosate 5# w/Surfactant	Herbicide	3	100%	36	ounce	0.13	4.78	
21-0-0-24S	Additive	3	100%	1.7	pound	0.40	0.68	
Sugar Beets RR Poncho	Seed	6	100%	1	acre	200.00	200.00	
Glyphosate 5# w/Surfactant	Herbicide	9	100%	36	ounce	0.13	4.78	
Outlook	Herbicide	9	100%	13	ounce	1.45	18.79	
21-0-0-24S	Additive	9	100%	1.7	pound	0.40	0.68	
Irrigation District O&M Charge	Other	10	100%	1	acre	40.00	40.00	
Glyphosate 5# w/Surfactant	Herbicide	11	100%	36	ounce	0.13	4.78	
Dual Magnum	Herbicide	11	100%	1	pint	10.00	10.00	
21-0-0-24S	Additive	11	100%	1.7	pound	0.40	0.68	
Aerial Spray	Custom	12	100%	1	acre	11.00	11.00	
Quadris	Fungicide	12	100%	7	ounce	1.95	13.67	
Aerial Spray	Custom	13	50%	1	acre	11.00	5.50	
Proline 480 SC	Fungicide	13	50%	5	ounce	6.02	15.04	
Haul Beets	Custom	16	100%	30	ton	6.00	180.00	
Scouting Sugar Beets	Scouting		100%	1	acre	19.00	19.00	
	Crop Insurance					54.00	54.00	
Total Materials & Services							778.35	

Total listed costs for Field Operations and Materials and Services				1136.02	
Interest on Operations Capital $ 938.21	cash expense @	7.00%	for 6.0 mo.	32.84	
Total Operating and Use Related Ownership Costs				1168.86	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^ — Gravity (Panhandle)	$ 3,545	per acre @	3.00%	106.35	
Real Estate Taxes	$ 3,545	per acre @	1.25%	44.31	
Total Cost per Acre Including Overhead				1352.52	
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*			34.95	
Cost of production per ton				45.08	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 70-Sugarbeet, Roundup Ready®, Panhandle, One Pass Zone-Tillage, 30 ton Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 16 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Spray Fertilizer	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Spray Herbicide	Custom									
4	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
5	Row Crop Cultivation	1		2.50	1.26	0.06	1.12	4.77	3.84	13.55	
6	Spray Herbicide	Custom									
7	Pivot D 125' Lift	16	ai	13.89	117.79	6.27	42.42	11.91	23.29	215.57	
8	Spray Herbicide	Custom									
9	Aerial Spray	Custom									
10	Aerial Spray	Custom									
11	Top Beets	1		4.32	2.40	0.11	8.45	9.06	5.06	29.40	
12	Lift Beets	1		4.58	4.09	0.52	32.43	22.63	12.08	76.33	
13	Truck	Custom									
14	Subsoil / One-pass Tillage	1		2.78	3.64	0.35	4.10	15.09	5.80	31.76	
	Total for Field Operations			34.54	133.60	7.68	96.65	82.74	67.92	423.13	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
10-34-0	Fertilizer	2	100%	13.4	gallon	3.30	44.22	
28-0-0	Fertilizer	2	100%	125	lbs N	0.60	75.00	
Spray	Custom	3, 6, and 8	300%	1	acre	9.00	27.00	
Nortron SC	Herbicide	3	100%	48	ounce	1.02	48.75	
Glyphosate 5# w/Surfactant	Herbicide	3	100%	36	ounce	0.13	4.78	
21-0-0-24S	Additive	3	100%	1.7	pound	0.40	0.68	
Sugar Beets RR Poncho	Seed	4	100%	1	acre	200.00	200.00	
Glyphosate 5# w/Surfactant	Herbicide	6	100%	36	ounce	0.13	4.78	
Outlook	Herbicide	6	100%	13	ounce	1.45	18.79	
21-0-0-24S	Additive	6	100%	1.7	pound	0.40	0.68	
Glyphosate 5# w/Surfactant	Herbicide	8	100%	36	ounce	0.13	4.78	
Dual Magnum	Herbicide	8	100%	1	pint	10.00	10.00	
21-0-0-24S	Additive	8	100%	1.7	pound	0.40	0.68	
Aerial Spray	Custom	9	100%	1	acre	11.00	11.00	
Quadris	Fungicide	9	100%	7	ounce	1.95	13.67	
Aerial Spray	Custom	10	50%	1	acre	11.00	5.50	
Proline 480 SC	Fungicide	10	50%	5	ounce	6.02	15.04	
Haul Beets	Custom	13	100%	30	ton	6.00	180.00	
Scouting Sugar Beets	Scouting		100%	1	acre	19.00	19.00	
	Crop Insurance					54.00	54.00	
Total Materials & Services							738.35	

Total listed costs for Field Operations and Materials and Services				1161.48	
Interest on Operations Capital	$1,010.82	cash expense @	7.00% for 6.0 mo.	35.38	
Total Operating and Use Related Ownership Costs				1196.86	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)				33.00	
Real Estate Opportunity^	Pivot (Panhandle)	$ 3,915 per acre @	3.00%	117.45	
Real Estate Taxes		$ 3,915 per acre @	1.25%	48.94	
Total Cost per Acre Including Overhead				1396.25	
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*			37.60	
Cost of production per ton				46.54	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 71-Sugarbeet, Roundup Ready®, Panhandle, Conventional Tillage, 30 ton Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 16 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Spray Fertilizer	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Plow	1		4.30	3.72	0.49	2.49	21.22	1.14	33.36	
4	Roller Harrow	1		2.50	1.98	0.06	1.16	5.24	3.36	14.30	
5	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
6	Spray Herbicide	Custom									
7	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
8	Pivot D 125' Lift	16	ai	13.89	117.79	6.27	42.42	11.91	23.29	215.57	
9	Spray Herbicide	Custom									
10	Aerial Spray	Custom									
11	Aerial Spray	Custom									
12	Top Beets	1		4.32	2.40	0.11	8.45	9.06	5.06	29.40	
13	Lift Beets	1		4.58	4.09	0.52	32.43	22.63	12.08	76.33	
14	Truck	Custom									
15	Subsoil / One-pass Tillage	1		2.78	3.64	0.35	4.10	15.09	5.80	31.76	
	Total for Field Operations			40.67	140.21	8.38	101.63	113.48	71.36	475.73	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
10-34-0	Fertilizer	2	100%	13.4	gallon	3.30	44.22	
28-0-0	Fertilizer	2	100%	125	lbs N	0.60	75.00	
Spray	Custom	6 & 9	200%	1	acre	9.00	18.00	
Glyphosate 5# w/Surfactant	Herbicide	6	100%	36	ounce	0.13	4.78	
Outlook	Herbicide	6	100%	13	ounce	1.45	18.79	
21-0-0-24S	Additive	6	100%	1.7	pound	0.40	0.68	
Sugar Beets RR Poncho	Seed	5	100%	1	acre	200.00	200.00	
Glyphosate 5# w/Surfactant	Herbicide	9	100%	36	ounce	0.13	4.78	
Dual Magnum	Herbicide	9	100%	1	pint	10.00	10.00	
21-0-0-24S	Additive	9	100%	1.7	pound	0.40	0.68	
Aerial Spray	Custom	10	100%	1	acre	11.00	11.00	
Quadris	Fungicide	10	100%	7	ounce	1.95	13.67	
Aerial Spray	Custom	11	50%	1	acre	11.00	5.50	
Proline 480 SC	Fungicide	11	50%	5	ounce	6.02	15.04	
Haul Beets	Custom	14	100%	30	ton	6.00	180.00	
Scouting Sugar Beets	Scouting		100%	1	acre	19.00	19.00	
	Crop Insurance					54.00	54.00	
Total Materials & Services							675.14	

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					1150.87	
Interest on Operations Capital	$ 966.03	cash expense @	7.00%	for 6.0 mo.	33.81	
Total Operating and Use Related Ownership Costs					1184.68	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Pivot (Panhandle)	$ 3,915	per acre @	3.00%	117.45	
Real Estate Taxes		$ 3,915	per acre @	1.25%	48.94	
Total Cost per Acre Including Overhead					1384.07	
Cash Cost per ton	*^Ownership and RE Opportunity not included in cash costs.*				36.06	
Cost of production per ton					46.14	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 72-Sunflower, Clearfield, Panhandle, No Till, Following Corn or Grain Sorghum, 13 cwt Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Fertilizer and Herbicide	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
2	Spray Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Spray Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
5	Aerial Spray	Custom									
*6	Combine - Sunflower head	100		2.12	3.20	3.39	0.35	15.56	4.11	28.73	
7	Truck	Custom									
	Total for Field Operations			7.01	5.18	3.49	8.31	23.97	20.29	68.25	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	100%	32	ounce	0.13	4.25	
	21-0-0-24S	Additive	1	100%	1.7	pound	0.40	0.68	
	Prowl H2O	Herbicide	1	100%	2	pint	7.50	15.00	
	28-0-0	Fertilizer	1	100%	50	lbs N	0.60	30.00	
	Spartan 4F	Herbicide	1	100%	5	ounce	2.19	10.94	
	Glyphosate 5# w/Surfactant	Herbicide	2	50%	32	ounce	0.13	2.13	
	21-0-0-24S	Additive	2	50%	1.7	pound	0.40	0.34	
	Prowl H2O	Herbicide	2	50%	1	pint	7.50	3.75	
	Sunflower Clearfield	Seed	3	100%	20	k seed	1.64	32.80	
	Beyond	Herbicide	4	50%	4	ounce	4.22	8.44	
	NIS	Additive	4	50%	5	ounce	0.20	0.51	
	UAN	Additive	4	50%	3	pint	0.25	0.38	
	Aerial Spray	Custom	5	30%	1	acre	11.00	3.30	
**	Warrior II/Zeon	Insecticide	5	30%	1.92	ounce	3.20	1.85	
	Haul Grain (Sunflower)	Custom	7	100%	13	cwt	0.30	3.90	
		Crop Insurance					22.00	22.00	
	Total Materials & Services							140.27	

* Harvest factor adjustment used on costs

**Insecticide for seed weevil and sunflower moth

						Your Estimate
Total listed costs for Field Operations and Materials and Services					208.52	
Interest on Operations Capital	$ 164.26	cash expense @	7.00%	for 6.0 mo.	5.75	
Total Operating and Use Related Ownership Costs					214.27	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00	
Real Estate Opportunity^	Dryland (Panhandle)	$ 685	per acre @	3.00%	20.55	
Real Estate Taxes		$ 685	per acre @	1.25%	8.56	
Total Cost per Acre Including Overhead					268.38	
Cash Cost per cwt	*^Ownership and RE Opportunity not included in cash costs.*				15.66	
Cost of production per cwt					20.64	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 73-Sunflower, Clearfield, Panhandle, Ecofallow, after Wheat, Two Crops in Three Years, 16 cwt Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Spray (Prior Year Stubble)	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
3	Spray Fertilizer and Herbicide	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
4	Spray Herbicide	0.5		0.47	0.16	0.01	0.55	0.79	1.01	2.99	
5	Plant	1		3.00	1.08	0.06	6.56	5.24	9.12	25.06	
6	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
7	Aerial Spray	Custom									
*8	Combine - Sunflower head	110		2.33	3.53	3.73	0.38	17.12	4.52	31.60	
9	Truck	Custom									
	Total for Field Operations			9.60	6.05	3.88	11.12	29.51	25.75	85.90	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
Landmaster BW	Herbicide	1	100%	54	ounce	0.20	10.55	
21-0-0-24S	Additive	1	100%	2	pound	0.40	0.80	
Glyphosate 5# w/Surfactant	Herbicide	2	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	2	100%	1.7	pound	0.40	0.68	
Glyphosate 5# w/Surfactant	Herbicide	3	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	3	100%	1.7	pound	0.40	0.68	
Prowl H2O	Herbicide	3	100%	2	pint	7.50	15.00	
28-0-0	Fertilizer	3	100%	60	lbs N	0.60	36.00	
Spartan 4F	Herbicide	3	100%	5	ounce	2.19	10.94	
Glyphosate 5# w/Surfactant	Herbicide	4	50%	32	ounce	0.13	2.13	
21-0-0-24S	Additive	4	50%	1.7	pound	0.40	0.34	
Prowl H_2O	Herbicide	4	50%	1	pint	7.50	3.75	
Sunflower Clearfield	Seed	5	100%	20	k seed	1.64	32.80	
Beyond	Herbicide	6	50%	4	ounce	4.22	8.44	
NIS	Additive	6	50%	5	ounce	0.20	0.51	
UAN	Additive	6	50%	3	pint	0.25	0.38	
Aerial Spray	Custom	7	50%	1	acre	11.00	5.50	
** Warrior II/Zeon	Insecticide	7	50%	1.92	ounce	3.20	3.08	
Haul Grain (Sunflower)	Custom	9	100%	16	cwt	0.30	4.80	
	Crop Insurance					22.00	22.00	
Total Materials & Services							166.88	

* Harvest factor adjustment used on costs

**Insecticide for seed weevil and sunflower moth

Total listed costs for Field Operations and Materials and Services					252.78
Interest on Operations Capital	$ 197.52	cash expense @	7.00%	for 6.0 mo.	6.91
Total Operating and Use Related Ownership Costs					259.69
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					25.00
Real Estate Opportunity^	Dryland (Panhandle)	$ 685	per acre @	3.00%	20.55
Real Estate Taxes		$ 685	per acre @	1.25%	8.56
Total Cost per Acre Including Overhead					313.80
Cash Cost per cwt	*^Ownership and RE Opportunity not included in cash costs.*				14.87
Cost of production per cwt					19.61

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 74-Sunflower, Clearfield, Panhandle, No Till, 30 cwt Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 8 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Spray Fertilizer and Herbicide	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Plant No-Till	1		3.00	1.34	0.06	6.56	5.24	9.12	25.32	
4	Spray Herbicide	Custom									
5	Aerial Spray	Custom									
6	Pivot E 125' Lift w/fertigation	8	ai	9.26	23.36	3.57	23.06	6.25	12.66	78.16	
*7	Combine - Sunflower head	200		4.23	6.41	6.78	0.70	31.13	8.21	57.45	
8	Truck	Custom									
	Total for Field Operations			18.39	31.75	10.45	31.73	45.80	37.05	175.16	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	100%	32	ounce	0.13	4.25	
	21-0-0-24S	Additive	1	100%	1.7	pound	0.40	0.68	
	Prowl H2O	Herbicide	2	100%	2.3	pint	7.50	17.25	
	Spartan 4F	Herbicide	2	100%	4	ounce	2.19	8.75	
	28-0-0	Fertilizer	2	100%	100	lbs N	0.60	60.00	
	Sunflower Clearfield	Seed	3	100%	35	k seed	1.64	57.40	
	10-34-0	Fertilizer	3	100%	4	gallon	3.30	13.20	
	Spray	Herbicide	4	50%	1	acre	9.00	4.50	
	Beyond	Herbicide	4	50%	4	ounce	4.22	8.44	
	NIS	Additive	4	50%	5	ounce	0.20	0.51	
	UAN	Additive	4	50%	3	pint	0.25	0.38	
	Aerial Spray	Custom	5	50%	1	acre	11.00	5.50	
**	Warrior II/Zeon	Insecticide	5	50%	3.84	ounce	3.20	6.15	
	Electricity Fixed	Other	6	100%	1	acre	45.00	45.00	
	Haul Grain (Sunflower)	Custom	8	100%	30	cwt	0.30	9.00	
		Crop Insurance					16.00	16.00	
	Total Materials & Services							257.01	

* Harvest factor adjustment used on costs   **Insecticide for seed weevil and sunflower moth

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					432.17	
Interest on Operations Capital	$ 349.33	cash expense @	7.00%	for 6.0 mo.	12.23	
Total Operating and Use Related Ownership Costs					444.40	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00	
Real Estate Opportunity^	Pivot (Panhandle)	$ 3,915	per acre @	3.00%	117.45	
Real Estate Taxes		$ 3,915	per acre @	1.25%	48.94	
Total Cost per Acre Including Overhead					643.79	
Cash Cost per cwt	*^Ownership and RE Opportunity not included in cash costs.*				14.78	
Cost of production per cwt					21.46	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 75-Wheat-Spring, Southwest, No Till, Wheat after Row Crop, 40 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
2	Spray Fertilizer and Herbicide	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Aerial Spray	Custom									
4	Aerial Spray	Custom									
*5	Combine Small Grain (grain head)	80		1.69	2.56	2.71	0.28	12.45	2.19	21.89	
6	Truck	Custom									
	Total for Field Operations			4.84	4.46	2.78	7.76	18.23	9.68	47.76	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	10-34-0	Fertilizer	1	100%	8	gallon	3.30	26.40	
	Wheat (Certified and Treated)	Seed	1	100%	90	pound	0.47	42.30	
	28-0-0	Fertilizer	2	100%	75	lbs N	0.60	45.00	
	Ally Extra SGW/TOTSOL	Herbicide	2	100%	0.3	ounce	11.00	3.30	
	2,4-D Ester LV4	Herbicide	2	100%	0.5	pint	4.50	2.25	
	NIS	Additive	2	100%	6	ounce	0.20	1.22	
	Aerial Spray	Custom	3	25%	1	acre	11.00	2.75	
**	Quilt Xcel	Fungicide	3	25%	10.5	ounce	1.88	4.92	
	Aerial Spray	Custom	4	15%	1	acre	11.00	1.65	
***	Warrior II/Zeon	Insecticide	4	15%	1.92	ounce	3.20	0.92	
	Haul Grain Bushels	Custom	5	100%	40	bushel	0.15	6.00	
	Scouting Dryland Wheat	Scouting		100%	1	acre	10.00	10.00	
		Crop Insurance					11.00	11.00	
	Total Materials & Services							157.71	

* Harvest factor adjustment used on costs **Fungicide for rust ***Insecticide for aphids and army cutworm

Total listed costs for Field Operations and Materials and Services					205.47	
Interest on Operations Capital	$ 177.55	cash expense @	7.00%	for 6.0 mo.	6.21	
Total Operating and Use Related Ownership Costs					211.68	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					16.00	
Real Estate Opportunity^	Dryland (Southwest)	$ 1,720	per acre @	3.00%	51.60	
Real Estate Taxes		$ 1,720	per acre @	1.25%	21.50	
Total Cost per Acre Including Overhead					300.78	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				5.53	
Cost of production per bushel					7.52	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 76-Wheat-Winter, Southwest, No Till, Wheat after Row Crop, 55 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Drill w/ Fertilizer	1		2.73	1.80	0.06	5.00	4.77	5.24	19.60	
2	Spray Fertilizer and Herbicide	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Aerial Spray	Custom									
4	Aerial Spray	Custom									
*5	Combine Small Grain (grain head)	100		2.12	3.19	3.39	0.35	15.56	2.74	27.36	
6	Truck	Custom									
	Total for Field Operations			5.80	5.31	3.47	5.65	21.92	13.02	55.18	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	10-34-0	Fertilizer	1	100%	8	gallon	3.30	26.40	
	Wheat (Certified and Treated)	Seed	1	100%	90	pound	0.47	42.30	
	28-0-0	Fertilizer	2	100%	75	lbs N	0.60	45.00	
	Ally Extra SGW/TOTSOL	Herbicide	2	100%	0.3	ounce	11.00	3.30	
	2,4-D Ester LV4	Herbicide	2	100%	0.5	pint	4.50	2.25	
	NIS	Additive	2	100%	6	ounce	0.20	1.22	
	Aerial Spray	Custom	3	25%	1	acre	11.00	2.75	
**	Quilt Xcel	Fungicide	3	25%	10.5	ounce	1.88	4.92	
	Aerial Spray	Custom	4	15%	1	acre	11.00	1.65	
***	Warrior II/Zeon	Insecticide	4	15%	1.92	ounce	3.20	0.92	
	Haul Grain Bushels	Custom	5	100%	55	bushel	0.15	8.25	
	Scouting Dryland Wheat	Scouting		100%	1	acre	10.00	10.00	
		Crop Insurance					23.00	23.00	
	Total Materials & Services							171.96	

* Harvest factor adjustment used on costs **Fungicide for rust ***Insecticide for aphids and army cutworm

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					227.14	
Interest on Operations Capital	$ 192.19	cash expense @	7.00%	for 6.0 mo.	6.73	
Total Operating and Use Related Ownership Costs					233.87	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					16.00	
Real Estate Opportunity^	Dryland (Southwest)	$ 1,720	per acre @	3.00%	51.60	
Real Estate Taxes		$ 1,720	per acre @	1.25%	21.50	
Total Cost per Acre Including Overhead					322.97	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				4.30	
Cost of production per bushel					5.87	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 77-Wheat-Winter, Panhandle, No Till, Fallow, One Crop in Two Years, 70 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray (Prior Year Stubble)	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Spray (Prior Year Stubble)	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
5	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
6	Drill w/ Fertilizer	1		2.73	1.80	0.06	5.00	4.77	5.24	19.60	
7	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
8	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
9	Aerial Spray	Custom									
10	Aerial Spray	Custom									
*11	Combine Small Grain (grain head)	125		2.64	3.99	4.24	0.44	19.45	3.43	34.20	
12	Truck	Custom									
	Total for Field Operations			13.04	8.92	4.47	12.10	37.89	23.43	99.86	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
Glyphosate 5# w/Surfactant	Herbicide	1	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	1	100%	1.7	pound	0.40	0.68	
Glyphosate 5# w/Surfactant	Herbicide	2	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	2	100%	1.7	pound	0.40	0.68	
AAtrex 4L	Herbicide	2	100%	1	quart	6.00	6.00	
Glyphosate 5# w/Surfactant	Herbicide	3	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	3	100%	1.7	pound	0.40	0.68	
Glyphosate 5# w/Surfactant	Herbicide	4	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	4	100%	1.7	pound	0.40	0.68	
Glyphosate 5# w/Surfactant	Herbicide	5	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	5	100%	1.7	pound	0.40	0.68	
10-34-0	Fertilizer	6	100%	8	gallon	3.30	26.40	
Wheat (Certified and Treated)	Seed	6	100%	60	pound	0.47	28.20	
46-0-0	Fertilizer	7	100%	90	lbs N	0.60	54.00	
Ally Extra SGW/TOTSOL	Herbicide	8	100%	0.3	ounce	11.00	3.30	
2,4-D Ester LV4	Herbicide	8	10%	0.5	pint	4.50	0.23	
NIS	Additive	8	20%	6	ounce	0.20	0.24	
Aerial Spray	Custom	9	25%	1	acre	11.00	2.75	
** Quilt Xcel	Fungicide	9	25%	10.5	ounce	1.88	4.92	
Aerial Spray	Custom	10	15%	1	acre	11.00	1.65	
*** Warrior II/Zeon	Insecticide	10	15%	1.92	ounce	3.20	0.92	
Haul Grain Bushels	Custom	12	100%	70	bushel	0.15	10.50	
Scouting Dryland Wheat	Scouting		100%	1	acre	10.00	10.00	
	Crop Insurance					25.00	25.00	
Total Materials & Services							198.76	

* Harvest factor adjustment used on costs **Fungicide for rust ***Insecticide for aphids and army cutworm

Total listed costs for Field Operations and Materials and Services					298.62	
Interest on Operations Capital	$ 237.30	cash expense @	7.00%	for 6.0 mo.	8.31	
Total Operating and Use Related Ownership Costs					306.93	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					16.00	
Real Estate Opportunity^	Dryland (Panhandle)	$ 745	per acre @	3.00%	44.70	
Real Estate Taxes		$ 745	per acre @	1.25%	18.62	
Total Cost per Acre Including Overhead					386.25	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				4.00	
Cost of production per bushel					5.52	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 78-Wheat-Winter, Panhandle, Stubble Mulch Fallow, One Crop in Two Years, 65 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Sweep Plow	1		2.20	2.74	0.25	0.75	10.86	2.91	19.71	
2	Sweep Plow	1		2.20	2.74	0.25	0.75	10.86	2.91	19.71	
3	Sweep Plow	1		2.20	2.74	0.25	0.75	10.86	2.91	19.71	
4	Rod Weeder	1		1.89	1.61	0.24	0.92	10.29	3.69	18.64	
5	Rod Weeder	1		1.89	1.61	0.24	0.92	10.29	3.69	18.64	
6	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
7	Spray Fertilizer	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
8	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
9	Aerial Spray	Custom									
10	Aerial Spray	Custom									
*11	Combine Small Grain (grain head)	120		2.54	3.83	4.07	0.43	18.68	3.29	32.83	
12	Truck	Custom									
	Total for Field Operations			17.02	17.49	5.39	13.11	79.21	28.91	161.12	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	10-34-0	Fertilizer	6	100%	8	gallon	3.30	26.40	
	Wheat (Certified and Treated)	Seed	6	100%	55	pound	0.47	25.85	
	28-0-0	Fertilizer	7	100%	85	lbs N	0.60	51.00	
	2,4-D Ester LV4	Herbicide	8	100%	0.5	pint	4.50	2.25	
	Ally Extra SGW/TOTSOL	Herbicide	8	100%	0.3	ounce	11.00	3.30	
	NIS	Additive	8	100%	6	ounce	0.20	1.22	
	Aerial Spray	Custom	9	25%	1	acre	11.00	2.75	
**	Quilt Xcel	Fungicide	9	25%	10.5	ounce	1.88	4.92	
	Aerial Spray	Custom	10	15%	1	acre	11.00	1.65	
***	Warrior II/Zeon	Insecticide	10	15%	1.92	ounce	3.20	0.92	
	Haul Grain Bushels	Custom	12	100%	65	bushel	0.15	9.75	
	Scouting Dryland Wheat	Scouting		100%	1	acre	10.00	10.00	
		Crop Insurance					24.00	24.00	
	Total Materials & Services							164.01	

* Harvest factor adjustment used on costs **Fungicide for rust ***Insecticide for aphids and army cutworm

						Your Estimate
Total listed costs for Field Operations and Materials and Services					325.13	
Interest on Operations Capital	$ 217.01	cash expense @	7.00%	for 6.0 mo.	7.60	
Total Operating and Use Related Ownership Costs					332.73	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					16.00	
Real Estate Opportunity^	Dryland (Panhandle)	$ 745	per acre @	3.00%	44.70	
Real Estate Taxes		$ 745	per acre @	1.25%	9.31	
Total Cost per Acre Including Overhead					402.74	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				3.84	
Cost of production per bushel					6.20	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 79-Wheat-Winter, Panhandle, Conventional Tillage, One Crop in Two Years, 60 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
3	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
4	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
5	Rod Weeder	1		1.89	1.61	0.24	0.92	10.29	3.69	18.64	
6	Rod Weeder & Fertilizer	1		2.27	1.61	0.24	0.94	10.29	3.79	19.14	
7	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
8	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
9	Aerial Spray	Custom									
10	Aerial Spray	Custom									
*11	Combine Small Grain (grain head)	96		2.03	3.07	3.25	0.34	14.94	2.63	26.26	
12	Truck	Custom									
	Total for Field Operations			17.35	17.72	4.72	19.11	80.90	26.61	166.41	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	32-0-0	Fertilizer	6	100%	70	lbs N	0.60	42.00	
	10-34-0	Fertilizer	7	100%	8	gallon	3.30	26.40	
	Wheat (Certified and Treated)	Seed	7	100%	50	pound	0.47	23.50	
	2,4-D Ester LV4	Herbicide	8	100%	0.5	pint	4.50	2.25	
	Ally Extra SGW/TOTSOL	Herbicide	8	100%	0.3	ounce	11.00	3.30	
	NIS	Additive	8	100%	6	ounce	0.20	1.22	
	Aerial Spray	Custom	9	25%	1	acre	11.00	2.75	
**	Quilt Xcel	Fungicide	9	25%	10.5	ounce	1.88	4.92	
	Aerial Spray	Custom	10	15%	1	acre	11.00	1.65	
***	Warrior II/Zeon	Insecticide	10	15%	1.92	ounce	3.20	0.92	
	Haul Grain Bushels	Custom	12	100%	60	bushel	0.15	9.00	
	Scouting Dryland Wheat	Scouting		100%	1	acre	10.00	10.00	
		Crop Insurance					23.00	23.00	
	Total Materials & Services							150.91	

* Harvest factor adjustment used on costs **Fungicide for rust ***Insecticide for aphids and army cutworm

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					317.32	
Interest on Operations Capital	$ 209.81	cash expense @		7.00% for 6.0 mo.	7.34	
Total Operating and Use Related Ownership Costs					324.66	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					16.00	
Real Estate Opportunity^	Dryland (Panhandle)	$	745	per acre @ 3.00%	44.70	
Real Estate Taxes		$	745	per acre @ 1.25%	18.62	
Total Cost per Acre Including Overhead					403.98	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				4.20	
Cost of production per bushel					6.73	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 80-Wheat-Winter, Southwest, No Till, Wheat before Corn, Two Crops in Three Years, 80 bushel Yield Dryland

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
5	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
6	Spread Fertilizer	1		1.97	1.21	0.05	0.00	4.13	2.64	10.00	
7	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
8	Aerial Spray	Custom									
9	Aerial Spray	Custom									
*10	Combine Small Grain (grain head)	128		2.71	4.09	4.34	0.45	19.92	3.51	35.02	
11	Truck	Custom									
	Total for Field Operations			11.63	8.48	4.54	13.18	36.19	18.70	92.72	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	100%	32	ounce	0.13	4.25	
	21-0-0-24S	Additive	1	100%	1.7	pound	0.40	0.68	
	2,4-D Ester LV4	Herbicide	1	100%	1	pint	4.50	4.50	
	Glyphosate 5# w/Surfactant	Herbicide	2	100%	32	ounce	0.13	4.25	
	21-0-0-24S	Additive	2	100%	1.7	pound	0.40	0.68	
	2,4-D Ester LV4	Herbicide	2	100%	1	pint	4.50	4.50	
	Glyphosate 5# w/Surfactant	Herbicide	3	100%	32	ounce	0.13	4.25	
	21-0-0-24S	Additive	3	100%	1.7	pound	0.40	0.68	
	2,4-D Ester LV4	Herbicide	3	100%	1	pint	4.50	4.50	
	Glyphosate 5# w/Surfactant	Herbicide	4	100%	32	ounce	0.13	4.25	
	21-0-0-24S	Additive	4	100%	1.7	pound	0.40	0.68	
	10-34-0	Fertilizer	5	100%	8	gallon	3.30	26.40	
	Wheat (Certified and Treated)	Seed	5	100%	60	pound	0.47	28.20	
	46-0-0	Fertilizer	6	100%	120	lbs N	0.60	72.00	
	Ally Extra SGW/TOTSOL	Herbicide	7	100%	0.3	ounce	11.00	3.30	
	NIS	Additive	7	10%	6	ounce	0.20	0.12	
	2,4-D Ester LV4	Herbicide	7	20%	0.5	pint	4.50	0.45	
	Aerial Spray	Custom	8	25%	1	acre	11.00	2.75	
*	Quilt Xcel	Fungicide	8	25%	10.5	ounce	1.88	4.92	
	Aerial Spray	Custom	9	15%	1	acre	11.00	1.65	
**	Warrior II/Zeon	Insecticide	9	15%	1.92	ounce	3.20	0.92	
	Haul Grain Bushels	Custom	11	100%	80	bushel	0.15	12.00	
	Scouting Dryland Wheat	Scouting		100%	1	acre	10.00	10.00	
		Crop Insurance					32.00	32.00	
	Total Materials & Services							227.93	

* Harvest factor adjustment used on costs **Insecticide for aphids and army cutworm

Total listed costs for Field Operations and Materials and Services					320.65	
Interest on Operations Capital	$ 265.76	cash expense @	7.00%	for 6.0 mo.	9.30	
Total Operating and Use Related Ownership Costs					329.95	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					16.00	
Real Estate Opportunity^	Dryland (Southwest)	$ 1,720	per acre @	3.00%	77.40	
Real Estate Taxes		$ 1,720	per acre @	1.25%	32.25	
Total Cost per Acre Including Overhead					455.60	
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				4.04	
Cost of production per bushel					5.70	

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 81-Wheat-Winter, Panhandle, No Till, after Dry Beans, 105 bushel Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 6 acre/inches

						Repairs		Ownership^			
	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Power	Imp.	Power	Imp.	Total	Your Estimate
1	Drill w/ Fertilizer	1		2.73	1.80	0.06	5.00	4.77	5.24	19.60	
2	Pivot D 125' Lift	6	ai	5.21	44.17	2.35	15.91	4.47	8.73	80.84	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Aerial Spray	Custom									
5	Aerial Spray	Custom									
*6	Combine Small Grain (grain head)	168		3.55	5.37	5.69	0.60	26.15	4.60	45.96	
7	Truck	Custom									
	Total for Field Operations			12.44	51.66	8.12	22.62	36.98	20.59	152.41	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	10-34-0	Fertilizer	1	100%	8	gallon	3.30	26.40	
	Wheat (Certified and Treated)	Seed	1	100%	120	pound	0.47	56.40	
	28-0-0	Fertilizer	2	100%	130	lbs N	0.60	78.00	
	2,4-D Ester LV4	Herbicide	3	100%	0.5	pint	4.50	2.25	
	Ally Extra SGW/TOTSOL	Herbicide	3	100%	0.3	ounce	11.00	3.30	
	NIS	Additive	3	100%	6	ounce	0.20	1.22	
	Aerial Spray	Custom	4	100%	1	acre	11.00	11.00	
**	Prosaro 421 SC	Fungicide	4	100%	7	ounce	3.13	21.88	
	Aerial Spray	Custom	5	10%	1	acre	11.00	1.10	
***	Mustang Maxx	Insecticide	5	10%	3	ounce	1.88	0.56	
	Warrior II/Zeon	Insecticide	5	10%	1.92	ounce	3.20	0.62	
	Haul Grain Bushels	Custom	7	100%	105	bushel	0.15	15.75	
	Scouting Irrigated Wheat	Scouting		100%	1	acre	10.00	10.00	
		Crop Insurance					37.00	37.00	
	Total Materials & Services							265.48	

* Harvest factor adjustment used on costs **Fungicide for rust ***Insecticide for aphids and army cutworm

Total listed costs for Field Operations and Materials and Services					417.89
Interest on Operations Capital	$ 360.32	cash expense @	7.00%	for 6.0 mo.	12.61
Total Operating and Use Related Ownership Costs					430.50
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					33.00
Real Estate Opportunity^	Pivot (Panhandle)	$ 3,915	per acre @	3.00%	117.45
Real Estate Taxes		$ 3,915	per acre @	1.25%	48.94
Total Cost per Acre Including Overhead					629.89
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*				4.33
Cost of production per bushel					6.00

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 82-Wheat-Winter, Panhandle, No Till, in Rotation, 90 bushel Yield
Pivot Irrigated Electric, 800 GPM 35 PSI, 6 acre/inches

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership^ Power	Ownership^ Imp.	Total	Your Estimate
1	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
2	Drill w/ Fertilizer	1		2.73	1.80	0.06	5.00	4.77	5.24	19.60	
3	Spray Herbicide	1		0.95	0.32	0.02	1.11	1.59	2.02	6.01	
4	Pivot E 125' Lift w/fertigation	6	ai	6.94	17.52	2.68	17.29	4.68	9.49	58.60	
5	Aerial Spray	Custom									
6	Aerial Spray	Custom									
*7	Combine Small Grain (grain head)	144		3.05	4.60	4.88	0.51	22.41	3.95	39.40	
8	Truck	Custom									
	Total for Field Operations			14.62	24.56	7.66	25.02	35.04	22.72	129.62	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Glyphosate 5# w/Surfactant	Herbicide	1	100%	32	ounce	0.13	4.25	
	Sharpen	Herbicide	1	100%	2	ounce	8.05	16.09	
	21-0-0-24S	Additive	2	100%	1.7	pound	0.40	0.68	
	MSO	Additive	2	100%	16	ounce	0.23	3.75	
	Wheat (Certified and Treated)	Seed	2	100%	120	pound	0.47	56.40	
	11-52-0	Fertilizer	2	100%	40	pound	0.40	16.00	
	2,4-D Ester LV4	Herbicide	3	100%	0.5	pint	4.50	2.25	
	Ally Extra SGW/TOTSOL	Herbicide	3	100%	0.3	ounce	11.00	3.30	
	NIS	Additive	3	100%	6	ounce	0.20	1.22	
	32-0-0 (Applied by Pivot)	Fertilizer	4	100%	125	lbs N	0.60	75.00	
	Electricity Fixed	Other	4	100%	1	acre	45.00	45.00	
	Aerial Spray	Custom	5	100%	1	acre	11.00	11.00	
**	Prosaro 421 SC	Fungicide	5	100%	7	ounce	3.13	21.88	
	Aerial Spray	Custom	6	20%	1	acre	11.00	2.20	
***	Mustang Maxx	Insecticide	6	10%	3	ounce	1.88	0.56	
	Warrior II/Zeon	Insecticide	6	10%	1.92	ounce	3.20	0.62	
	Scouting Irrigated Wheat	Scouting		100%	1	acre	10.00	10.00	
	Haul Grain Bushels	Custom	8	100%	90	bushel	0.15	13.50	
		Crop Insurance					35.00	35.00	
	Total Materials & Services							318.70	

* Harvest factor adjustment used on costs **Fungicide for rust ***Insecticide for aphids and army cutworm

Total listed costs for Field Operations and Materials and Services						448.32
Interest on Operations Capital	$ 390.56	cash expense @		7.00%	for 6.0 mo.	13.67
Total Operating and Use Related Ownership Costs						461.99
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)						33.00
Real Estate Opportunity^	Pivot (Panhandle)	$	3,915	per acre @	3.00%	117.45
Real Estate Taxes		$	3,915	per acre @	1.25%	48.94
Total Cost per Acre Including Overhead						661.38
Cash Cost per bushel	*^Ownership and RE Opportunity not included in cash costs.*					5.40
Cost of production per bushel						7.35

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2024 Budget 83-Cover Crop, Conventional Tillage

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership Power	Ownership Imp.	Total	Your Estimate
1	Disk	1		2.52	3.02	0.29	1.27	12.45	3.69	23.24	
2	Broadcast Seed	Custom									
3	Field Cultivation	1		1.83	2.17	0.21	2.45	9.05	2.78	18.49	
4	Spread Fertilizer	Custom									
5	Spray Herbicide	Custom									
	Total for Field Operations			4.35	5.19	0.50	3.72	21.50	6.47	41.73	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Application Unit	Applied Price	Total	Your Estimate
Cover Crop	Seed	2	100%	1	acre	22.00	22.00	
Broadcast Seed	Custom	2	100%	1	acre	15.00	15.00	
Spray	Custom	4	100%	1	acre	9.00	9.00	
32-0-0	Fertilizer	4	100%	50	lbs N	0.60	30.00	
* Spray	Custom	5	100%	1	acre	9.00	9.00	
Glyphosate 5# w/Surfactant	Herbicide	5	100%	32	ounce	0.13	4.25	
21-0-0-24S	Additive	5	100%	1.7	pound	0.40	0.68	
	Crop Insurance					N/A	N/A	
Total Materials & Services							89.93	

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					131.66	
Interest on Operations Capital	$ 103.69	cash expense @	7.00%	for 6.0 mo.	3.63	
Total Operating and Use Related Ownership Costs					135.29	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					0.00	
Real Estate Opportunity	$ -	per acre @	3.00%		0.00	
Real Estate Taxes	$ -	per acre @	1.25%		0.00	
Total Cost per Acre Including Overhead					135.29	

* Cover Crop Termination

Use the UNL Ag Budget Calculator program to customize crop budgets at: agbudget.unl.edu

2024 Budget 84-Cover Crop Grazing, No Till

	Field Operations	Times or Qty	Unit	Labor @ $25.00 /Hr	Fuel @ $3.45 and Lube	Repairs Power	Repairs Imp.	Ownership Power	Ownership Imp.	Total	Your Estimate
1	Drill	1		2.20	1.58	0.05	7.18	4.19	2.45	17.65	
2	Spray Fertilizer	1		0.95	0.32	0.02	0.30	1.59	5.04	8.22	
3	Spray Herbicide	custom									
	Total for Field Operations			3.15	1.90	0.07	7.48	5.78	7.49	25.87	

	Materials & Services		Operation Index	Percent Acres Applied	Application Rate	Unit	Applied Price	Total	Your Estimate
	Cover Crop Grazing Mix	Seed	1	100%	1	acre	33.00	33.00	
	32-0-0	Fertilizer	2	100%	50	lbs N	0.60	30.00	
*	Spray	Custom	3	100%	1	acre	9.00	9.00	
	Glyphosate 5# w/Surfactant	Herbicide	3	100%	32	ounce	0.13	4.25	
	21-0-0-24S	Additive	3	100%	1.7	pounds	0.40	0.68	
	Total Materials & Services							76.93	

					Total	Your Estimate
Total listed costs for Field Operations and Materials and Services					102.80	
Interest on Operations Capital	$ 89.53	cash expense @	7.00%	for 6.0 mo.	3.13	
Total Operating and Use Related Ownership Costs					105.93	
Overhead (accounting, liability insurance, vehicle cost, office expense, soil tests)					0.00	
Real Estate Opportunity	$ -	per acre @	3.00%		0.00	
Real Estate Taxes	$ -	per acre @	1.25%		0.00	
Total Cost per Acre Including Overhead					105.93	

* Cover Crop Termination

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NEBRASKA CROP BUDGETS

2024

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The 2024 Nebraska Crop budget projections were created using cropping practice norms for many producers in Nebraska. However, each individual farming operation is unique, and these budgets should be used only as a guide.

The budgets for 2024 are available in the Agricultural Budget Calculator program at: https://agbudget.unl.edu/.

To modify these budgets, you can download UNL budgets into your ABC program account or create your own.

In addition, the reports for each of the 2024 crop budgets are saved as printable (pdf) files.

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