

2019 Nebraska Crop Budgets

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These budget projections were created using cropping practice norms for many producers in Nebraska. However, each individual farming operation is unique.

These budgets are available in both Adobe PDF and Excel worksheet formats. Producers can modify them to match their specific situation. The danger of 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 this tool are responsible for independently verifying all results prior to relying on them.

Original files for these budgets are available at <http://extension.unl.edu/publications> and on <https://cropwatch.unl.edu/budgets>.

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63-Sugarbeet, Roundup Ready®, Panhandle, One Pass Zone-Tillage, 26 ton Yield, Gravity Irrigated, fed by canal

2019 Budget 63-Sugarbeet, Roundup Ready®, Panhandle, One Pass Zone-Tillage, 26 ton Yield Gravity Irrigated, fed by canal, 20 acre/inches

Field Operations	Times or Qty	Unit	Labor @ \$20.00 /Hr	Fuel @ \$2.49 and Lube	Repairs		Ownership		Total	Your Estimate
					Power	Imp.	Power	Imp.		
1 Disk	1		2.02	2.18	0.30	1.27	4.04	1.14	10.95	
2 Spray Fertilizer	1		1.00	0.30	0.35	0.19	1.08	2.03	4.95	
3 Spray Herbicide	Custom									
4 Till Plant Beets	1		3.67	3.94	0.55	4.89	7.34	2.32	22.71	
5 Rotary Hoe	1		1.50	0.72	0.59	0.37	1.84	1.26	6.28	
6 Row Crop Cultivation	1		2.00	0.91	0.78	0.44	2.45	1.52	8.10	
7 Ridge Cultivate/Ditch	1		1.83	1.27	0.72	0.37	2.25	1.52	7.96	
8 Spray Herbicide	Custom									
9 Ditch Irrigation	20	ai	22.22	0.00	0.00	0.00	0.00	0.00	22.22	
10 Spray Herbicide	Custom									
11 Aerial Spray	Custom									
12 Top Beets	1		3.45	1.73	1.49	3.32	4.66	1.99	16.64	
13 Lift Beets	1		3.67	2.95	0.55	13.70	7.34	5.07	33.28	
14 Truck	Custom									
15 Subsoil	1		2.22	2.62	0.36	1.62	4.89	6.04	17.75	
Total for Field Operations			43.58	16.62	5.69	26.17	35.89	22.89	150.84	

Materials & Services	Operation Index	Percent Acres Applied	Application Rate Unit	Applied Price	Total	Your Estimate	
							10-34-0
28-0-0	Fertilizer	2	100%	115 lbs N	0.44	50.98	
Spray	Custom	3,8, 10	300%	1 acre	7.00	21.00	
Glyphosate w/Surfactant	Herbicide	3	100%	36 ounce	0.12	4.22	
21-0-0-24S	Additive	3	100%	1.7 pound	0.35	0.60	
Sugar Beets RR Poncho	Seed	4	100%	1 acre	180.00	180.00	
Spray	Custom	8	100%	1 acre	7.00	7.00	
Glyphosate w/Surfactant	Herbicide	8	100%	36 ounce	0.12	4.22	
21-0-0-24S	Additive	8	100%	1.7 pound	0.35	0.60	
Irrigation District O&M Charge	Other	9	100%	1 acre	30.00	30.00	
Spray	Custom	10	100%	1 acre	7.00	7.00	
Glyphosate w/Surfactant	Herbicide	10	100%	36 ounce	0.12	4.22	
21-0-0-24S	Additive	10	100%	1.7 pound	0.35	0.60	
Aerial Spray	Custom	11	100%	1 acre	10.00	10.00	
Quadris	Fungicide	11	100%	7 ounce	1.80	12.58	
Haul Beets	Custom	14	100%	26 ton	5.00	130.00	
Scouting Sugar Beets	Scouting		100%	1 acre	16.00	16.00	
	Crop Insurance				27.00	27.00	
Total Materials & Services						538.85	

Total listed costs for Field Operations and Materials and Services 689.69

Interest on Operations Capital \$ 630.91 cash expense @ 5.50% for 6.0 mo.

Total Operating and Use Related Ownership Costs 707.04

Overhead (accounting, liability insurance, vehicle cost, office expense) 20.00

Real Estate Opportunity Gravity (Panhandle) \$ 2,340 per acre @ 3.00% 70.20

Real Estate Taxes \$ 2,340 per acre @ 1.35% 31.59

Total Cost per Acre Including Overhead 828.83

Cost per ton 31.88

Cash Cost per ton 26.15

64-Sugarbeet, Roundup Ready®, Panhandle, Conventional Tillage, 26 ton Yield, Gravity Irrigated, fed by canal

2019 Budget 64-Sugarbeet, Roundup Ready®, Panhandle, Conventional Tillage, 26 ton Yield
Gravity Irrigated, fed by canal, 20 acre/inches

Field Operations	Times or Qty	Unit	Labor @ \$20.00 /Hr	Fuel @ \$2.49 and Lube	Repairs		Ownership		Total	Your Estimate
					Power	Imp.	Power	Imp.		
1 Disk	1		2.02	2.18	0.30	1.27	4.04	1.14	10.95	
2 Spray Fertilizer	1		1.00	0.30	0.35	0.19	1.08	2.03	4.95	
3 Spray Herbicide	Custom									
4 Plow	1		2.93	2.29	0.44	0.86	5.87	0.52	12.91	
5 Roller Harrow	1		2.00	1.43	0.86	0.52	2.70	1.52	9.03	
6 Plant	1		2.40	0.78	0.86	2.54	2.70	3.53	12.81	
7 Field Cultivation	2		2.93	3.13	1.15	2.66	3.59	3.02	16.48	
8 Ridge Cultivate/Ditch	1		1.83	1.27	0.72	0.37	2.25	1.52	7.96	
9 Spray Herbicide	Custom									
10 Ditch Irrigation	20	ai	22.22	0.00	0.00	0.00	0.00	0.00	22.22	
11 Spray Herbicide	Custom									
12 Aerial Spray	Custom									
13 Top Beets	1		3.45	1.73	1.49	3.32	4.66	1.99	16.64	
14 Lift Beets	1		3.67	2.95	0.55	13.70	7.34	5.07	33.28	
15 Truck	Custom									
16 Subsoil	1		2.22	2.62	0.36	1.62	4.89	6.04	17.75	
Total for Field Operations			46.67	18.68	7.08	27.05	39.12	26.38	164.98	

Materials & Services	Operation Index	Percent Acres Applied	Application Rate Unit	Applied Price	Total	Your Estimate
10-34-0	Fertilizer	2	100%	13.4 gallon	2.45	32.83
28-0-0	Fertilizer	2	100%	115 lbs N	0.44	50.98
Spray	Custom	3, 9, & 11	300%	1 acre	7.00	21.00
Glyphosate w/Surfactant	Herbicide	3	100%	36 ounce	0.12	4.22
21-0-0-24S	Additive	3	100%	1.7 pound	0.35	0.60
Sugar Beets RR Poncho	Seed	6	100%	1 acre	180.00	180.00
Glyphosate w/Surfactant	Herbicide	9	100%	36 ounce	0.12	4.22
21-0-0-24S	Additive	9	100%	1.7 pound	0.35	0.60
Irrigation District O&M Charge	Other	10	100%	1 acre	30.00	30.00
Spray	Custom	11	100%	1 acre	7.00	7.00
Glyphosate w/Surfactant	Herbicide	11	100%	36 ounce	0.12	4.22
21-0-0-24S	Additive	11	100%	1.7 pound	0.35	0.60
Aerial Spray	Custom	12	100%	1 acre	10.00	10.00
Quadris	Fungicide	12	100%	7 ounce	1.80	12.58
Haul Beets	Custom	15	100%	26 ton	5.00	130.00
Scouting Sugar Beets	Scouting		100%	1 acre	16.00	16.00
Crop Insurance					27.00	27.00
Total Materials & Services						531.85

Total listed costs for Field Operations and Materials and Services		696.83
Interest on Operations Capital \$ 631.33	cash expense @ 5.50% for 6.0 mo.	17.36
Total Operating and Use Related Ownership Costs		714.19
Overhead (accounting, liability insurance, vehicle cost, office expense)		20.00
Real Estate Opportunity	Gravity (Panhandle) \$ 2,340 per acre @ 3.00%	70.20
Real Estate Taxes	\$ 2,340 per acre @ 1.35%	31.59
Total Cost per Acre Including Overhead		835.98
Cost per ton		32.15
Cash Cost per ton		26.16

65-Sugarbeet, Roundup Ready®, Panhandle, One Pass Zone-Tillage, 26 ton Yield, Pivot Irrigated Diesel

**2019 Budget 65-Sugarbeet, Roundup Ready®, Panhandle, One Pass Zone-Tillage, 26 ton Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 16 acre/inches**

	Field Operations	Times or Qty	Unit	Labor @ \$20.00 /Hr	Fuel @ \$2.49 and Lube	Repairs		Ownership		Total	Your Estimate
						Power	Imp.	Power	Imp.		
1	Disk	1		2.02	2.18	0.30	1.27	4.04	1.14	10.95	
2	Spray Fertilizer	1		1.00	0.30	0.35	0.19	1.08	2.03	4.95	
3	Spray Herbicide	Custom									
4	Till Plant Beets	1		3.67	3.94	0.55	4.89	7.34	2.32	22.71	
5	Row Crop Cultivation	1		2.00	0.91	0.78	0.44	2.45	1.52	8.10	
6	Spray Herbicide	Custom									
7	Pivot D 125' Lift	16	ai	11.11	85.01	5.49	25.82	7.34	14.17	148.94	
8	Spray Herbicide	Custom									
9	Aerial Spray	Custom									
10	Top Beets	1		3.45	1.73	1.49	3.32	4.66	1.99	16.64	
11	Lift Beets	1		3.67	2.95	0.55	13.70	7.34	5.07	33.28	
12	Truck	Custom									
13	Subsoil	1		2.22	2.62	0.36	1.62	4.89	6.04	17.75	
Total for Field Operations				29.14	99.64	9.87	51.25	39.14	34.28	263.32	

Materials & Services		Operation Index	Percent Acres Applied	Application		Applied Price	Total	Your Estimate
				Rate	Unit			
10-34-0	Fertilizer	2	100%	13.4	gallon	2.45	32.83	
28-0-0	Fertilizer	2	100%	115	lbs N	0.44	50.98	
Spray	Custom	3, 6, and 8	300%	1	acre	7.00	21.00	
Glyphosate w/Surfactant	Herbicide	3	100%	36	ounce	0.12	4.22	
21-0-0-24S	Additive	3	100%	1.7	pound	0.35	0.60	
Sugar Beets RR Poncho	Seed	4	100%	1	acre	180.00	180.00	
Glyphosate w/Surfactant	Herbicide	6	100%	36	ounce	0.12	4.22	
21-0-0-24S	Additive	6	100%	1.7	pound	0.35	0.60	
Glyphosate w/Surfactant	Herbicide	8	100%	36	ounce	0.12	4.22	
21-0-0-24S	Additive	8	100%	1.7	pound	0.35	0.60	
Aerial Spray	Custom	9	100%	1	acre	10.00	10.00	
Quadris	Fungicide	9	100%	7	ounce	1.80	12.58	
Haul Beets	Custom	12	100%	26	ton	5.00	130.00	
Scouting Sugar Beets	Scouting		100%	1	acre	26.00	26.00	
	Crop Insurance					27.00	27.00	
Total Materials & Services							504.85	

Total listed costs for Field Operations and Materials and Services							768.17	
Interest on Operations Capital	\$ 694.75	cash expense @	5.50%	for 6.0 mo.			19.11	
Total Operating and Use Related Ownership Costs							787.28	
Overhead (accounting, liability insurance, vehicle cost, office expense)							20.00	
Real Estate Opportunity	Pivot (Panhandle)	\$ 2,700	per acre @	3.00%			81.00	
Real Estate Taxes		\$ 2,700	per acre @	1.35%			36.45	
Total Cost per Acre Including Overhead							924.73	
Cost per ton							35.57	
Cash Cost per ton							28.86	

66-Sugarbeet, Roundup Ready®, Panhandle, Conventional Tillage, 26 ton Yield, Pivot Irrigated Diesel

**2019 Budget 66-Sugarbeet, Roundup Ready®, Panhandle, Conventional Tillage, 26 ton Yield
Pivot Irrigated Diesel, 800 GPM 35 PSI, 16 acre/inches**

	Field Operations	Times or Qty	Unit	Labor @ \$20.00 /Hr	Fuel @ \$2.49 and Lube	Repairs		Ownership		Total	Your Estimate
						Power	Imp.	Power	Imp.		
1	Disk	1		2.02	2.18	0.30	1.27	4.04	1.14	10.95	
2	Spray Fertilizer	1		1.00	0.30	0.35	0.19	1.08	2.03	4.95	
3	Plow	1		2.93	2.29	0.44	0.86	5.87	0.52	12.91	
4	Roller Harrow	1		2.00	1.43	0.86	0.52	2.70	1.52	9.03	
5	Plant	1		2.40	0.78	0.86	2.54	2.70	3.53	12.81	
6	Spray Herbicide	Custom									
7	Field Cultivation	1		1.47	1.56	0.58	1.33	1.80	1.51	8.25	
8	Pivot D 125' Lift	16	ai	11.11	85.01	5.49	25.82	7.34	14.17	148.94	
9	Spray Herbicide	Custom									
10	Aerial Spray	Custom									
11	Top Beets	1		3.45	1.73	1.49	3.32	4.66	1.99	16.64	
12	Lift Beets	1		3.67	2.95	0.55	13.70	7.34	5.07	33.28	
13	Truck	Custom									
14	Subsoil	1		2.22	2.62	0.36	1.62	4.89	6.04	17.75	
Total for Field Operations				32.27	100.85	11.28	51.17	42.42	37.52	275.51	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate Unit	Applied Price	Total	Your Estimate	
								10-34-0
28-0-0	Fertilizer	2	100%	115 lbs N	0.44	50.98		
Spray	Custom	6 & 9	200%	1 acre	7.00	14.00		
Glyphosate w/Surfactant	Herbicide	6	100%	36 ounce	0.12	4.22		
21-0-0-24S	Additive	6	100%	1.7 pound	0.35	0.60		
Sugar Beets RR Poncho	Seed	5	100%	1 acre	180.00	180.00		
Glyphosate w/Surfactant	Herbicide	9	100%	36 ounce	0.12	4.22		
21-0-0-24S	Additive	9	100%	1.7 pound	0.35	0.60		
Aerial Spray	Custom	10	100%	1 acre	10.00	10.00		
Quadris	Fungicide	10	100%	7 ounce	1.80	12.58		
Haul Beets	Custom	13	100%	26 ton	5.00	130.00		
Scouting Sugar Beets	Scouting		100%	1 acre	16.00	16.00		
	Crop Insurance				27.00	27.00		
Total Materials & Services							483.03	

Total listed costs for Field Operations and Materials and Services

Interest on Operations Capital \$ 678.60 cash expense @ 5.50% for 6.0 mo.

Total Operating and Use Related Ownership Costs

Overhead (accounting, liability insurance, vehicle cost, office expense)

Real Estate Opportunity Pivot (Panhandle) \$ 2,700 per acre @ 3.00%
Real Estate Taxes \$ 2,700 per acre @ 1.35%

Total Cost per Acre Including Overhead

Cost per ton

Cash Cost per ton

758.54	
18.66	
777.20	
20.00	
81.00	
36.45	
914.65	
35.18	
28.22	