

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

2019 Budget 67-Sunflower, Clearfield, Panhandle, No Till, Following Corn or Grain Sorghum, 13 cwt Yield Dryland

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 Spray Fertilizer and Herbicide	1		1.00	0.30	0.35	0.19	1.08	2.03	4.95	
2 Spray Herbicide	0.5		0.50	0.15	0.17	0.32	0.54	0.41	2.09	
3 Plant No-Till	1		2.40	0.97	0.86	4.41	2.70	6.13	17.47	
4 Spray Herbicide	1		1.00	0.30	0.35	0.64	1.08	0.81	4.18	
5 Aerial Spray	Custom									
6 Combine Sunflowers	1		3.14	4.30	7.31	1.53	5.84	4.33	26.45	
7 Truck	Custom									
Total for Field Operations			8.04	6.02	9.04	7.09	11.24	13.71	55.14	

Materials & Services	Operation Index	Percent Acres Applied	Application Rate Unit	Applied Price	Total	Your Estimate
21-0-0-24S	Additive	1	100%	1.7 pound	0.35	0.60
Prowl H ₂ O	Herbicide	1	100%	2 pint	6.50	13.00
28-0-0	Fertilizer	1	100%	50 lbs N	0.44	22.17
Spartan 4F	Herbicide	1	100%	5 ounce	2.11	10.55
Glyphosate w/Surfactant	Herbicide	2	50%	32 ounce	0.12	1.88
21-0-0-24S	Additive	2	50%	1.7 pound	0.35	0.30
Prowl H ₂ O	Herbicide	2	50%	1 pint	6.50	3.25
Sunflower Clearfield	Seed	3	100%	20 k seed	1.44	28.80
Beyond	Herbicide	4	50%	4 ounce	4.77	9.53
NIS	Additive	4	50%	5 ounce	0.18	0.45
UAN	Additive	4	50%	3 pint	0.19	0.29
* Aerial Spray	Custom	5	50%	1 acre	10.00	5.00
* Warrior II/Zeon	Insecticide	5	50%	1.92 ounce	2.89	2.78
Haul Grain (Sunflower)	Custom	7	100%	13 cwt	0.30	3.90
Crop Insurance					17.00	17.00
Total Materials & Services						123.25

*Insecticide for seed weevil and sunflower moth

Total listed costs for Field Operations and Materials and Services						178.39
Interest on Operations Capital \$ 153.44	cash expense @	5.50%	for 6.0 mo.			4.22
Total Operating and Use Related Ownership Costs						182.61
Overhead (accounting, liability insurance, vehicle cost, office expense)						20.00
Real Estate Opportunity	Dryland (Panhandle)	\$ 670	per acre @	3.00%		20.10
Real Estate Taxes		\$ 670	per acre @	1.35%		9.05
Total Cost per Acre Including Overhead						231.76
Cost per cwt						17.83
Cash Cost per cwt						12.82

68-Sunflower, Clearfield, Panhandle, Ecofollow, after Wheat, Two Crops in Three Years, 16 cwt Yield, Dryland

2019 Budget 68-Sunflower, Clearfield, Panhandle, Ecofollow, after Wheat, Two Crops in Three Years, 16 cwt Yield Dryland

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 Spray Herbicide	1		1.00	0.30	0.35	0.64	1.08	0.81	4.18	
2 Spray (Prior Year Stubble)	1		1.00	0.30	0.35	0.64	1.08	0.81	4.18	
3 Spray Fertilizer and Herbicide	1		1.00	0.30	0.35	0.19	1.08	2.03	4.95	
4 Spray Herbicide	0.5		0.50	0.15	0.17	0.32	0.54	0.41	2.09	
5 Plant No-Till	1		2.40	0.97	0.86	4.41	2.70	6.13	17.47	
6 Spray Herbicide	1		1.00	0.30	0.35	0.64	1.08	0.81	4.18	
7 Aerial Spray	Custom									
8 Combine Sunflowers	1		3.14	4.30	7.31	1.53	5.84	4.33	26.45	
9 Truck	Custom									
Total for Field Operations			10.04	6.62	9.74	8.37	13.40	15.33	63.50	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate Unit	Applied Price	Total	Your Estimate	
								Landmaster BW
21-0-0-24S	Additive	1	100%	2 pound	0.35	0.70		
Glyphosate w/Surfactant	Herbicide	2	100%	32 ounce	0.12	3.75		
21-0-0-24S	Additive	2	100%	1.7 pound	0.35	0.60		
Glyphosate w/Surfactant	Herbicide	3	100%	32 ounce	0.12	3.75		
21-0-0-24S	Additive	3	100%	1.7 pound	0.35	0.60		
Prowl H2O	Herbicide	3	100%	2 pint	6.50	13.00		
28-0-0	Fertilizer	3	100%	60 lbs N	0.44	26.60		
Spartan 4F	Herbicide	3	100%	5 ounce	2.11	10.55		
Glyphosate w/Surfactant	Herbicide	4	50%	32 ounce	0.12	1.88		
21-0-0-24S	Additive	4	50%	1.7 pound	0.35	0.30		
Prowl H ₂ O	Herbicide	4	50%	1 pint	6.50	3.25		
Sunflower Clearfield	Seed	5	100%	5 k seed	1.44	7.20		
Beyond	Herbicide	6	50%	4 ounce	4.77	9.53		
NIS	Additive	6	50%	5 ounce	0.18	0.45		
UAN	Additive	6	50%	3 pint	0.19	0.29		
* Aerial Spray	Custom	7	50%	1 acre	10.00	5.00		
* Warrior II/Zeon	Insecticide	7	50%	1.92 ounce	2.89	2.78		
Haul Grain (Sunflower)	Custom	9	100%	16 cwt	0.30	4.80		
	Crop Insurance				17.00	17.00		
Total Materials & Services							119.20	

*Insecticide for seed weevil and sunflower moth

Total listed costs for Field Operations and Materials and Services						182.70	
Interest on Operations Capital \$ 153.97	cash expense @	5.50%	for 6.0 mo.			4.23	
Total Operating and Use Related Ownership Costs						186.93	
Overhead (accounting, liability insurance, vehicle cost, office expense)						20.00	
Real Estate Opportunity	Dryland (Panhandle)	\$ 670	per acre @	3.00%		20.10	
Real Estate Taxes		\$ 670	per acre @	1.35%		9.05	
Total Cost per Acre Including Overhead						236.08	
Cost per cwt						14.76	
Cash Cost per cwt						10.45	

69-Sunflower, Clearfield, Panhandle, No Till, 30 cwt Yield, Pivot Irrigated

**2019 Budget 69-Sunflower, Clearfield, Panhandle, No Till, 30 cwt Yield
Pivot Irrigated, 800 GPM 35 PSI, 8 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 Spray Herbicide	1		1.00	0.30	0.35	0.64	1.08	0.81	4.18	
2 Spray Fertilizer and Herbicide	1		1.00	0.30	0.35	0.19	1.08	2.03	4.95	
3 Plant No-Till	1		2.40	0.97	0.86	4.41	2.70	6.13	17.47	
4 Spray Herbicide	Custom									
5 Aerial Spray	Custom									
6 Pivot E 125' Lift w/fertigation	8	ai	7.41	22.30	2.34	13.83	4.10	7.59	57.57	
7 Combine Sunflowers	1		3.14	4.30	7.31	1.53	5.84	4.33	26.45	
8 Truck	Custom									
Total for Field Operations			14.95	28.17	11.21	20.60	14.80	20.89	110.62	

Materials & Services	Operation Index	Percent Acres Applied	Application Rate Unit	Applied Price	Total	Your Estimate
Glyphosate w/Surfactant	Herbicide	1	100%	32 ounce	0.12	3.75
21-0-0-24S	Additive	1	100%	1.7 pound	0.35	0.60
Prowl H2O	Herbicide	2	100%	2.3 pint	6.50	14.95
Spartan 4F	Herbicide	2	100%	4 ounce	2.11	8.44
28-0-0	Fertilizer	2	100%	100 lbs N	0.44	44.33
Sunflower Clearfield	Seed	3	100%	3.5 k seed	1.44	5.04
10-34-0	Fertilizer	3	100%	4 gallon	2.45	9.80
Beyond	Herbicide	4	50%	4 ounce	4.77	9.53
NIS	Additive	4	50%	5 ounce	0.18	0.45
UAN	Additive	4	50%	3 pint	0.19	0.29
* Aerial Spray	Custom	5	50%	1 acre	10.00	5.00
* Warrior II/Zeon	Insecticide	5	50%	3.84 ounce	2.89	5.55
Electricity Fixed	Other	6	100%	1 acre	30.00	30.00
Haul Grain (Sunflower)	Custom	8	100%	30 cwt	0.30	9.00
	Crop Insurance				10.00	10.00
Total Materials & Services						156.73

*Insecticide for seed weevil and sunflower moth

Total listed costs for Field Operations and Materials and Services		267.35
Interest on Operations Capital \$ 231.66 cash expense @ 5.50% for 6.0 mo.		6.37
Total Operating and Use Related Ownership Costs		273.72
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		411.17
Cost per cwt		13.71
Cash Cost per cwt		9.15