

2018 Nebraska Crop Budgets

Developed and
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Note: These budget projections were created using assumptions thought to be valid for many Nebraska producers; however, each farming operation is unique. These budgets are being released in both Adobe PDF and Excel® worksheet formats. The worksheet format allows producers to 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 whether alterations were made or unrealistic data was entered. 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 <http://cropwatch.unl.edu/economics/budgets>.

Additional Resource Persons

The following individuals contributed to the budgets in their specialty areas:

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**2018 Budget 67-Sunflower, Clearfield, Panhandle, No Till, Following Corn or Grain Sorghum (13 cwt Actual Yield)
Dryland**

Field Operations	Times or Qty	Labor @ Unit	Fuel @ \$2.45 and Lube	Repairs		Ownership		Total	Your Estimate	
				Power	Imp.	Power	Imp.			
1 Spray Herbicide	1	1.00	0.30	0.35	0.29	1.08	0.04	3.06		
2 Spray Herbicide	0.5	0.50	0.15	0.17	0.14	0.54	0.02	1.52		
3 Plant No-Till	1	2.40	0.95	0.86	4.41	2.70	6.13	17.45		
4 Spray Herbicide	1	1.00	0.30	0.35	0.29	1.08	0.04	3.06		
5 Aerial Spray	Custom									
6 Combine Sunflowers	1	3.14	4.23	7.31	1.53	5.84	4.33	26.38		
7 Truck	Custom									
Total for Field Operations			8.04	5.93	9.04	6.66	11.24	10.56	51.47	

Materials & Services	Operation Index	Percent Acres Applied	Application Rate Unit	Applied Price	Total	Your Estimate	
							Glyphosate w/Surfactant
21-0-0-24S	Additive	1	100%	1.7 pound	0.28	0.48	
Prowl H ₂ O	Herbicide	1	100%	2 pint	6.50	13.00	
28-0-0	Fertilizer	1	100%	50 lbs N	0.37	18.33	
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	0.28	0.24	
Prowl H ₂ O	Herbicide	2	50%	1 pint	6.50	3.25	
Sunflower Clearfield	Seed	3	100%	20 thousand	1.44	28.80	
Beyond	Herbicide	4	50%	4 ounce	4.77	9.53	
NIS	Additive	4	50%	5 ounce	0.09	0.21	
UAN	Additive	4	50%	3 pint	0.16	0.24	
* 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					12.82	12.82	
Total Materials & Services						114.76	

*Insecticide for seed weevil and sunflower moth

Total listed costs for Field Operations and Materials and Services	166.23
Interest on Operations Capital \$ 144.43 cash expense @ 5.50% for 6.0 mo.	3.97

Total Operating and Use Related Ownership Costs	170.20
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Overhead (accounting, liability insurance, vehicle cost, office expense)	20.00
Real Estate Opportunity Dryland (Panhandle) \$ 715 per acre @ 3.00%	21.45
Real Estate Taxes \$ 715 per acre @ 1.00%	7.15

Total Cost per Acre Including Overhead	218.80
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Cost per cwt	16.83
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Cash Cost per cwt	11.42
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**2018 Budget 68-Sunflower, Clearfield, Panhandle, Ecofollow, after Wheat, Two Crops in Three Years (16 cwt Actual Yield)
Dryland**

Field Operations	Times or Qty	Unit	Labor @ \$20.00 /Hr	Fuel @ \$2.45 and Lube	Repairs		Ownership		Total	Your Estimate
					Power	Imp.	Power	Imp.		
1 Spray (Prior Year Stubble)	1		1.00	0.30	0.35	0.19	1.08	1.33	4.25	
2 Spray (Prior Year Stubble)	1		1.00	0.30	0.35	0.19	1.08	1.33	4.25	
3 Spray Herbicide	1		1.00	0.30	0.35	0.29	1.08	0.04	3.06	
4 Spray Herbicide	0.5		0.50	0.15	0.17	0.14	0.54	0.02	1.52	
5 Plant No-Till	1		2.40	0.95	0.86	4.41	2.70	6.13	17.45	
6 Spray Herbicide	1		1.00	0.30	0.35	0.29	1.08	0.04	3.06	
7 Aerial Spray	Custom									
8 Combine Sunflowers	1		3.14	4.23	7.31	1.53	5.84	4.33	26.38	
9 Truck	Custom									
Total for Field Operations			10.04	6.53	9.74	7.04	13.40	13.22	59.97	

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	0.28	0.56		
Glyphosate w/Surfactant	Herbicide	2	100%	32 ounce	0.12	3.75		
21-0-0-24S	Additive	2	100%	1.7 pound	0.28	0.48		
Glyphosate w/Surfactant	Herbicide	3	100%	32 ounce	0.12	3.75		
21-0-0-24S	Additive	3	100%	1.7 pound	0.28	0.48		
Prowl H2O	Herbicide	3	100%	2 pint	6.50	13.00		
28-0-0	Fertilizer	3	100%	60 lbs N	0.37	22.00		
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	0.28	0.24		
Prowl H ₂ O	Herbicide	4	50%	1 pint	6.50	3.25		
Sunflower Clearfield	Seed	5	100%	5 thousand	1.44	7.20		
Beyond	Herbicide	6	50%	4 ounce	4.77	9.53		
NIS	Additive	6	50%	5 ounce	0.09	0.21		
UAN	Additive	6	50%	3 pint	0.16	0.24		
* 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				14.00	14.00		
Total Materials & Services							110.87	

*Insecticide for seed weevil and sunflower moth

Total listed costs for Field Operations and Materials and Services

Interest on Operations Capital \$ 144.22 cash expense @ 5.50% for 6.0 mo. 170.84

Total Operating and Use Related Ownership Costs 3.97

Overhead (accounting, liability insurance, vehicle cost, office expense) 174.81

Real Estate Opportunity Dryland (Panhandle) \$ 715 per acre @ 3.00% 20.00

Real Estate Taxes \$ 715 per acre @ 1.00% 21.45

Total Cost per Acre Including Overhead 7.15

Cost per cwt 223.41

Cash Cost per cwt 13.96

Cash Cost per cwt 9.26

**2018 Budget 69-Sunflower, Clearfield, Panhandle, No Till (30 cwt Actual Yield)
Pivot Irrigated, 800 GPM 35 PSI, 8 acre/inches**

Field Operations		Times or Qty	Labor @ Unit	Fuel @ \$2.45 and Lube	Repairs		Ownership		Total	Your Estimate	
					Power	Imp.	Power	Imp.			
1	Spray Herbicide	1		1.00	0.30	0.35	0.29	1.08	0.04	3.06	
2	Spray Fertilizer and Herbicide	1		1.00	0.30	0.35	0.00	1.08	17.38	20.11	
3	Plant No-Till	1		2.40	0.95	0.86	4.41	2.70	6.13	17.45	
4	Spray Herbicide	Custom									
5	Aerial Spray	Custom									
6	Pivot E 125' Lift w/fertigation	8	ai	7.41	23.36	2.34	13.83	4.10	7.59	58.63	
7	Combine Sunflowers	1		3.14	4.23	7.31	1.53	5.84	4.33	26.38	
8	Truck	Custom									
Total for Field Operations				14.95	29.14	11.21	20.06	14.80	35.47	125.63	

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	0.28	0.48	
	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	0.37	36.67	
	Sunflower Clearfield	Seed	3	100%	3.5 thousand	1.44	5.04	
	10-34-0	Fertilizer	3	100%	4 gallon	2.30	9.20	
	Beyond	Herbicide	4	50%	4 ounce	4.77	9.53	
	NIS	Additive	4	50%	5 ounce	0.09	0.21	
	UAN	Additive	4	50%	3 pint	0.16	0.24	
*	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					18.60	18.60	
Total Materials & Services							156.66	

*Insecticide for seed weevil and sunflower moth

Total listed costs for Field Operations and Materials and Services

Interest on Operations Capital	\$ 232.02	cash expense @	5.50%	for 6.0 mo.	6.38
Total Operating and Use Related Ownership Costs					288.67

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

Real Estate Opportunity	Pivot (Panhandle)	\$ 2,815	per acre @	3.00%	84.45
Real Estate Taxes		\$ 2,815	per acre @	1.00%	28.15

Total Cost per Acre Including Overhead 421.27

Cost per cwt 14.04

Cash Cost per cwt 7.95