

2017 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

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**2017 Budget 62-Sunflower Clearfield, Panhandle, No-Till, Following Corn or Grain Sorghum (13 cwt Actual Yield)
Dryland**

Field Operations	Times or Qty	Unit	Labor @ \$20.00 /Hr	Fuel @ \$2.25 and Lube	Repairs		Ownership		Total	Your Estimate
					Power	Imp.	Power	Imp.		
1 Spray	1		1.00	0.27	0.35	0.64	1.15	0.88	4.29	
2 Spray	0.5		0.50	0.14	0.17	0.32	0.57	0.44	2.14	
3 Plant No-Till	1		2.40	0.87	0.86	4.41	2.87	6.77	18.18	
4 Spray	1		1.00	0.27	0.35	0.64	1.15	0.88	4.29	
5 Aerial Spray	Custom									
6 Combine Sunflowers	1		3.14	3.88	7.31	1.53	5.99	4.64	26.49	
7 Truck	Custom									
Total for Field Operations			8.04	5.43	9.04	7.54	11.73	13.61	55.39	

Materials & Services		Operation Index	Percent Acres Applied	Application		Applied Price	Total	Your Estimate	
				Rate	Unit				
Glyphosate w/Surf	Herbicide	1	100%	32	ounce	0.10	3.13		
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	0.43	21.67		
Spartan 4F	Herbicide	1	100%	5	ounce	4.69	23.44		
Glyphosate w/Surf	Herbicide	2	50%	32	ounce	0.10	1.56		
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	thousand	1.28	25.60		
Beyond	Herbicide	4	50%	4	ounce	4.88	9.77		
NIS	Additive	4	50%	5	ounce	0.13	0.31		
UAN	Additive	4	50%	3	pint	0.19	0.28		
* Aerial Spray	Custom	5	50%	1	acre	10.00	5.00		
* Warrior II/Zeon	Insecticide	5	50%	1.92	ounce	2.97	2.85		
Haul Grain (Sunflower)	Custom	7	100%	13	cwt	0.30	3.90		
	Crop Insurance					12.82	0.00		
Total Materials & Services								114.66	

*Insecticide for seed weevil and sunflower moth

Total listed costs for Field Operations and Materials and Services

Interest on Operations Capital \$ 144.71 cash expense @ 5.50% for 6.0 mo. 170.05

Total Operating and Use Related Ownership Costs 3.98

174.03

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

Real Estate Opportunity Dryland (Panhandle) \$ 745 per acre @ 4.00% 29.80

Real Estate Taxes \$ 745 per acre @ 1.00% 7.45

Total Cost per Acre Including Overhead 231.28

Cost per cwt 17.79

Cash Cost per cwt 12.01

2017 Budget 63-Sunflower Clearfield, Panhandle, Ecofallow, after Wheat, Two Crops in Three Years (16 cwt Actual Yield) Dryland

Field Operations	Times or Qty	Unit	Labor @ \$20.00 /Hr	Fuel @ \$2.25 and Lube	Repairs		Ownership		Total	Your Estimate
					Power	Imp.	Power	Imp.		
1 Spray (Prior Year Stubble)	1		1.00	0.27	0.35	0.64	1.15	0.88	4.29	
2 Spray (Prior Year Stubble)	1		1.00	0.27	0.35	0.64	1.15	0.88	4.29	
3 Spray	1		1.00	0.27	0.35	0.64	1.15	0.88	4.29	
4 Spray	0.5		0.50	0.14	0.17	0.32	0.57	0.44	2.14	
5 Plant No-Till	1		2.40	0.87	0.86	4.41	2.87	6.77	18.18	
6 Spray	1		1.00	0.27	0.35	0.64	1.15	0.88	4.29	
7 Aerial Spray	Custom									
8 Combine Sunflowers	1		3.14	3.88	7.31	1.53	5.99	4.64	26.49	
9 Truck	Custom									
Total for Field Operations			10.04	5.97	9.74	8.82	14.03	15.37	63.97	

Materials & Services		Operation Index	Percent Acres Applied	Application		Applied Price	Total	Your Estimate	
				Rate	Unit				
Landmaster BW	Herbicide	1	100%	54	ounce	0.15	8.02		
21-0-0-24S	Additive	1	100%	2	pound	0.35	0.70		
Glyphosate w/Surf	Herbicide	2	100%	32	ounce	0.10	3.13		
21-0-0-24S	Additive	2	100%	1.7	pound	0.35	0.60		
Glyphosate w/Surf	Herbicide	3	100%	32	ounce	0.10	3.13		
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	0.43	26.00		
Spartan 4F	Herbicide	3	100%	5	ounce	4.69	23.44		
Glyphosate w/Surf	Herbicide	4	50%	32	ounce	0.10	1.56		
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	thousand	1.28	6.40		
Beyond	Herbicide	6	50%	4	ounce	4.88	9.77		
NIS	Additive	6	50%	5	ounce	0.13	0.31		
UAN	Additive	6	50%	3	pint	0.19	0.28		
* Aerial Spray	Custom	7	50%	1	acre	10.00	5.00		
* Warrior II/Zeon	Insecticide	7	50%	1.92	ounce	2.97	2.85		
Haul Grain (Sunflower)	Custom	9	100%	16	cwt	0.30	4.80		
	Crop Insurance					14.00	0.00		
Total Materials & Services								113.14	

*Insecticide for seed weevil and sunflower moth

Total listed costs for Field Operations and Materials and Services

Interest on Operations Capital \$ 147.71 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 Dryland (Panhandle) \$ 745 per acre @ 4.00%

Real Estate Taxes \$ 745 per acre @ 1.00%

Total Cost per Acre Including Overhead

Cost per cwt

Cash Cost per cwt

177.11	
4.06	
181.17	
20.00	
29.80	
7.45	
238.42	
14.90	
9.95	

**2017 Budget 64-Sunflower Clearfield, Panhandle, No-Till (30 cwt Actual Yield)
Pivot Irrigated, 800 GPM 35 PSI, 8 acre/inches**

Field Operations	Times or Qty	Unit	Labor @ \$20.00 /Hr	Fuel @ \$2.25 and Lube	Repairs		Ownership		Total	Your Estimate
					Power	Imp.	Power	Imp.		
1 Spray	1		1.00	0.27	0.35	0.64	1.15	0.88	4.29	
2 Spray Fertilizer and Herbicide	1		1.00	0.27	0.35	0.19	1.15	2.21	5.17	
3 Plant No-Till	1		2.40	0.87	0.86	4.41	2.87	6.77	18.18	
4 Spray	Custom									
5 Aerial Spray	Custom									
6 Pivot E 125' Lift w/fertigation	8	ai	7.41	22.30	2.34	13.83	4.24	8.27	58.39	
7 Combine Sunflowers	1		3.14	3.88	7.31	1.53	5.99	4.64	26.49	
8 Truck	Custom									
Total for Field Operations			14.95	27.59	11.21	20.60	15.40	22.77	112.52	

Materials & Services	Operation Index	Percent Acres Applied	Application		Applied Price	Total	Your Estimate
			Rate	Unit			
Glyphosate w/Surf	1	100%	32	ounce	0.10	3.13	
21-0-0-24S	1	100%	1.7	pound	0.35	0.60	
Prowl H2O	2	100%	2.3	pint	6.50	14.95	
Spartan 4F	2	100%	4	ounce	4.69	18.75	
28-0-0	2	100%	100	lbs N	0.43	43.33	
Sunflower Clearfield	3	100%	3.5	thousand	1.28	4.48	
10-34-0	3	100%	4	gallon	2.40	9.60	
Beyond	4	50%	4	ounce	4.88	9.77	
NIS	4	50%	5	ounce	0.13	0.31	
UAN	4	50%	3	pint	0.19	0.28	
* Aerial Spray	5	50%	1	acre	10.00	5.00	
* Warrior II/Zeon	5	50%	3.84	ounce	2.97	5.70	
Electricity Fixed	6	100%	1	acre	30.00	30.00	
Haul Grain (Sunflower)	8	100%	30	cwt	0.30	9.00	
					18.60	0.00	
Total Materials & Services						154.90	

*Insecticide for seed weevil and sunflower moth

Total listed costs for Field Operations and Materials and Services

Interest on Operations Capital \$ 229.25 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 \$ 3,290 per acre @ 4.00%
Real Estate Taxes \$ 3,290 per acre @ 1.00%

Total Cost per Acre Including Overhead

Cost per cwt

Cash Cost per cwt