

# 2016 Nebraska Crop Budgets

## Developed and Edited by

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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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**2016 Budget 62-Sunflower, Panhandle, No-Till, Following Corn or Grain Sorghum (13 cwt Actual Yield)  
Dryland**

Field Operations	Times or Qty	Labor @ Unit \$20.00 /Hr	Fuel @ \$2.25 and Lube	Repairs		Ownership		Total	Your Estimate
				Power	Imp.	Power	Imp.		
1 Spray	1	1.00	0.27	0.33	0.64	1.11	0.88	4.23	
2 Spray	0.5	0.50	0.14	0.17	0.32	0.55	0.44	2.12	
3 Plant No-Till	1	2.40	0.87	0.83	4.37	2.76	6.70	17.93	
4 Aerial Spray	Custom								
5 Combine Sunflowers	1	3.14	3.88	7.31	1.51	5.99	4.59	26.42	
6 Truck	Custom								
<b>Total for Field Operations</b>		7.04	5.16	8.64	6.84	10.41	12.61	50.70	

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 <sub>2</sub> O	Herbicide	1	100%	2 pint	6.50	13.00	
28-0-0	Fertilizer	1	100%	50 lbs N	0.47	23.33	
Spartan 4F	Herbicide	1	100%	5 ounce	5.86	29.30	
Glyphosate w/Surf	Herbicide	2	50%	32 ounce	0.13	2.00	
21-0-0-24S	Additive	2	50%	1.7 pound	0.35	0.30	
Prowl H <sub>2</sub> O	Herbicide	2	50%	1 pint	6.50	3.25	
Sunflower	Seed	3	100%	5 pound	1.05	5.25	
* Aerial Spray	Custom	4	50%	1 acre	9.50	4.75	
* Warrior II/Zeon	Insecticide	4	50%	1.92 ounce	2.97	2.85	
Haul Grain (Sunflower)	Custom	6	100%	13 cwt	0.30	3.90	
Sunflower Dryland	Crop Insurance				12.82	12.82	
<b>Total Materials &amp; Services</b>						105.35	

\*Insecticide for seed weevil and sunflower moth

**Total listed costs for Field Operations and Materials and Services** 156.05

Interest on Operations Capital \$ 133.03 cash expense @ 5.50% for 6.0 mo. 3.66

**Total Operating and Use Related Ownership Costs** 159.71

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

Real Estate Opportunity Dryland (Panhandle) \$ 730 per acre @ 4.00% 29.20

Real Estate Taxes \$ 730 per acre @ 1.00% 7.30

**Total Cost per Acre Including Overhead** 216.21

**Cost per cwt** 16.63

**Cash Cost per cwt** 11.08

**2016 Budget 63-Sunflower, 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 @ \$2.25 and Lube	Repairs		Ownership		Total	Your Estimate
					Power	Imp.	Power	Imp.		
1 Spray (Prior Year Stubble)	1		1.00	0.27	0.33	0.64	1.11	0.88	4.23	
2 Spray (Prior Year Stubble)	1		1.00	0.27	0.33	0.64	1.11	0.88	4.23	
3 Spray	1		1.00	0.27	0.33	0.64	1.11	0.88	4.23	
4 Spray	0.5		0.50	0.14	0.17	0.32	0.55	0.44	2.12	
5 Plant No-Till	1		2.40	0.87	0.83	4.37	2.76	6.70	17.93	
6 Aerial Spray	Custom									
7 Combine Sunflowers	1		3.14	3.88	7.31	1.51	5.99	4.59	26.42	
8 Truck	Custom									
<b>Total for Field Operations</b>			9.04	5.70	9.30	8.12	12.63	14.37	59.16	

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	0.13	4.00	
21-0-0-24S	Additive	2	100%	1.7	pound	0.35	0.60	
Glyphosate w/Surf	Herbicide	3	100%	32	ounce	0.13	4.00	
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	0.47	28.00	
Spartan 4F	Herbicide	3	100%	5	ounce	5.86	29.30	
Glyphosate w/Surf	Herbicide	4	50%	32	ounce	0.13	2.00	
21-0-0-24S	Additive	4	50%	1.7	pound	0.35	0.30	
Prowl H <sub>2</sub> O	Herbicide	4	50%	1	pint	6.50	3.25	
Sunflower	Seed	5	100%	5	pound	1.05	5.25	
* Aerial Spray	Custom	6	50%	1	acre	9.50	4.75	
* Warrior II/Zeon	Insecticide	6	50%	1.92	ounce	2.97	2.85	
Haul Grain (Sunflower)	Custom	8	100%	16	cwt	0.30	4.80	
Sunflower Dryland	Crop Insurance					14.00	14.00	
<b>Total Materials &amp; Services</b>							125.42	

\*Insecticide for seed weevil and sunflower moth

**Total listed costs for Field Operations and Materials and Services**

Interest on Operations Capital \$ 157.58	cash expense @	5.50%	for 6.0 mo.	184.58
				4.33

**Total Operating and Use Related Ownership Costs**

<b>Overhead</b> (accounting, liability insurance, vehicle cost, office expense)				20.00
Real Estate Opportunity	Dryland (Panhandle)	\$ 730	per acre @	4.00%
Real Estate Taxes		\$ 730	per acre @	1.00%

**Total Cost per Acre Including Overhead**

<b>Cost per cwt</b>	15.34
<b>Cash Cost per cwt</b>	10.58

**2016 Budget 64-Sunflower, 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	0.33	0.64	1.11	0.88	4.23	
2 Spray Fertilizer and Herbicide	1		1.00	0.27	0.33	0.19	1.11	2.21	5.11	
3 Plant No-Till	1		2.40	0.87	0.83	4.37	2.76	6.70	17.93	
4 Aerial Spray	Custom									
5 Pivot E 125' Lift w/fertigation	8	ai	7.41	22.30	2.34	13.83	4.24	8.27	58.39	
6 Combine Sunflowers	1		3.14	3.88	7.31	1.51	5.99	4.59	26.42	
7 Truck	Custom									
<b>Total for Field Operations</b>			14.95	27.59	11.14	20.54	15.21	22.65	112.08	

Materials & Services	Operation Index	Percent Acres Applied	Application		Applied Price	Total	Your Estimate	
			Rate	Unit				
Glyphosate w/Surf	Herbicide	1	100%	32	ounce	0.13	4.00	
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	5.86	23.44	
28-0-0	Fertilizer	2	100%	50	lbs N	0.47	23.33	
Sunflower	Seed	3	100%	3.5	pound	1.05	3.68	
10-34-0	Fertilizer	3	100%	4	gallon	2.80	11.20	
* Aerial Spray	Custom	4	50%	1	acre	9.50	4.75	
* Warrior II/Zeon	Insecticide	4	50%	3.84	ounce	2.97	5.70	
Electricity Fixed	Other	5	100%	1	acre	30.00	30.00	
Haul Grain (Sunflower)	Custom	7	100%	30	cwt	0.30	9.00	
Sunflower Irrigated	Crop Insurance					18.60	18.60	
<b>Total Materials &amp; Services</b>						149.25		

\*Insecticide for seed weevil and sunflower moth

**Total listed costs for Field Operations and Materials and Services**

Interest on Operations Capital	\$ 223.47	cash expense @	5.50%	for 6.0 mo.	6.15		
<b>Total Operating and Use Related Ownership Costs</b>					267.48		

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

Real Estate Opportunity	Pivot (Panhandle)	\$ 3,625	per acre @	4.00%	145.00		
Real Estate Taxes		\$ 3,625	per acre @	1.00%	36.25		
<b>Total Cost per Acre Including Overhead</b>						468.73	

<b>Cost per cwt</b>	15.62	
<b>Cash Cost per cwt</b>	7.65	