

# 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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**47-Grass, Conventional Tillage, Fall Establishment, Pivot Irrigated Diesel**

**2019 Budget 47-Grass, Conventional Tillage, Fall Establishment  
Pivot Irrigated Diesel, 800 GPM 35 PSI, 2 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	Field Cultivation	1		1.47	1.56	0.58	1.33	1.80	1.51	8.25	
3	Grass Drill	1		2.44	1.37	0.96	6.46	3.00	2.59	16.82	
4	Roll	1		2.22	1.74	0.96	0.00	3.00	0.00	7.92	
5	Pivot D 125' Lift	2	ai	1.39	10.63	0.69	3.23	0.92	1.77	18.63	
6	Spread Fertilizer	1		1.57	0.87	0.68	0.00	2.12	0.00	5.24	
<b>Total for Field Operations</b>				11.11	18.35	4.17	12.29	14.88	7.01	67.81	
Materials & Services				Operation Index	Percent Acres Applied	Application Rate Unit		Applied Price	Total	Your Estimate	
Grass Seed			Seed	3	100%	1 acre		75.00	75.00		
11-52-0			Fertilizer	6	100%	60 pound		0.27	16.20		
<b>Total Materials &amp; Services</b>									91.20		
<b>Total listed costs for Field Operations and Materials and Services</b>										159.01	
Interest on Operations Capital \$ 137.12 cash expense @ 5.50% for 6.0 mo.										3.77	
<b>Total Operating and Use Related Ownership Costs</b>										162.78	
<b>Overhead</b> (accounting, liability insurance, vehicle cost, office expense)										20.00	
Real Estate Opportunity			Fall Establishment	\$	-	per acre @		3.00%	0.00		
Real Estate Taxes				\$	-	per acre @		1.35%	0.00		
<b>Total Cost per Acre Including Overhead</b>										182.78	

**48-Grass Hay, Large Round Bale, 2.2 ton Yield**

**2019 Budget 48-Grass Hay, Large Round Bale, 2.2 ton Yield**

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	Spread Fertilizer	1		1.57	0.87	0.68	0.00	2.12	0.00	5.24	
2	Swath/Condition Hay	1		2.00	1.43	2.31	0.00	3.33	0.00	9.07	
3	Bale Large Round	2.2	ton	4.84	1.81	1.90	2.37	5.93	2.28	19.13	
4	Move Large Round	2.2	ton	2.42	1.26	0.95	0.00	2.97	0.12	7.72	
<b>Total for Field Operations</b>				10.83	5.37	5.84	2.37	14.35	2.40	41.16	

Materials & Services			Operation Index	Percent Acres Applied	Application Rate Unit	Applied Price	Total	Your Estimate
46-0-0	Fertilizer							
11-52-0	Fertilizer		1	100%	15 pound	0.27	4.05	
Twine Large Round	Other		3	100%	2.2 ton	0.91	2.00	
<b>Total Materials &amp; Services</b>							22.85	

**Total listed costs for Field Operations and Materials and Services** 64.01

Interest on Operations Capital \$ 47.26 cash expense @ 5.50% for 6.0 mo. 1.30

**Total Operating and Use Related Ownership Costs** 65.31

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

Real Estate Opportunity  \$ 3,100 per acre @ 3.00% 93.00

Real Estate Taxes \$ 3,100 per acre @ 1.35% 41.85

**Total Cost per Acre Including Overhead** 220.16

**Cost per ton** 100.07

**Cash Cost per ton** 41.10

49-Millet, Panhandle, Stubble Mulch Fallow, Followed by Wheat, Two Crops in Three Years, 22 cwt Yield, Dryland

2019 Budget 49-Millet, Panhandle, Stubble Mulch Fallow, Followed by Wheat, Two Crops in Three Years, 22 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 Sweep Plow	1		1.76	1.98	0.26	0.96	3.52	1.51	9.99	
3 Rod Weeder	1		1.52	1.16	0.65	0.23	2.04	0.91	6.51	
4 Spray Fertilizer	1		1.00	0.30	0.35	0.19	1.08	2.03	4.95	
5 Drill	1		1.76	1.14	0.69	2.94	2.16	2.35	11.04	
6 Spray Herbicide	1		1.00	0.30	0.35	0.64	1.08	0.81	4.18	
7 Windrow Grain	1		2.00	1.43	2.31	0.00	3.33	0.00	9.07	
8 Combine Small Grain	1		3.14	4.28	7.31	0.94	5.84	2.65	24.16	
9 Truck	Custom									
<b>Total for Field Operations</b>			13.18	10.89	12.27	6.54	20.13	11.07	74.08	

  

Materials & Services	Operation Index	Percent Acres Applied	Application Rate Unit	Applied Price	Total	Your Estimate	
							Glyphosate w/Surfactant
2,4-D Ester LV4	Herbicide	1	100%	1.5 pint	2.13	3.19	
21-0-0-24S	Additive	1	100%	1.7 pound	0.35	0.60	
28-0-0	Fertilizer	4	100%	45 lbs N	0.44	19.95	
Millet	Seed	5	100%	12 pound	0.45	5.40	
2,4-D Amine	Herbicide	6	100%	0.75 pint	1.50	1.13	
Dicamba	Herbicide	6	100%	0.5 ounce	0.32	0.16	
Haul Grain (Millet)	Custom	9	100%	22 cwt	0.24	5.28	
Crop Insurance					8.00	8.00	
<b>Total Materials &amp; Services</b>						47.46	

  

<b>Total listed costs for Field Operations and Materials and Services</b>						121.54
Interest on Operations Capital \$ 90.34	cash expense @	5.50%	for 6.0 mo.			2.48
<b>Total Operating and Use Related Ownership Costs</b>						124.02
<b>Overhead</b> (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
<b>Total Cost per Acre Including Overhead</b>						173.17
<b>Cost per cwt</b>						7.87
<b>Cash Cost per cwt</b>						4.63

50-Millet, No Till, 22 cwt Yield, Dryland

2019 Budget 50-Millet, No Till, 22 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 Fertilizer	1		1.00	0.30	0.35	0.19	1.08	2.03	4.95	
3 No-Till Drill	1		1.83	1.45	0.72	1.57	2.25	3.21	11.03	
4 Spray Herbicide	1		1.00	0.30	0.35	0.64	1.08	0.81	4.18	
5 Windrow Grain	1		2.00	1.43	2.31	0.00	3.33	0.00	9.07	
6 Combine Small Grain	1		3.14	4.28	7.31	0.94	5.84	2.65	24.16	
7 Truck	Custom									
<b>Total for Field Operations</b>			9.97	8.06	11.39	3.98	14.66	9.51	57.57	

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	0.35	0.60	
28-0-0	Fertilizer	2	100%	45 lbs N	0.44	19.95	
Glyphosate w/Surfactant	Herbicide	2	100%	20 ounce	0.12	2.34	
Vida	Herbicide	2	100%	2 ounce	4.30	8.59	
Millet	Seed	3	100%	12 pound	0.45	5.40	
2,4-D Amine	Herbicide	4	100%	0.75 pint	1.50	1.13	
Dicamba	Herbicide	4	100%	0.5 ounce	0.32	0.16	
Haul Grain (Millet)	Custom	7	100%	22 cwt	0.24	5.28	
	Crop Insurance				8.00	8.00	
<b>Total Materials &amp; Services</b>						55.20	

**Total listed costs for Field Operations and Materials and Services** 112.77

Interest on Operations Capital \$ 88.60 cash expense @ 5.50% for 6.0 mo. 2.44

**Total Operating and Use Related Ownership Costs** 115.21

**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** 164.36

**Cost per cwt** 7.47

**Cash Cost per cwt** 4.55

51-Oats, No Till, 85 bu Yield, Dryland

2019 Budget 51-Oats, No Till, 85 bu 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	1		1.00	0.30	0.35	0.19	1.08	2.03	4.95	
2 No-Till Drill	1		1.83	1.45	0.72	1.57	2.25	3.21	11.03	
3 Spray Herbicide	1		1.00	0.30	0.35	0.64	1.08	0.81	4.18	
4 Combine Small Grain	1		3.14	4.28	7.31	0.94	5.84	2.65	24.16	
5 Truck	Custom									
<b>Total for Field Operations</b>			6.97	6.33	8.73	3.34	10.25	8.70	44.32	

Materials & Services	Operation Index	Percent Acres Applied	Application Rate Unit	Applied Price	Total	Your Estimate
28-0-0 Fertilizer	1	100%	100 lbs N	0.44	44.33	
Oats Seed	2	100%	2 bushel	10.00	20.00	
10-34-0 Fertilizer	2	100%	6 gallon	2.45	14.70	
Aim 2EC Herbicide	3	100%	0.5 ounce	5.94	2.97	
2,4-D Ester LV4 Herbicide	3	100%	0.5 pint	2.13	1.06	
NIS Additive	3	100%	6 ounce	0.18	1.08	
Haul Grain Bushels Custom	5	100%	85 bushel	0.11	9.35	
Crop Insurance				7.00	7.00	
<b>Total Materials &amp; Services</b>					100.49	

<b>Total listed costs for Field Operations and Materials and Services</b>					144.81	
Interest on Operations Capital \$ 125.86	cash expense @	5.50%	for 6.0 mo.		3.46	
<b>Total Operating and Use Related Ownership Costs</b>					148.27	
<b>Overhead</b> (accounting, liability insurance, vehicle cost, office expense)					20.00	
Real Estate Opportunity	Dryland (State)	\$ 3,100	per acre @	3.00%	93.00	
Real Estate Taxes		\$ 3,100	per acre @	1.35%	41.85	
<b>Total Cost per Acre Including Overhead</b>					303.12	
<b>Cost per bu</b>					3.57	
<b>Cash Cost per bu</b>					2.01	

52-Pasture, Grazing, 11 AUM Yield, Pivot Irrigated Diesel

2019 Budget 52-Pasture, Grazing, 11 AUM Yield  
Pivot Irrigated Diesel, 800 GPM 35 PSI, 18 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 Pivot D 125' Lift w/fertigation	18	ai	16.67	95.64	6.17	31.13	8.26	17.09	174.96	
<b>Total for Field Operations</b>			16.67	95.64	6.17	31.13	8.26	17.09	174.96	
Materials & Services			Operation Index	Percent Acres Applied	Application Rate Unit	Applied Price	Total	Your Estimate		
28-0-0		Fertilizer							1	100%
Fence/Water Repairs		Other		100%	1 acre	2.00	2.00			
Fence/Water Repairs		Other		100%	1 acre	2.00	2.00			
Move Cattle		Other		100%	1 hour	20.00	20.00			
<b>Total Materials &amp; Services</b>							121.53			
<b>Total listed costs for Field Operations and Materials and Services</b>								296.49		
Interest on Operations Capital \$ 271.14 cash expense @ 5.50% for 6.0 mo.								7.46		
<b>Total Operating and Use Related Ownership Costs</b>								303.95		
<b>Overhead</b> (accounting, liability insurance, vehicle cost, office expense)								20.00		
Real Estate Opportunity		Pivot (Marginal Land)	\$ 4,291	per acre @	3.00%		128.73			
Real Estate Taxes			\$ 4,291	per acre @	1.35%		57.93			
<b>Total Cost per Acre Including Overhead</b>								510.61		
<b>Cost per AUM</b>								46.42		
<b>Cash Cost per AUM</b>								30.59		

53-Peas, No Till, 35 bu Yield, Dryland

2019 Budget 53-Peas, No Till, 35 bu 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	No-Till Drill	1		1.83	1.45	0.72	1.57	2.25	3.21	11.03	
2	Spray Herbicide	1		1.00	0.30	0.35	0.64	1.08	0.81	4.18	
3	Combine Small Grain	1		3.14	4.28	7.31	0.94	5.84	2.65	24.16	
4	Truck	Custom									
<b>Total for Field Operations</b>				5.97	6.03	8.38	3.15	9.17	6.67	39.37	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate Unit	Applied Price	Total	Your Estimate
Peas	Seed	1	100%	3 bushel	18.00	54.00	
Pea Seed Inoculant	Fungicide	1	100%	1 pound	0.06	0.06	
Sharpen	Herbicide	2	100%	2 ounce	6.80	13.59	
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	
Haul Grain Bushels	Custom	4	100%	35 bushel	0.11	3.85	
	Crop Insurance				9.00	9.00	
<b>Total Materials &amp; Services</b>						84.85	

<b>Total listed costs for Field Operations and Materials and Services</b>						124.22	
Interest on Operations Capital \$ 108.38 cash expense @ 5.50% for 6.0 mo.						2.98	
<b>Total Operating and Use Related Ownership Costs</b>						127.20	
<b>Overhead</b> (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	
<b>Total Cost per Acre Including Overhead</b>						176.35	
<b>Cost per bu</b>						5.04	
<b>Cash Cost per bu</b>						3.44	



**54-Sorghum-Sudan, Annually Planted, Conventional Tillage, Large Round Bale, 3.3 ton Yield, Dryland**

**2019 Budget 54-Sorghum-Sudan, Annually Planted, Conventional Tillage, Large Round Bale, 3.3 ton 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	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	Field Cultivation	1		1.47	1.56	0.58	1.33	1.80	1.51	8.25	
4	Drill	1		1.76	1.14	0.69	2.94	2.16	2.35	11.04	
5	Swath/Condition Hay	1		2.00	1.43	2.31	0.00	3.33	0.00	9.07	
6	Bale Large Round	3.3	ton	7.26	2.72	2.85	3.55	8.90	3.41	28.69	
7	Move Large Round	3.3	ton	3.63	1.89	1.42	0.00	4.45	0.18	11.57	
<b>Total for Field Operations</b>				19.14	11.22	8.50	9.28	25.76	10.62	84.52	

Materials & Services			Operation Index	Percent Acres Applied	Application Rate Unit	Applied Price	Total	Your Estimate
28-0-0	Fertilizer		2	100%	40 lbs N	0.44	17.73	
Sorghum Sudan	Seed		4	100%	10 pound	0.90	9.00	
Twine Large Round	Other		6	100%	3.3 ton	0.91	3.00	
<b>Total Materials &amp; Services</b>							29.73	

**Total listed costs for Field Operations and Materials and Services** 114.25

Interest on Operations Capital \$ 77.87 cash expense @ 5.50% for 6.0 mo. 2.14

**Total Operating and Use Related Ownership Costs** 116.39

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

Real Estate Opportunity Dryland (State) \$ 3,100 per acre @ 3.00% 93.00

Real Estate Taxes \$ 3,100 per acre @ 1.35% 41.85

**Total Cost per Acre Including Overhead** 271.24

**Cost per ton** 82.19

**Cash Cost per ton** 36.93