

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

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

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2017 Budget 35-Dry Beans, Conventional Tillage (25 cwt Actual Yield)
Canal Irrigated, Gravity, 10 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 Chop Stalks	1		1.78	1.20	0.70	0.35	2.32	1.72	8.07	
2 Disk	2		4.03	3.93	0.60	2.54	8.63	2.46	22.19	
3 Spray	1		1.00	0.27	0.35	0.64	1.15	0.88	4.29	
4 Plow	1		2.93	2.07	0.44	0.86	6.28	0.58	13.16	
5 Roller Harrow	1		2.00	1.29	0.86	0.52	2.87	1.64	9.18	
6 Field Cultivation	1		1.47	1.41	0.58	1.33	1.91	1.64	8.34	
7 Plant	1		2.40	0.71	0.86	2.54	2.87	3.89	13.27	
8 Spray	0.6		0.60	0.16	0.21	0.38	0.69	0.53	2.57	
9 Row Crop Cultivation	1		2.00	0.82	0.78	0.44	2.60	1.64	8.28	
10 Ridge Cultivate/Ditch	1		1.83	1.15	0.72	0.37	2.39	1.64	8.10	
11 Ditch Irrigation	10	ai	11.11	0.00	0.00	0.00	0.00	0.00	11.11	
12 Aerial Spray	Custom									
13 Aerial Spray	Custom									
14 Pickett Windrowers	1		2.20	1.57	0.86	0.72	2.87	1.38	9.60	
15 Combine Irr Dry Beans	1		4.40	5.43	10.23	2.03	8.39	2.84	33.32	
16 Truck	Custom									
17 Chisel	1		1.98	1.93	0.78	2.11	2.58	1.64	11.02	
Total for Field Operations			39.73	21.94	17.97	14.83	45.55	22.48	162.50	

Materials & Services		Operation Index	Percent Acres Applied	Application Rate Unit	Applied Price	Total	Your Estimate	
								Outlook
Prowl H2O	Herbicide	3	100%	2 pint	6.50	13.00		
Edible Beans	Seed	7	100%	0.65 cwt	92.00	59.80		
10-34-0-1Z	Fertilizer	7	100%	7 gallon	2.45	17.15		
32-0-0	Fertilizer	7	100%	7 lbs N	0.42	2.94		
Basagran	Herbicide	8	60%	1 pint	10.00	6.00		
Raptor	Herbicide	8	60%	4 ounce	4.77	11.44		
NIS	Additive	8	60%	5 ounce	0.13	0.38		
UAN	Additive	8	60%	4 pint	0.19	0.45		
* Aerial Spray	Custom	12	60%	1 acre	10.00	6.00		
* Asana XL	Insecticide	12	60%	4.5 ounce	0.66	1.79		
Aerial Spray	Custom	13	100%	1 acre	10.00	10.00		
Copper	Fungicide	13	100%	2 pint	3.50	7.00		
Priaxor	Fungicide	13	100%	4 ounce	5.47	21.88		
Haul Grain (Dry Beans)	Custom	16	100%	25 cwt	0.28	7.00		
Irrigation District O&M Charge	Other	11	100%	1 acre	30.00	30.00		
Scouting Dry Beans	Scouting		100%	1 acre	10.00	10.00		
	Crop Insurance				16.30	0.00		
Total Materials & Services							221.24	

* Mexican Bean Beetle and Western Bean Cutworm

Total listed costs for Field Operations and Materials and Services		383.74
Interest on Operations Capital \$ 315.71 cash expense @ 5.50% for 6.0 mo.		8.68
Total Operating and Use Related Ownership Costs		392.42

Overhead (accounting, liability insurance, vehicle cost, office expense)		20.00
Real Estate Opportunity Gravity (Panhandle) \$ 2,970 per acre @ 4.00%		118.80
Real Estate Taxes \$ 2,970 per acre @ 1.00%		29.70
Total Cost per Acre Including Overhead		560.92

Cost per cwt		22.44
Cash Cost per cwt		14.16

**2017 Budget 36-Dry Beans, Conventional Tillage Using Pumped Water (25 cwt Actual Yield)
Pivot Irrigated, 800 GPM 35 PSI, 9 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	Disk	2		4.03	3.93	0.60	2.54	8.63	2.46	22.19	
2	Chisel	1		1.98	1.93	0.78	2.11	2.58	1.64	11.02	
3	Spray	1		1.00	0.27	0.35	0.64	1.15	0.88	4.29	
4	Field Cultivation	1		1.47	1.41	0.58	1.33	1.91	1.64	8.34	
5	Plant	1		2.40	0.71	0.86	2.54	2.87	3.89	13.27	
6	Spray	0.6		0.60	0.16	0.21	0.38	0.69	0.53	2.57	
7	Row Crop Cultivation	1		2.00	0.82	0.78	0.44	2.60	1.64	8.28	
8	Pivot E 125' Lift	9	ai	6.25	25.08	2.63	14.53	4.77	8.69	61.95	
9	Aerial Spray	Custom									
10	Aerial Spray	Custom									
11	Pickett Windrowers	1		2.20	1.57	0.86	0.72	2.87	1.38	9.60	
12	Combine Irr Dry Beans	1		4.40	5.43	10.23	2.03	8.39	2.84	33.32	
13	Truck	Custom									
Total for Field Operations				26.33	41.31	17.88	27.26	36.46	25.59	174.83	

Materials & Services		Operation Index	Percent Acres Applied	Application		Applied Price	Total	Your Estimate
				Rate	Unit			
Outlook	Herbicide	3	100%	14	ounce	1.17	16.41	
Prowl H2O	Herbicide	3	100%	2	pint	6.50	13.00	
Edible Beans	Seed	5	100%	0.65	cwt	92.00	59.80	
10-34-0-1Z	Fertilizer	5	100%	7	gallon	2.45	17.15	
32-0-0	Fertilizer	5	100%	7	lbs N	0.42	2.94	
Raptor	Herbicide	6	60%	4	ounce	4.77	11.44	
Basagran	Herbicide	6	60%	1	pint	10.00	6.00	
NIS	Additive	6	60%	5	ounce	0.13	0.38	
UAN	Additive	6	60%	4	pint	0.19	0.45	
Electricity Fixed	Other	8	100%	1	acre	30.00	30.00	
* Aerial Spray	Custom	9	60%	1	acre	10.00	6.00	
* Asana XL	Insecticide	9	60%	4.5	ounce	0.66	1.79	
Aerial Spray	Custom	10	100%	1	acre	10.00	10.00	
Copper	Fungicide	10	100%	2	pint	3.50	7.00	
Priaxor	Fungicide	10	100%	4	ounce	5.47	21.88	
Haul Grain (Dry Beans)	Custom	13	100%	25	cwt	0.28	7.00	
Scouting Dry Beans	Scouting		100%	1	acre	10.00	10.00	
	Crop Insurance					16.30	0.00	
Total Materials & Services							221.24	

* Mexican Bean Beetle and Western Bean Cutworm

Total listed costs for Field Operations and Materials and Services 396.07

Interest on Operations Capital \$ 334.02 cash expense @ 5.50% for 6.0 mo. 9.19

Total Operating and Use Related Ownership Costs 405.26

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

Real Estate Opportunity Pivot (Panhandle) \$ 3,290 per acre @ 4.00% 131.60

Real Estate Taxes \$ 3,290 per acre @ 1.00% 32.90

Total Cost per Acre Including Overhead 589.76

Cost per cwt 23.59

Cash Cost per cwt 15.04

