

Crop Budgets

Nebraska – 2011

Edited by

Robert N. Klein, Western Nebraska Crops Specialist
Roger K. Wilson, Farm Management/Enterprise Budget Analyst

This contains information on how the *2011 Nebraska Crop Production Budgets* (EC872) were prepared and tables of input costs used to develop them.

- Crop budgeting procedures
- Machinery operation and ownership costs
- Materials and services prices
- Crop budget production cost summary

Nebraska Crop Budgets, 2011 (EC872), as well as related publications, can be viewed online at <http://extension.unl.edu/publications>.

**2011 Budget 21. Dry Beans, Conventional with Wheat Cover Crop (25 cwt)
Pivot 800 GPM 35 PSI, 8 Acre-inches**

	Field Operations	Times or Qty	Labor @ \$12/Hr	Fuel @ \$3 and Lube	Repairs		Ownership		Total	Your Estimate
					Power	Imp.	Power	Imp.		
1	Field Cultivation	1	0.62	1.33	0.07	0.41	1.43	0.83	4.69	
2	Disc	1	1.21	2.62	0.13	1.29	2.78	1.26	9.29	
3	Spray (on disc)	1	0.20		0.02	0.10	0.46	0.63	1.41	
4	Plant	1	2.20	1.57	0.41	4.07	2.28	2.14	12.67	
5	Hoe	1	0.90	0.86	0.10	0.17	2.07	0.13	4.23	
6	Row Crop Cultivation	1	2.00	1.76	0.23	0.81	5.06	0.79	10.65	
7	Ridge Cultivation	1	2.00	3.07	0.41	1.12	2.28	1.09	9.97	
8	Weed	Labor								
9	PivotE 125' Lift	8 AI	3.33	18.69	3.13	9.22	2.10	5.52	41.99	
10	Spray	1	0.60	0.41	0.11	0.21	0.62	0.25	2.20	
11	Aerial Spray	Custom								
12	Aerial Spray	Custom								
13	Pickett Windrowers	1	1.88	2.98	0.35	0.48	1.95	3.60	11.24	
14	Combine Irr Dry Beans	1	2.78	5.81	3.93	0.15	15.36	2.91	30.94	
15	Truck	Custom								
16	Plant	1	2.20	1.57	0.41	4.07	2.28	2.14	12.67	
	Total for Field Operations		\$19.92	\$40.67	\$9.30	\$22.10	\$38.67	\$21.29	\$151.95	

Materials and Services		Operation Index	Percent Acres Applied	Application		Applied Price	Total	Your Estimate	
				Rate	Unit				
Outlook	Herbicide	3	100%	14	ounces	1.54	21.55		
Prowl H ₂ O	Herbicide	3	100%	2.00	pints	5.38	10.75		
Edible Beans	Seed	4	100%	0.5	acre	45.00	22.50		
10-34-0-12	Fertilizer	4	100%	7	gallons	4.60	32.20		
32-0-0	Fertilizer	4	100%	7	lb N	0.53	3.71		
Elec Connect Fees	Other	9	100%	1	acre	3.65	3.65		
Basagran	Herbicide	10	60%	1	pint	13.75	8.25		
Raptor	Herbicide	10	60%	4	ounces	5.39	12.94		
*Aerial Spray	Custom	10	60%	1	acre	7.50	4.50		
*Warrior II/Zeon	Insecticide	10	60%	1.92	ounces	3.91	4.50		
Aerial Spray	Custom	11	100%	1	acre	7.50	7.50		
Copper	Fungicide	11	100%	2	pints	4.50	9.00		
Headline	Fungicide	11	100%	6	ounces	3.17	19.05		
Haul Grain (Dry Beans)	Custom	15	100%	25	cwts	0.25	4.50		
Wheat	Seed	14	100%	30	pounds	0.13	3.90		
Scouting Dry Bean	Scouting	-	100%	1	acre	9.00	9.00		
Dry Bean Premium	Crop Insurance	-	100%	1	acre	21.00	21.00		
Total Materials and Services	Electric connect fee 6 months @ \$72/mo 133 acres							\$200.25	
*Insecticide for Mexican bean beetle and western bean cutworm (10%).									

Total Listed Costs for Field Operations and Materials and Services		\$352.20	
Interest on Operating Capital \$2932.24 cash expense @ 8.00% for 6 months		\$11.69	
Total Operating and Use-Related Ownership Costs		\$363.89	
Overhead (accounting, liability insurance, vehicle cost, office expense)		5.00	
Real Estate Opportunity	Pivot (Panhandle)	\$1,975 per acre @ 4.00%	\$79.00
Real Estate Taxes		\$1,975 per acre @ 1.00%	\$19.75
Total Cost per Acre Including Overhead			\$467.64
Cost per cwt			\$18.71
Cash Cost per cwt			\$12.95

Crop Budgets

Nebraska – 2011

Edited by

Robert N. Klein, Western Nebraska Crops Specialist
Roger K. Wilson, Farm Management/Enterprise Budget Analyst

This contains information on how the *2011 Nebraska Crop Production Budgets* (EC872) were prepared and tables of input costs used to develop them.

- Crop budgeting procedures
- Machinery operation and ownership costs
- Materials and services prices
- Crop budget production cost summary

Nebraska Crop Budgets, 2011 (EC872), as well as related publications, can be viewed online at <http://extension.unl.edu/publications>.

**2011 Budget 22. Dry Beans (25 cwt), Gravity Irrigated
Gravity, 12 Acre-inches**

	<i>Field Operations</i>	<i>Times or Qty</i>	<i>Labor @ \$12/Hr</i>	<i>Fuel @ \$3 and Lube</i>	<i>Repairs</i>		<i>Ownership</i>		<i>Total</i>	<i>Your Estimate</i>
					<i>Power</i>	<i>Imp.</i>	<i>Power</i>	<i>Imp.</i>		
1	Chop Stalks	1	1.07	1.60	0.11	0.31	2.46	1.55	7.10	
2	Disc	2	2.42	5.24	0.26	2.59	5.57	2.51	18.59	
3	Spray (on disc)	1	0.20		0.02	0.10	0.46	0.63	1.41	
4	Field Cultivation	1	0.62	1.33	0.07	0.41	1.43	0.83	4.69	
5	Plant	1	2.20	1.57	0.41	4.07	2.28	2.14	12.67	
6	Spray	1	0.60	0.41	0.11	0.21	0.62	0.25	2.20	
7	Row Crop Cultivation	1	2.00	1.76	0.23	0.81	5.06	0.79	10.65	
8	Corrugate	1	1.88	2.16	0.35	0.91	1.95	5.50	12.75	
9	Gravity Irrigation	12 AI	23.33						23.33	
10	Aerial Spray	Custom								
11	Aerial Spray	Custom								
12	Pickett Windrowers	1	1.88	2.98	0.35	0.48	1.95	3.60	11.24	
13	Combine Irr Dry Beans	1	2.78	5.81	3.93	0.15	15.36	2.91	30.94	
14	Truck	Custom								
15	Chisel	1	1.19	2.57	0.13	0.81	2.74	4.38	11.82	
	Total for Field Operations		\$40.17	\$25.43	\$5.97	\$10.85	\$39.88	\$25.09	\$147.39	
	<i>Materials and Services</i>		<i>Operation Index</i>	<i>Percent Acres Applied</i>	<i>Application</i>		<i>Applied Price</i>	<i>Total</i>	<i>Your Estimate</i>	
	Outlook	Herbicide	3	100%	14	ounces	1.54	21.55		
	Prowl H ₂ O	Herbicide	3	100%	2	pints	5.38	10.75		
	Edible Beans	Seed	5	100%	0.55	acres	45.00	24.75		
	10-34-0-1Z	Fertilizer	5	100%	7	gallons	4.60	32.20		
	32-0-0	Fertilizer	5	100%	7	lb N	0.53	3.71		
	Spray	Custom	6	100%	1	acre	6.00	6.00		
	Raptor	Herbicide	6	60%	4	ounces	5.39	12.94		
	Basagran	Herbicide	6	60%	1	pint	13.75	8.25		
	Aerial Spray	Custom	10	60%	1	acre	7.50	4.50		
	Asana XL	Insecticide	10	60%	4.5	ounces	0.82	2.21		
	Aerial Spray	Custom	11	100%	1	acre	7.50	7.50		
	Copper	Fungicide	11	100%	2	pints	4.50	9.00		
	Headline	Fungicide	11	100%	6	ounces	3.17	19.05		
	Haul Grain (Dry Beans)	Custom	14	100%	25	cwt	0.25	6.25		
	Scouting Dry Beans	Scouting	-	100%	1	acre	9.00	9.00		
	Dry Bean Premium	Crop Insurance	-	100%	1	acre	21.00	21.00		
	Total Materials and Services Electric connect fee 6 months @ \$72/mo 133 acres								\$198.66	
	*Insecticide for Mexican bean beetle and western bean cutworm (10%).									
Total Listed Costs for Field Operations and Materials and Services									\$346.05	
Interest on Operating Capital \$281.08 cash expense @ 8.00% for 6 months									\$11.24	
Total Operating and Use-Related Ownership Costs									\$357.29	
Overhead (accounting, liability insurance, vehicle cost, office expense)									5.00	
Real Estate Opportunity	Gravity (Panhandle)		\$1,980 per acre @ 4.00%						\$79.20	
Real Estate Taxes			\$1,980 per acre @ 1.00%						\$19.80	
Total Cost per Acre Including Overhead									\$461.29	
Cost per cwt									\$18.45	
Cash Cost per cwt									\$12.48	

Crop Budgets

Nebraska – 2011

Edited by

Robert N. Klein, Western Nebraska Crops Specialist
Roger K. Wilson, Farm Management/Enterprise Budget Analyst

This contains information on how the *2011 Nebraska Crop Production Budgets* (EC872) were prepared and tables of input costs used to develop them.

- Crop budgeting procedures
- Machinery operation and ownership costs
- Materials and services prices
- Crop budget production cost summary

Nebraska Crop Budgets, 2011 (EC872), as well as related publications, can be viewed online at <http://extension.unl.edu/publications>.

**2011 Budget 23. Dry Beans (25 cwt), Irrigated
Pivot, 12 Acre-inches**

	Field Operations	Times or Qty	Labor @ \$12/Hr	Fuel @ \$3 and Lube	Repairs		Ownership		Total	Your Estimate
					Power	Imp.	Power	Imp.		
1	Disc	2	2.42	5.24	0.26	2.59	5.57	2.51	18.59	
2	Chisel	1	1.19	2.57	0.13	0.81	2.74	4.38	11.82	
3	Spray (on disc)	1	0.20		0.02	0.10	0.46	0.63	1.41	
4	Field Cultivation	1	0.62	1.33	0.07	0.41	1.43	0.83	4.69	
5	Plant	1	2.20	1.57	0.41	4.07	2.28	2.14	12.67	
6	Spray	1	0.60	0.41	0.11	0.21	0.62	0.25	2.20	
7	Row Crop Cultivation	1	2.00	1.76	0.23	0.81	5.06	0.79	10.65	
8	PivotE 125' Lift	12 AI	5.00	28.03	4.69	13.83	3.15	8.27	62.97	
9	Aerial Spray	Custom								
10	Aerial Spray	Custom								
11	Cut Beans	1	1.20	0.69	0.25	0.11	1.37	0.60	4.22	
12	Rod Beans	1	0.80	0.69	0.09	0.03	2.02	0.60	4.23	
13	Combine Irr Dry Beans	1	2.78	5.81	3.93	0.15	15.36	2.91	30.94	
14	Truck	Custom								
Total for Field Operations			\$19.01	\$48.10	\$10.19	\$23.12	\$40.06	\$23.91	\$164.39	
	Materials and Services		Operation Index	Percent Acres Applied	Application		Applied Price	Total	Your Estimate	
	Outlook	Herbicide	3	100%	14	ounces	1.54	21.55		
	Prowl H ₂ O	Herbicide	3	100%	2	pints	5.38	10.75		
	Edible Beans	Seed	5	100%	0.55	acres	45.00	24.75		
	10-34-0-1Z	Fertilizer	5	100%	7	gallons	4.60	32.20		
	32-0-0	Fertilizer	5	100%	7	lb N	0.53	3.71		
	Raptor	Herbicide	6	60%	4	ounces	5.39	12.94		
	Basagran	Herbicide	6	60%	1	pint	13.75	8.25		
	Aerial Spray	Custom	9	100%	1	acre	7.50	7.50		
	Asana XL	Insecticide	9	100%	4.5	ounces	0.82	3.69		
	Aerial Spray	Custom	10	100%	1	acre	7.50	7.50		
	Copper	Fungicide	10	100%	2	pints	4.50	9.00		
	Headline	Fungicide	10	100%	6	ounces	3.17	19.05		
	Haul Grain (Dry Beans)	Custom	14	100%	25	cwt	0.25	6.25		
	Scouting Dry Beans	Scouting	-	100%	1	acre	9.00	9.00		
	Dry Bean Premium	Crop Insurance	-	100%	1	acre	21.00	21.00		
Total Materials and Services Electric connect fee 6 months @ \$72/mo 133 acres								\$197.14		
*Insecticide for Mexican bean beetle and western bean cutworm (10%).										
Total Listed Costs for Field Operations and Materials and Services								\$361.53		
Interest on Operating Capital \$297.56 cash expense @ 8.00% for 6 months								\$11.90		
Total Operating and Use-Related Ownership Costs								\$373.43		
Overhead (accounting, liability insurance, vehicle cost, office expense)								5.00		
Real Estate Opportunity		Pivot (Panhandle)	\$1,975 per acre @ 4.00%					\$79.00		
Real Estate Taxes			\$1,975 per acre @ 1.00%					\$19.75		
Total Cost per Acre Including Overhead								\$477.18		
Cost per cwt								\$19.09		
Cash Cost per cwt								\$13.17		