

Crop Budgets

Nebraska – 2010

Edited by

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This contains information on how the *2010 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, 2010 (EC872), as well as related publications, can be viewed online at <http://extension.unl.edu/publications>.

**2010 Budget 32. Soybeans, Tilled Seedbed, Roundup Ready® (38 bu)
Rainfed**

	<i>Field Operations</i>	<i>Times or Qty</i>	<i>Labor @ \$12/Hr</i>	<i>Fuel @ \$2 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	Disc	1	1.21	1.52	0.13	1.29	2.78	1.26	8.19	
2	Field Cultivation	1	0.62	0.77	0.07	0.41	1.43	0.83	4.12	
3	Spray	1	0.60	0.24	0.11	0.21	0.62	0.25	2.03	
4	Plant	1	2.20	0.91	0.41	4.07	2.28	2.14	12.01	
5	Spray	1	0.60	0.24	0.11	0.21	0.62	0.25	2.03	
6	Spray	Custom								
7	Combine Rainfed SB	1	2.34	3.72	3.31	1.37	12.93	2.52	26.19	
8	Truck	Custom								
Total for Field Operations			\$7.57	\$7.40	\$4.14	\$7.56	\$20.67	\$7.23	\$54.57	
	<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>	
					<i>Rate</i>	<i>Unit</i>				
	Authority First	Herbicide	3	100%	3.5	ounces	4.40	15.40		
	Prowl H ₂ O	Herbicide	3	100%	1.4	pints	5.25	7.35		
	RR Soybeans	Seed	4	100%	1	bag	43.00	43.00		
	Glyphosate w/Surf	Herbicide	5	100%	32	ounces	0.16	5.00		
	21-0-0-26S	Fertilizer	5	100%	2	lbs N	0.53	1.06		
	Aerial Spray	Custom	6	20%	1	acre	7.50	1.50		
	Warrior II/Zeon	Insecticide	6	20%	3.2	ounces	4.00	2.56		
	Haul Grain bu	Custom	8	100%	38	bushels	0.13	4.94		
Total Materials and Services								\$80.81		
Total listed costs for Field Operations and Materials and Services									\$135.38	
Interest on Operating Capital \$219.66 cash expense @ 8.00% for 6 months									\$4.30	
Total Operating and Use-Related Ownership Costs									\$139.68	
Overhead (accounting, liability insurance, vehicle cost, office expense)									5.00	
	Scouting	Soybeans - Rainfed							6.00	
	Crop Insurance	Soybeans - Rainfed							11.00	
	Real Estate Opportunity	Rainfed (State)	\$1,441 per acre @ 4.00%						\$57.64	
	Real Estate Taxes		\$1,441 per acre @ 1.00%						\$14.41	
Total Cost per Acre Including Overhead									\$233.73	
Cost per Bushel									\$6.15	
Cash Cost per Bushel									\$3.39	

**2010 Budget 33. Soybeans, No-Till, Roundup Ready after Corn (42 bu)
Rainfed**

	<i>Field Operations</i>	<i>Times or Qty</i>	<i>Labor @ \$12/Hr</i>	<i>Fuel @ \$2 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	Spray	1	0.60	0.24	0.11	0.21	0.62	0.25	2.03	
2	Plant No-Till	1	2.45	1.26	0.46	5.10	2.54	2.14	13.94	
3	Spray	1	0.60	0.24	0.11	0.21	0.62	0.25	2.03	
4	Spray	Custom								
5	Combine Rainfed SB	1	2.34	3.72	3.31	1.37	12.93	2.52	26.19	
6	Truck	Custom								
Total for Field Operations			\$5.99	\$5.46	\$3.99	\$6.89	\$16.71	\$5.15	\$44.19	
	<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>	
					<i>Rate</i>	<i>Unit</i>				
	Pursuit Plus	Herbicide	1	100%	1.67	pints	7.88	13.15		
	RR Soybeans	Seed	2	100%	1	bag	43.00	43.00		
	Glyphosate w/Surf	Herbicide	3	100%	32	ounces	0.16	5.00		
	21-0-0-26S	Fertilizer	3	100%	2	lbs N	0.53	1.06		
	Aerial Spray	Custom	4	20%	1	acre	7.50	1.50		
	Warrior II/Zeon	Insecticide	4	20%	3.2	ounces	4.00	2.56		
	Haul Grain bu	Custom	6	100%	42	bushels	0.13	5.46		
Total Materials and Services								\$71.73		
Total listed costs for Field Operations and Materials and Services									\$115.92	
Interest on Operating Capital \$94.06 cash expense @ 8.00% for 6 months									\$3.76	
Total Operating and Use-Related Ownership Costs									\$119.69	
Overhead (accounting, liability insurance, vehicle cost, office expense)									5.00	
Scouting		Soybeans - Rainfed							6.00	
Crop Insurance		Soybeans - Rainfed							11.00	
Real Estate Opportunity		Rainfed (State)	\$1,441 per acre @ 4.00%					\$57.64		
Real Estate Taxes			\$1,441 per acre @ 1.00%					\$14.41		
Total Cost per Acre Including Overhead									\$213.74	
Cost per Bushel									\$5.09	
Cash Cost per Bushel									\$2.73	

**2010 Budget 34. Soybeans, No-Till, Roundup Ready Continuous (42 bu)
Rainfed**

	<i>Field Operations</i>	<i>Times or Qty</i>	<i>Labor @ \$12/Hr</i>	<i>Fuel @ \$2 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	Spray	1	0.60	0.24	0.11	0.21	0.62	0.25	2.03	
2	Plant No-Till	1	2.45	1.26	0.46	5.10	2.54	2.14	13.94	
3	Spray	1	0.60	0.24	0.11	0.21	0.62	0.25	2.03	
4	Spray	Custom								
5	Combine Rainfed SB	1	2.34	3.72	3.31	1.37	12.93	2.52	26.19	
6	Truck	Custom								
Total for Field Operations			\$5.99	\$5.46	\$3.99	\$6.89	\$16.71	\$5.15	\$44.19	
	<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>	
					<i>Rate</i>	<i>Unit</i>				
	Pursuit Plus	Herbicide	1	100%	1.67	pints	7.88	13.15		
	RR Soybeans	Seed	2	100%	1	bag	43.00	43.00		
	Glyphosate w/Surf	Herbicide	3	100%	32	ounces	0.16	5.00		
	21-0-0-26S	Fertilizer	3	100%	2	lbs N	0.53	1.06		
	Aerial Spray	Custom	4	20%	1	acre	7.50	1.50		
	Warrior II/Zeon	Insecticide	4	20%	3.2	ounces	4.00	2.56		
	Haul Grain bu	Custom	6	100%	38	bushels	0.13	4.94		
Total Materials and Services								\$71.21		
Total listed costs for Field Operations and Materials and Services									\$115.40	
Interest on Operating Capital \$93.54 cash expense @ 8.00% for 6 months									\$3.74	
Total Operating and Use-Related Ownership Costs									\$119.15	
Overhead (accounting, liability insurance, vehicle cost, office expense)									5.00	
Scouting		Soybeans - Rainfed							6.00	
Crop Insurance		Soybeans - Rainfed							11.00	
Real Estate Opportunity		Rainfed (State)	\$1,441 per acre @ 4.00%						\$57.64	
Real Estate Taxes			\$1,441 per acre @ 1.00%						\$14.41	
Total Cost per Acre Including Overhead									\$213.20	
Cost per Bushel									\$5.61	
Cash Cost per Bushel									\$3.01	

**2010 Budget 35. Soybeans, Tilled Seedbed, Roundup Ready after Corn (60 bu)
Pivot 800 GPM 35 PSI, 9 Acre-inches**

	<i>Field Operations</i>	<i>Times or Qty</i>	<i>Labor @ \$12/Hr</i>	<i>Fuel @ \$2 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	Disc	1	1.21	1.52	0.13	1.29	2.78	1.26	8.19	
2	Field Cultivation	1	0.62	0.77	0.07	0.41	1.43	0.83	4.12	
3	Spray	1	0.60	0.24	0.11	0.21	0.62	0.25	2.03	
4	Plant	1	2.20	0.91	0.41	4.07	2.28	2.14	12.01	
5	PivotD 125'Lift	9 AI	3.75	33.40	2.94	10.38	8.09	6.21	64.76	
6	Spray	1	0.60	0.24	0.11	0.21	0.62	0.25	2.03	
7	Spray	Custom								
8	Combine Irr SB	1	2.20	3.50	3.11	1.18	12.16	2.52	24.67	
9	Truck	Custom								
Total for Field Operations			\$11.18	\$40.58	\$6.88	\$17.76	\$27.98	\$13.43	\$117.81	
	<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>	
					<i>Rate</i>	<i>Unit</i>				
	Authority First	Herbicide	3	100%	3.5	ounces	4.40	15.40		
	Prowl H ₂ O	Herbicide	3	100%	1.5	pints	5.25	7.88		
	RR Soybeans	Seed	4	100%	1.1	bags	43.00	47.30		
	Glyphosate w/Surf	Herbicide	6	100%	32	ounces	0.16	5.00		
	21-0-0-26S	Fertilizer	6	100%	2	lbs N	0.53	1.06		
	Aerial Spray	Custom	7	20%	1	acre	7.50	1.50		
	Warrior II/Zeon	Insecticide	7	20%	3.2	ounces	4.00	2.56		
	Haul Grain bu	Custom	9	100%	60	bushels	0.13	7.80		
Total Materials and Services								\$88.50		
Total listed costs for Field Operations and Materials and Services									\$206.31	
Interest on Operating Capital \$164.89 cash expense @ 8.00% for 6 months									\$6.60	
Total Operating and Use-Related Ownership Costs									\$212.90	
Overhead (accounting, liability insurance, vehicle cost, office expense)									5.00	
Scouting		Soybeans - Irrigated							\$8.75	
Crop Insurance		Soybeans - Irrigated							\$21.00	
Real Estate Opportunity		Pivot (State)	\$3,304 per acre @ 4.00%						\$132.16	
Real Estate Taxes			\$3,304 per acre @ 1.00%						\$33.04	
Total Cost per Acre Including Overhead									\$412.85	
Cost per Bushel									\$6.88	
Cash Cost per Bushel									\$3.35	

**2010 Budget 36. Soybeans, Ridge-Till, RR after RR Corn (60 bu)
Gravity 1,000 GPM 10 PSI, 12 Acre-inches**

	<i>Field Operations</i>	<i>Times or Qty</i>	<i>Labor @ \$12/Hr</i>	<i>Fuel @ \$2 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	Spray	1	0.60	0.24	0.11	0.21	0.62	0.25	2.03	
2	Ridge Plant	1	2.46	1.27	0.26	5.15	5.66	2.19	16.99	
3	Ridge Cultivation	1	2.00	1.78	0.41	1.12	2.28	1.09	8.69	
4	Ridge Cultivation	1	2.00	1.78	0.41	1.12	2.28	1.09	8.69	
5	Pipe D125' Lift	12 AI	14.00	32.32	3.14	2.28	8.63	4.05	64.42	
6	Spray	0.5	0.30	0.12	0.06	0.11	0.31	0.12	1.01	
7	Spray	Custom								
8	Combine Irr SB	1	2.20	3.50	3.11	1.18	12.16	2.52	24.67	
9	Truck	Custom								
Total for Field Operations			\$23.56	\$41.00	\$7.50	\$11.18	\$31.94	\$11.31	\$126.49	
	<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>	
					<i>Rate</i>	<i>Unit</i>				
	2,4-D Ester 4#	Herbicide	1	20%	1.5	pints	2.50	0.75		
	Select Max	Herbicide	2	40%	6	ounces	1.17	2.81		
	Crop Oil Concentrate	Herbicide	2	40%	2	pints	1.13	0.90		
	RR Soybeans	Seed	2	100%	1.1	bags	43.00	47.30		
	Glyphosate w/Surf	Herbicide	6	50%	32	ounces	0.16	2.50		
	21-0-0-26S	Fertilizer	6	50%	2	lbs N	0.53	0.53		
	Aerial Spray	Custom	7	20%	1	acre	7.50	1.50		
	Warrior II/Zeon	Insecticide	7	20%	3.2	ounces	4.00	2.56		
	Haul Grain bu	Custom	9	100%	60	bushels	0.13	7.80		
Total Materials and Services								\$66.66		
Total listed costs for Field Operations and Materials and Services									\$193.15	
Interest on Operating Capital \$149.90 cash expense @ 8.00% for 6 months									\$6.00	
Total Operating and Use-Related Ownership Costs									\$199.15	
Overhead (accounting, liability insurance, vehicle cost, office expense)									5.00	
Scouting		Soybeans - Irrigated							8.75	
Crop Insurance		Soybeans - Irrigated							21.00	
Real Estate Opportunity		Gravity (State)	\$3,109 per acre @ 4.00%						\$124.36	
Real Estate Taxes			\$3,109 per acre @ 1.00%						\$31.09	
Total Cost per Acre Including Overhead									\$389.35	
Cost per Bushel									\$6.49	
Cash Cost per Bushel									\$3.09	

**2010 Budget 37. Soybeans, No-Till Narrow Row, Roundup Ready after Corn (63 bu)
Pivot 800 GPM 35 PSI, 6 Acre-inches**

	Field Operations	Times or Qty	Labor @ \$12/Hr	Fuel @ \$2 and Lube	Repairs		Ownership		Total	Your Estimate
					Power	Imp.	Power	Imp.		
1	Spray	1	0.60	0.24	0.11	0.21	0.62	0.25	2.03	
2	Plant Narrow Row	1	3.21	1.26	0.60	9.00	3.33	2.14	19.53	
3	Spray	1	0.60	0.24	0.11	0.21	0.62	0.25	2.03	
4	Spray	0.5	0.30	0.12	0.06	0.11	0.31	0.12	1.01	
5	Spray	Custom								
6	PivotD 125' Lift	6 AI	2.50	22.27	1.96	6.92	5.39	4.14	43.17	
7	Combine Irr SB	1	2.20	3.50	3.11	1.18	12.16	2.52	24.67	
8	Truck	Custom								
Total for Field Operations			\$9.41	\$27.62	\$5.95	\$17.63	\$22.43	\$9.41	\$92.45	
	Materials and Services		Operation Index	Percent Acres Applied	Application		Applied Price	Total	Your Estimate	
					Rate	Unit				
	Glyphosate w/Surf	Herbicide	1	100%	32	ounces	0.16	5.00		
	21-0-0-26S	Fertilizer	1	100%	1.7	lbs N	0.53	0.90		
	RR Soybeans	Seed	2	100%	1.1	bags	43.00	47.30		
	Pursuit Plus	Herbicide	3	100%	1.67	pints	7.88	13.15		
	Prowl H2O	Herbicide	3	100%	1.5	pints	5.25	7.88		
	Glyphosate w/Surf	Herbicide	4	50%	32	ounces	0.16	2.50		
	21-0-0-26S	Fertilizer	4	50%	2	lbs N	0.53	0.53		
	Aerial Spray	Custom	5	20%	1	acre	7.50	1.50		
	Warrior II/Zeon	Insecticide	5	20%	3.2	ounces	4.00	2.56		
	Haul Grain bu	Custom	8	100%	63	bushels	0.13	8.19		
Total Materials and Services								\$89.51		
Total listed costs for Field Operations and Materials and Services									\$181.96	
Interest on Operating Capital \$150.12 cash expense @ 8.00% for 6 months									\$6.00	
Total Operating and Use-Related Ownership Costs									\$187.96	
Overhead (accounting, liability insurance, vehicle cost, office expense)									5.00	
Scouting		Soybeans - Irrigated							8.75	
Crop Insurance		Soybeans - Irrigated							21.00	
Real Estate Opportunity		Pivot (State)	\$3,304 per acre @ 4.00%					\$132.16		
Real Estate Taxes			\$3,304 per acre @ 1.00%					\$33.04		
Total Cost per Acre Including Overhead									\$387.91	
Cost per Bushel									\$6.16	
Cash Cost per Bushel									\$2.95	

**2010 Budget 38. Soybeans, No-Till Narrow Row, Continuous (57 bu)
Pivot 800 GPM 35 PSI, 6 Acre-inches**

	Field Operations	Times or Qty	Labor @ \$12/Hr	Fuel @ \$2 and Lube	Repairs		Ownership		Total	Your Estimate
					Power	Imp.	Power	Imp.		
1	Spray	1	0.60	0.24	0.11	0.21	0.62	0.25	2.03	
2	Plant Narrow Row	1	3.21	1.26	0.60	9.00	3.33	2.14	19.53	
3	Spray	1	0.60	0.24	0.11	0.21	0.62	0.25	2.03	
4	Spray	0.5	0.30	0.12	0.06	0.11	0.31	0.12	1.01	
5	Spray	Custom								
6	PivotD 125'Lift	6 AI	2.50	22.27	1.96	6.92	5.39	4.14	43.17	
7	Combine Irr SB	1	2.20	3.50	3.11	1.18	12.16	2.52	24.67	
8	Truck	Custom								
Total for Field Operations			\$9.41	\$27.62	\$5.95	\$17.63	\$22.43	\$9.41	\$92.45	
	Materials and Services		Operation Index	Percent Acres Applied	Application		Applied Price	Total	Your Estimate	
					Rate	Unit				
	Glyphosate w/Surf	Herbicide	1	100%	32	ounces	0.16	5.00		
	21-0-0-26S	Fertilizer	1	100%	2	lbs N	0.53	1.06		
	RR Soybeans	Seed	2	100%	1.1	bags	43.00	47.30		
	Pursuit Plus	Herbicide	3	100%	1.67	pints	7.88	13.15		
	Prowl H ₂ O	Herbicide	3	100%	1.5	pints	5.25	7.88		
	Glyphosate w/Surf	Herbicide	4	50%	32	ounces	0.16	2.50		
	21-0-0-26S	Fertilizer	4	50%	2	lbs N	0.53	0.53		
	Aerial Spray	Custom	5	20%	1	acre	7.50	1.50		
	Warrior II/Zeon	Insecticide	5	20%	3.2	ounces	4.00	2.56		
	Haul Grain bu	Custom	8	100%	57	bushels	0.13	7.41		
Total Materials and Services								\$88.89		
Total listed costs for Field Operations and Materials and Services									\$181.34	
Interest on Operating Capital \$149.50 cash expense @ 8.00% for 6 months									\$5.98	
Total Operating and Use-Related Ownership Costs									\$187.32	
Overhead (accounting, liability insurance, vehicle cost, office expense)									5.00	
Scouting		Soybeans - Irrigated							8.75	
Crop Insurance		Soybeans - Irrigated							21.00	
Real Estate Opportunity		Pivot (State)	\$3,304 per acre @ 4.00%						\$132.16	
Real Estate Taxes			\$3,304 per acre @ 1.00%						\$33.04	
Total Cost per Acre Including Overhead									\$387.27	
Cost per Bushel									\$6.79	
Cash Cost per Bushel									\$3.25	

**2010 Budget 39. Soybeans, No-Till Drilled, Roundup Ready after Corn (63 bu)
Pivot 800 GPM 35 PSI, 6 Acre-inches**

	<i>Field Operations</i>	<i>Times or Qty</i>	<i>Labor @ \$12/Hr</i>	<i>Fuel @ \$2 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	Spray	1	0.60	0.24	0.11	0.21	0.62	0.25	2.03	
2	No-Till Drill	1	1.93	1.78	0.20	3.09	4.44	2.14	13.58	
3	Spray	1	0.60	0.24	0.11	0.21	0.62	0.25	2.03	
4	Spray	0.5	0.30	0.12	0.06	0.11	0.31	0.12	1.01	
5	Spray	Custom								
6	PivotD 125' Lift	6 AI	2.50	22.27	1.96	6.92	5.39	4.14	43.17	
7	Combine Irr SB	1	2.20	3.50	3.11	1.18	12.16	2.52	24.67	
8	Truck	Custom								
Total for Field Operations			\$8.13	\$28.14	\$5.56	\$11.72	\$23.54	\$9.41	\$86.50	
	<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>	
					<i>Rate</i>	<i>Unit</i>				
	Glyphosate w/Surf	Herbicide	1	100%	32	ounces	0.16	5.00		
	21-0-0-26S	Fertilizer	1	100%	2	lbs N	0.53	1.06		
	RR Soybeans	Seed	2	100%	1.1	bags	43.00	47.30		
	Authority First	Herbicide	3	100%	3.5	ounces	4.40	15.40		
	Prowl H ₂ O	Herbicide	3	100%	1.5	pints	5.25	7.88		
	Glyphosate w/Surf	Herbicide	4	50%	32	ounces	0.16	2.50		
	21-0-0-26S	Fertilizer	4	50%	2	lbs N	0.53	0.53		
	Aerial Spray	Custom	5	20%	1	acre	7.50	1.50		
	Warrior II/Zeon	Insecticide	5	20%	3.2	ounces	4.00	2.56		
	Haul Grain bu	Custom	8	100%	63	bushels	0.13	8.19		
Total Materials and Services								\$91.92		
Total listed costs for Field Operations and Materials and Services									\$178.41	
Interest on Operating Capital \$145.46 cash expense @ 8.00% for 6 months									\$5.82	
Total Operating and Use-Related Ownership Costs									\$184.23	
Overhead (accounting, liability insurance, vehicle cost, office expense)									5.00	
Scouting		Soybeans - Irrigated							8.75	
Crop Insurance		Soybeans - Irrigated							21.00	
Real Estate Opportunity		Pivot (State)	\$3,304 per acre @ 4.00%					\$132.16		
Real Estate Taxes			\$3,304 per acre @ 1.00%					\$33.04		
Total Cost per Acre Including Overhead									\$384.18	
Cost per Bushel									\$6.10	
Cash Cost per Bushel									\$2.87	