

# 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 46. Wheat, No-Till after Row Crop, 45 bu Yield Goal (40 bu Actual)  
Rainfed**

	<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	No-Till Drill	1	1.93	3.06	0.20	3.09	4.44	2.14	14.86	
2	Spray	1	0.60	0.41	0.11	0.21	0.62	0.25	2.20	
3	Spray	Custom								
4	Combine Dryland	1	1.89	5.16	2.67	0.74	10.42	2.25	23.13	
5	Truck	Custom								
<b>Total for Field Operations</b>			\$4.42	\$8.63	\$2.98	\$4.04	\$15.48	\$4.64	\$40.19	
	<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>	
	10-34-0	Fertilizer	1	100%	8	gallons	4.50	36.00		
	Wheat	Seed	1	100%	90	pounds	0.13	11.70		
	28-0-0	Fertilizer	2	100%	70	lbs N	0.70	49.00		
	Ally Extra	Herbicide	2	100%	0.3	ounce	8.00	2.40		
	2,4-D Ester 4#	Herbicide	2	100%	0.5	pint	2.19	1.09		
	NIS	Herbicide	2	100%	6	ounces	0.17	1.02		
	*Aerial Spray	Custom	3	15%	1	acre	7.50	1.13		
	*Lorsban 4 E	Insecticide	3	10%	1.5	pints	5.75	0.86		
	*Warrior II/Zeon	Insecticide	3	5%	1.92	ounces	3.91	0.38		
	Haul Grain bu	Custom	5	100%	40	bushels	0.10	4.00		
	Scouting Wheat	Scouting	-	100%	1	acre	6.00	6.00		
	Wheat Premium	Crop Insurance	-	100%	1	acre	8.00	8.00		
<b>Total Materials and Services</b>								\$121.58		
*Insecticide for Russian wheat aphid and army cutworm.										
<b>Total Listed Costs for Field Operations and Materials and Services</b>									\$161.77	
Interest on Operating Capital \$141.65 cash expense @ 8.00% for 6 months									\$5.67	
<b>Total Operating and Use-Related Ownership Costs</b>									\$167.44	
<b>Overhead</b> (accounting, liability insurance, vehicle cost, office expense)									5.00	
	Real Estate Opportunity	Rainfed (Panhandle)		\$545 per acre @ 4.00%				\$21.80		
	Real Estate Taxes			\$545 per acre @ 1.00%				\$5.45		
<b>Total Cost per Acre Including Overhead</b>									\$199.69	
Cost per Bushel									\$4.99	
Cash Cost per Bushel									\$3.82	

# 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 47. Wheat, Stubble Mulch Fallow, 1 Crop in 2 Years, 53 bu Yield Goal (50 bu Actual)  
Rainfed**

	<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	Fallow Master	1	0.62	1.40	0.07	0.20	1.43	1.65	5.37	
2	Fallow Master	1	0.62	1.40	0.07	0.20	1.43	1.65	5.37	
3	Fallow Master	1	0.62	1.40	0.07	0.20	1.43	1.65	5.37	
4	Rod Weeder	1	0.91	1.40	0.11	0.30	2.30	1.31	6.33	
5	Rod Weeder	1	0.91	1.40	0.11	0.30	2.30	1.31	6.33	
6	Spray (on Disc)	1	0.20	0.00	0.02	0.10	0.46	0.63	1.41	
7	Drill	1	1.80	2.35	0.34	1.80	1.86	1.44	9.59	
8	Spray	1	0.60	0.41	0.11	0.21	0.62	0.25	2.20	
9	Spray	Custom								
10	Combine Dryland	1	1.89	5.16	2.67	0.74	10.42	2.25	23.13	
11	Truck	Custom								
<b>Total for Field Operations</b>			\$8.16	\$14.92	\$3.57	\$4.05	\$22.25	\$12.14	\$65.10	
	<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>	
	28-0-0	Fertilizer	6	100%	70	lbs N	0.70	49.00		
	10-34-0	Fertilizer	7	100%	8	gallons	4.50	36.00		
	Wheat	Seed	7	100%	60	pounds	0.13	7.80		
	2,4-D Ester 4#	Herbicide	8	100%	0.5	pint	2.19	1.09		
	Ally Extra	Herbicide	8	100%	0.3	ounce	8.00	2.40		
	NIS	Herbicide	8	100%	6	ounces	0.17	1.02		
	*Aerial Spray	Custom	9	15%	1	acre	7.50	1.13		
	*Lorsban 4 E	Insecticide	9	10%	1.5	pints	5.75	0.86		
	*Warrior II/Zeon	Insecticide	9	5%	1.92	ounces	3.91	0.38		
	Haul Grain bu	Custom	11	100%	50	bushels	0.10	5.00		
	Scouting Wheat	Scouting	-	100%	1	acre	6.00	6.00		
	Wheat Premium	Crop Insurance	-	100%	1	acre	8.00	8.00		
<b>Total Materials and Services</b>								\$118.68		
*Insecticide for Russian wheat aphid and army cutworm.										
<b>Total Listed Costs for Field Operations and Materials and Services</b>									\$183.78	
Interest on Operating Capital \$149.39 cash expense @ 8.00% for 6 months									\$5.98	
<b>Total Operating and Use-Related Ownership Costs</b>									\$189.76	
<b>Overhead</b> (accounting, liability insurance, vehicle cost, office expense)									5.00	
Real Estate Opportunity		Rainfed (Panhandle)	\$545 per acre @ 4.00%						\$43.60	
Real Estate Taxes			\$545 per acre @ 1.00%						\$10.90	
<b>Total Cost per Acre Including Overhead</b>									\$249.26	
Cost per Bushel									\$4.99	
Cash Cost per Bushel									\$3.33	

# 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 48. Wheat, Clean-Till Fallow, 1 Crop in 2 Years, 49 bu Yield Goal (45 bu Actual)  
Rainfed**

	Field Operations	Times or Qty	Labor @ \$12/Hr	Fuel @ \$3 and Lube	Repairs		Ownership		Total	Your Estimate
					Power	Imp.	Power	Imp.		
1	Disc	1	1.21	2.62	0.13	1.29	2.78	1.26	9.29	
2	Field Cultivation	1	0.62	1.33	0.07	0.41	1.43	0.83	4.69	
3	Field Cultivation	1	0.62	1.33	0.07	0.41	1.43	0.83	4.69	
4	Field Cultivation	1	0.62	1.33	0.07	0.41	1.43	0.83	4.69	
5	Rod Weeder	1	0.91	1.40	0.11	0.30	2.30	1.31	6.33	
6	Rod Weeder	1	0.91	1.40	0.11	0.30	2.30	1.31	6.33	
7	Anhy Apply (Supplier)	1	0.33	0.55	0.03	0.00	0.76	0.00	1.67	
8	Drill	1	1.80	2.35	0.34	1.80	1.86	1.44	9.59	
9	Spray	1	0.60	0.41	0.11	0.21	0.62	0.25	2.20	
10	Spray	Custom								
11	Combine Dryland	1	1.89	5.16	2.67	0.74	10.42	2.25	23.13	
12	Truck	Custom								
<b>Total for Field Operations</b>			\$9.51	\$17.88	\$3.71	\$5.87	\$25.33	\$10.31	\$72.61	
	Materials and Services		Operation Index	Percent Acres Applied	Application		Applied Price	Total	Your Estimate	
					Rate	Unit				
	82-0-0	Fertilizer	7	100%	50	lbs N	0.48	28.80		
	10-34-0	Fertilizer	8	100%	8	gallons	4.50	36.00		
	Wheat	Seed	8	100%	60	pounds	0.13	7.80		
	2,4-D Ester 4#	Herbicide	9	100%	0.5	pint	2.19	1.09		
	Ally Extra	Herbicide	9	100%	0.3	ounce	8.00	2.40		
	NIS	Herbicide	9	100%	6	ounces	0.17	1.02		
	*Aerial Spray	Custom	10	15%	1	acre	7.50	1.13		
	*Lorsban 4 E	Insecticide	10	10%	1.5	pints	5.75	0.86		
	*Warrior II/Zeon	Insecticide	10	5%	1.92	ounces	3.91	0.38		
	Haul Grain bu	Custom	12	100%	45	bushels	0.10	4.50		
	Scouting Wheat	Scouting	–	100%	1	acre	6.00	6.00		
	Wheat Premium	Crop Insurance	–	100%	1	acre	8.00	8.00		
<b>Total Materials and Services</b>								\$97.98		
*Insecticide for Russian wheat aphid and army cutworm.										
<b>Total Listed Costs for Field Operations and Materials and Services</b>									\$170.59	
Interest on Operating Capital \$134.95 cash expense @ 8.00% for 6.0 months									\$5.40	
<b>Total Operating and Use-Related Ownership Costs</b>									\$175.99	
<b>Overhead</b> (accounting, liability insurance, vehicle cost, office expense)									5.00	
Real Estate Opportunity		Rainfed (Panhandle)	\$545 per acre @ 4.00%						\$43.60	
Real Estate Taxes			\$545 per acre @ 1.00%						\$10.90	
<b>Total Cost per Acre Including Overhead</b>									\$235.49	
Cost per Bushel									\$5.23	
Cash Cost per Bushel									\$3.36	

# 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 49. Wheat, No-Till Wheat before Corn, 2 Crops in 3 Years, 65 bu Yield Goal (60 bu Actual)  
Rainfed**

	Field Operations	Times or Qty	Labor @ \$12/Hr	Fuel @ \$3 and Lube	Repairs		Ownership		Total	Your Estimate
					Power	Imp.	Power	Imp.		
1	Spray	1	0.60	0.41	0.11	0.21	0.62	0.25	2.20	
2	Spray	1	0.60	0.41	0.11	0.21	0.62	0.25	2.20	
3	Spray	1	0.60	0.41	0.11	0.21	0.62	0.25	2.20	
4	Spray	1	0.60	0.41	0.11	0.21	0.62	0.25	2.20	
5	No-Till Drill	1	1.93	3.06	0.20	3.09	4.44	2.14	14.86	
6	Spread, Fertilizer	1	0.94	1.05	0.19	0.00	1.08	0.00	3.26	
7	Spray	1	0.60	0.41	0.11	0.21	0.62	0.25	2.20	
8	Spray	Custom								
9	Combine dryland	1	1.89	5.16	2.67	0.74	10.42	2.25	23.13	
10	Truck	Custom								
<b>Total for Field Operations</b>			\$7.76	\$11.32	\$3.61	\$4.88	\$19.04	\$5.64	52.25	

  

Materials and Services		Operation Index	Percent Acres Applied	Application		Applied Price	Total	Your Estimate
				Rate	Unit			
Glyphosate w/Surf	Herbicide	1	100%	32	ounces	0.09	3.00	
21-0-0-26S	Fertilizer	1	100%	2	lbs N	0.53	1.06	
Glyphosate w/Surf	Herbicide	2	100%	32	ounces	0.09	3.00	
21-0-0-26S	Fertilizer	2	100%	2	lbs N	0.53	1.06	
Glyphosate w/Surf	Herbicide	3	100%	32	ounces	0.09	3.00	
21-0-0-26S	Fertilizer	3	100%	2	lbs N	0.53	1.06	
Glyphosate w/Surf	Herbicide	4	100%	32	ounces	0.09	3.00	
21-0-0-26S	Fertilizer	4	100%	2	lbs N	0.53	1.06	
10-34-0	Fertilizer	5	100%	8	gallons	4.50	36.00	
Wheat	Seed	5	100%	60	pounds	0.13	7.80	
46-0-0	Fertilizer	6	100%	80	lbs N	0.60	48.00	
Ally Extra	Herbicide	7	100%	0.3	ounce	8.00	2.40	
NIS	Herbicide	7	100%	6	ounces	0.17	1.02	
2,4-D Ester 4#	Herbicide	7	100%	0.5	pint	2.19	1.09	
*Aerial Spray	Custom	8	15%	1	acre	7.50	1.13	
*Lorsban 4 E	Insecticide	8	10%	1.5	pints	5.75	0.86	
*Warrior II/Zeon	Insecticide	8	5%	1.92	ounces	3.91	0.38	
Haul Grain bu	Custom	10	100%	60	bushels	0.10	6.00	
Scouting Wheat	Scouting	-	100%	1	acre	6.00	6.00	
Wheat Premium	Crop Insurance	-	100%	1	acre	8.00	8.00	
<b>Total Materials and Services</b>							\$134.92	
*Insecticide for Russian wheat aphid and army cutworm.								

  

<b>Total Listed Costs for Field Operations and Materials and Services</b>							\$187.17	
Interest on Operating Capital \$162.49 cash expense @ 8.00% for 6 months							\$6.50	
<b>Total Operating and Use-Related Ownership Costs</b>							\$193.67	

  

<b>Overhead</b> (accounting, liability insurance, vehicle cost, office expense)							5.00	
Real Estate Opportunity	Rainfed (Southwest)	\$875 per acre @ 4.00%					\$52.50	
Real Estate Taxes		\$875 per acre @ 1.00%					\$13.13	
<b>Total Cost per Acre Including Overhead</b>							\$264.30	
Cost per Bushel							\$4.40	
Cash Cost per Bushel							\$3.04	



# 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 50. Wheat, No-Till after Beans, 105 bu Yield Goal (95 bu Actual)  
Pivot 800 GPM 35 PSI, 8 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	No-Till Drill	1	1.93	3.06	0.20	3.09	4.44	2.14	14.86	
2	Pivotd 125' Lift	8 AI	3.33	51.21	2.61	9.22	7.19	5.52	79.08	
3	Spray	1	0.60	0.41	0.11	0.21	0.62	0.25	2.20	
4	Spray	Custom								
5	Spray	Custom								
6	Combine Dryland	1	1.89	5.16	2.67	0.74	10.42	2.25	23.13	
7	Truck	Custom								
<b>Total for Field Operations</b>			\$7.75	\$59.84	\$5.59	\$13.26	\$22.67	\$10.16	\$119.27	
	<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>				
	10-34-0	Fertilizer	1	100%	8	gallons	4.50	36.00		
	Wheat	Seed	1	100%	120	pounds	0.13	15.60		
	28-0-0	Fertilizer	2	100%	130	lbs N	0.70	91.00		
	2,4-D Ester 4#	Herbicide	3	100%	0.5	pint	2.19	1.09		
	Ally Extra	Herbicide	3	100%	0.3	ounce	8.00	2.40		
	NIS	Herbicide	3	100%	6	ounces	0.17	1.02		
	Aerial Spray	Custom	4	100%	1	acre	7.50	7.50		
	Tilt	Fungicide	4	100%	4	ounces	2.62	10.48		
	*Aerial Spray	Custom	5	15%	1	acre	7.50	1.13		
	*Lorsban 4 E	Insecticide	5	10%	1.5	pints	5.75	0.86		
	*Warrior II/Zeon	Insecticide	5	5%	1.92	ounces	3.91	0.38		
	Haul Grain bu	Custom	7	100%	95	bushels	0.10	9.50		
	Scouting Wheat	Scouting	-	100%	1	acre	6.00	6.00		
	Wheat Premium	Crop Insurance	-	100%	1	acre	8.00	8.00		
<b>Total Materials and Services</b>								\$190.96		
*Insecticide for Russian wheat aphid and army cutworm.										
<b>Total Listed Costs for Field Operations and Materials and Services</b>									\$310.23	
Interest on Operating Capital \$277.40 cash expense @ 8.00% for 6 months									\$11.10	
<b>Total Operating and Use-Related Ownership Costs</b>									\$321.33	
<b>Overhead</b> (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	
<b>Total Cost per Acre Including Overhead</b>									\$425.08	
Cost per Bushel									\$4.47	
Cash Cost per Bushel									\$3.24	