

# 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

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**2011 Budget 42. Sugar Beets Roundup Ready, One Pass Tillage (26 tons)  
Gravity Irrigated, 20 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	Disc	1	1.21	2.62	0.13	1.29	2.78	1.26	9.29	
2	Spray Liquid Fertilizer	1	0.98	0.43	0.10	0.29	2.25	1.26	5.31	
3	Spray	Custom								
4	Till Plant Beets	1	1.84	4.38	0.19	0.93	4.23	8.91	20.48	
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	Hill/Gravity	1	2.03	2.83	0.38	0.51	2.10	0.59	8.44	
8	Spray	Custom								
9	Gravity Irrigation	20 AI	38.89						38.89	
10	Spray	Custom								
11	Spray	Custom								
12	Top Beets	1	2.07	2.35	0.24	1.19	5.25	4.17	15.27	
13	Lift Beets	1	2.58	4.17	0.27	9.33	5.94	7.51	29.80	
14	Truck	Custom								
15	Subsoil	1	1.45	3.45	0.17	0.34	3.68	1.22	10.31	
<b>Total For Field Operations</b>			\$53.95	\$22.85	\$1.81	\$14.86	\$33.36	\$25.84	\$152.67	
				<i>Operation Index</i>	<i>Percent Acres Applied</i>	<i>Application</i>		<i>Applied Price</i>	<i>Total</i>	<i>Your Estimate</i>
<i>Materials and Services</i>						<i>Rate</i>	<i>Unit</i>			
10-34-0		Fertilizer		2	100%	13.4	gallons	4.50	60.30	
32-0-0		Fertilizer		2	100%	115	lbs N	0.53	60.90	
Spray		Custom		3, 8, 10	300%	1	acre	6.00	18.00	
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	
Sugar Beets RR Poncho		Seed		4	100%	1	acre	165.00	165.00	
Glyphosate w/Surf		Herbicide		8	100%	32	ounces	0.09	3.00	
21-0-0-26S		Fertilizer		8	100%	2	lbs N	0.53	1.06	
Water Charge		Other		9	100%	1	acre	40.00	40.00	
Glyphosate w/Surf		Herbicide		10	100%	32	ounces	0.09	3.00	
21-0-0-26S		Fertilizer		10	100%	2	lbs N	0.53	1.06	
Aerial Spray		Custom		11	100%	1	acre	7.50	7.50	
Headline		Fungicide		11	100%	5	ounces	3.17	15.87	
Haul Beets		Custom		14	100%	26	tons	3.00	78.00	
Scouting Sugar Beet		Scouting		-	100%	1	acre	10.00	10.00	
Sugar Beet Premium		Crop Insurance		-	100%	1	acre	30.00	30.00	
<b>Total Materials and Services</b>									\$497.75	
<b>Total Listed Costs for Field Operations and Materials and Services</b>									\$650.42	
Interest on Operating Capital \$591.22 cash expense @ 8.00% for 6 months									\$23.65	
<b>Total Operating and Use-Related Ownership Costs</b>									\$674.07	
<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>									\$777.82	
Cost per Bushel									\$29.92	
Cash Cost per Bushel									\$24.41	

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**2011 Budget 43. Sugar Beets Roundup Ready, One Pass Tillage (26 tons)  
Pivot 800 GPM 35 PSI, 16 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	1	1.21	2.62	0.13	1.29	2.78	1.26	9.29	
2	Spray Liquid Fertilizer	1	0.98	0.43	0.10	0.29	2.25	1.26	5.31	
3	Spray	Custom								
4	Till Plant Beets	1	1.84	4.38	0.19	0.93	4.23	8.91	20.48	
5	Row Crop Cultivation	1	2.00	1.76	0.23	0.81	5.06	0.79	10.65	
6	Spray	Custom								
7	PivotD 125' Lift	16 AI	6.67	102.43	5.23	18.44	14.38	11.03	158.18	
8	Spray	Custom								
9	Spray	Custom								
10	Top Beets	1	2.07	2.35	0.24	1.19	5.25	4.17	15.27	
11	Lift Beets	1	2.58	4.17	0.27	9.33	5.94	7.51	29.80	
12	Truck	Custom								
13	Subsoil	1	1.45	3.45	0.17	0.34	3.68	1.22	10.31	
<b>Total for Field Operations</b>			\$18.80	\$121.59	\$6.56	\$32.62	\$43.57	\$36.15	\$259.29	
	Materials and Services		Operation Index	Percent Acres Applied	Application		Applied Price	Total	Your Estimate	
	10-34-0	Fertilizer	2	100%	Rate	Unit				
	32-0-0	Fertilizer	2	100%	13.4	gallons	4.50	60.30		
	Spray	Custom	3, 6, 8	300%	1	acre	6.00	18.00		
	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		
	Sugar Beets RR Poncho	Seed	4	100%	1	acre	165.00	165.00		
	Glyphosate w/Surf	Herbicide	6	100%	32	ounces	0.09	3.00		
	21-0-0-26S	Fertilizer	6	100%	2	lbs N	0.53	1.06		
	Glyphosate w/Surf	Herbicide	8	100%	32	ounces	0.09	3.00		
	21-0-0-26S	Fertilizer	8	100%	2	lbs N	0.53	1.06		
	Aerial Spray	Custom	9	100%	1	acre	7.50	7.50		
	Headline	Fungicide	9	100%	5	ounces	3.17	15.87		
	Haul Beets	Custom	12	100%	26	tons	3.00	78.00		
	Scouting Sugar Beet	Scouting	-	100%	1	acre	10.00	10.00		
	Sugar Beet Premium	Crop Insurance	-	100%	1	acre	30.00	30.00		
<b>Total Materials and Services</b>								\$457.75		
<b>Total Listed Costs for Field Operations and Materials and Services</b>									\$717.04	
Interest on Operating Capital \$637.32 cash expense @ 8.00% for 6 months									\$25.49	
<b>Total Operating and Use-Related Ownership Costs</b>									\$742.53	
<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>									\$846.28	
Cost per Ton									\$32.55	
Cash Cost per Ton									\$26.25	