

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 40. Sugar Beets Roundup Ready, One Pass Tillage (23 tons)
Canal Irrigated, 20 Acre-inches**

	Field Operations	Times or Qty	Labor @ \$12/Hr	Fuel @ \$2 and Lube	Repairs		Ownership		Total	Your Estimate
					Power	Imp.	Power	Imp.		
1	Disc	1	1.21	1.52	0.13	1.29	2.78	1.26	8.19	
2	Spray Liquid Fertilizer	1	0.98	0.25	0.10	0.29	2.25	1.26	5.13	
3	Spray	Custom								
4	Till Plant Beets	1	1.84	2.54	0.19	0.93	4.23	8.91	18.65	
5	Hoe	1	0.90	0.50	0.10	0.17	2.07	0.13	3.86	
6	Row Crop Cultivation	1	2.00	1.02	0.23	0.81	5.06	0.79	9.91	
7	Hill/Ditch	1	2.03	1.64	0.38	0.51	2.10	0.59	7.25	
8	Spray	Custom								
9	Ditch Irrigation	20 AI	38.89						38.89	
10	Spray	Custom								
11	Spray	Custom								
12	Top Beets	1	2.07	1.36	0.24	1.19	5.25	4.17	14.27	
13	Lift Beets	1	2.58	2.42	0.27	9.33	5.94	7.51	28.05	
14	Truck	Custom								
15	Subsoil	1	1.45	2.00	0.17	0.34	3.68	1.22	8.87	
Total For Field Operations			\$53.96	\$13.25	\$1.82	\$14.85	\$33.37	\$25.83	\$143.09	
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	Materials and Services		Operation Index	Percent Acres Applied	Application		Applied Price	Total	Your Estimate	
	10-34-0	Fertilizer	2	100%	Rate	Unit				
	28-0-0	Fertilizer	2	100%	13.4	gallons	1.90	25.46		
	Spray	Custom	3, 8, 10	300%	105	lbs N	0.32	33.60		
	Glyphosate w/Surf	Herbicide	3	100%	1	acre	6.00	18.00		
	21-0-0-26S	Fertilizer	3	100%	32	ounces	0.16	5.00		
	Sugar Beets RR Poncho	Seed	4	100%	2	lbs N	0.53	1.06		
	Glyphosate w/Surf	Herbicide	8	100%	1	acre	130.00	130.00		
	21-0-0-26S	Fertilizer	8	100%	32	ounces	0.16	5.00		
	Water Charge	Other	9	100%	2	lbs N	0.53	1.06		
	Glyphosate w/Surf	Herbicide	10	100%	1	acre	35.00	35.00		
	21-0-0-26S	Fertilizer	10	100%	32	ounces	0.16	5.00		
	Aerial Spray	Custom	11	100%	2	lbs N	0.53	1.06		
	Headline	Fungicide	11	100%	1	acre	7.50	7.50		
	Haul Beets	Custom	14	100%	5	ounces	3.00	15.00		
	Total Materials and Services				23	tons	3.00	69.00		
								\$351.74		
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Total listed costs for Field Operations and Materials and Services								\$494.83		
Interest on Operating Capital \$435.62 cash expense @ 8.00% for 6 months								\$17.42		
Total Operating and Use-Related Ownership Costs								\$512.25		
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Overhead (accounting, liability insurance, vehicle cost, office expense)								5.00		
Scouting		Sugar Beets						6.00		
Crop Insurance		Sugar Beets						30.00		
Real Estate Opportunity		Pivot (Panhandle)		\$1,535 per acre @ 4.00%				\$61.40		
Real Estate Taxes				\$1,535 per acre @ 1.00%				\$15.35		
Total Cost per Acre Including Overhead								\$630.00		
Cost per Bushel								\$27.39		
Cash Cost per Bushel								\$21.26		

**2010 Budget 41. Sugar Beets Roundup Ready, One Pass Tillage (23 tons)
Pivot 800 GPM 35 PSI, 16 Acre-inches**

	Field Operations	Times or Qty	Labor @ \$12/Hr	Fuel @ \$2 and Lube	Repairs		Ownership		Total	Your Estimate
					Power	Imp.	Power	Imp.		
1	Disc	1	1.21	1.52	0.13	1.29	2.78	1.26	8.19	
2	Spray Liquid Fertilizer	1	0.98	0.25	0.10	0.29	2.25	1.26	5.13	
3	Spray	Custom								
4	Till Plant Beets	1	1.84	2.54	0.19	0.93	4.23	8.91	18.65	
5	Row Crop Cultivation	1	2.00	1.02	0.23	0.81	5.06	0.79	9.91	
6	Spray	Custom								
7	PivotD 125' Lift	16 AI	6.67	59.38	5.23	18.44	14.38	11.03	115.13	
8	Spray	Custom								
9	Spray	Custom								
10	Top Beets	1	2.07	1.36	0.24	1.19	5.25	4.17	14.27	
11	Lift Beets	1	2.58	2.42	0.27	9.33	5.94	7.51	28.05	
12	Truck	Custom								
13	Subsoil	1	1.45	2.00	0.17	0.34	3.68	1.22	8.87	
Total for Field Operations			\$18.80	\$70.49	\$6.57	\$32.62	\$43.58	\$36.14	\$208.21	
	Materials and Services		Operation Index	Percent Acres Applied	Application		Applied Price	Total	Your Estimate	
					Rate	Unit				
	10-34-0	Fertilizer	2	100%	13.4	gallons	1.90	25.46		
	28-0-0	Fertilizer	2	100%	105	lbs N	0.32	33.60		
	Spray	Custom	3, 6, 8	300%	1	acre	6.00	18.00		
	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		
	Sugar Beets RR Poncho	Seed	4	100%	1	acre	130.00	130.00		
	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		
	Glyphosate w/Surf	Herbicide	8	100%	32	ounces	0.16	5.00		
	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	3.00	15.00		
	Haul Beets	Custom	12	100%	23	tons	3.00	69.00		
Total Materials and Services								\$316.74		
Total listed costs for Field Operations and Materials and Services									\$524.95	
Interest on Operating Capital \$445.23 cash expense @ 8.00% for 6 months									\$17.81	
Total Operating and Use-Related Ownership Costs									\$542.76	
Overhead (accounting, liability insurance, vehicle cost, office expense)									5.00	
Scouting		Sugar Beets							6.00	
Crop Insurance		Sugar Beets							30.00	
Real Estate Opportunity		Pivot (Panhandle)	\$1,535 per acre @ 4.00%						\$61.40	
Real Estate Taxes			\$1,535 per acre @ 1.00%						\$15.35	
Total Cost per Acre Including Overhead									\$660.51	
Cost per Ton									\$28.72	
Cash Cost per Ton									\$21.70	