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# **NEBRASKA**

# **CROP BUDGETS**

**2004**

BY  
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# Crop Budgets

Nebraska - 2004

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## 2004 Crop Budgeting Procedure

A list of representative field operations and materials is provided as a reminder of items typically involved in producing the crop. The budgets are presented in a worksheet format with a “Your Estimate” column for recording modifications in costs.

Labor costs for each operation were calculated from machinery accomplishment rates and adjusted for additional time required for getting machinery ready, adjusting machinery, and handling fertilizer and other supplies. Some operations are budgeted to cover completion multiple times, for example, swathing the several cuttings of hay. The labor and equipment costs shown are the estimated cost for completing the operation the number of times indicated in the “Times or Qty” column. If the operation is completed on only part of the acres or part of the time, the “Times or Qty” is shown in italics. Where the operation involves a unit other than acres, for example tons or AI (acre inches), the budgeted costs are for the total quantity indicated in the “Times or Qty” column.

Labor is budgeted at \$10 per hour, diesel fuel at \$1 per gallon, and electricity at 5 cents per KWH. These prices were selected to make adjustments in labor and energy costs easier.

Estimating labor and equipment costs requires assumptions about the size of the equipment. Costing factors, based on information in the *Agricultural Engineer's Yearbook* specify repair rates and trade-in values as a proportion of list prices. Equipment prices for summer 2003 were used. Representative discounts from list were used to determine purchase costs. The amount each machine was used annually and the years-to-trade then determines hourly repair costs and average annual depreciation and investment. The resulting machinery cost estimates are averages over the years of use.

Irrigation costs were calculated using engineering performance standards and typical water application rates but depends on the rainfall area. Power costs for irrigation refer to the pump and power unit and implement costs are for the delivery system (pipe or pivot). Depreciation and interest for the well are budgeted with land costs.

Materials and services may also be applied on part of the acres, e.g. 20% of the acres in that year, or part of the time, e.g. 1 year in 5. If less than 100% of the acres are treated, the percent acres is shown in italics in the “Acres” column under the Materials and Services Section. The operation number in the Materials and Services section indicates the field operation in the Field Operations section. The cost for each material/service is computed by multiplying the percentage acres times the quantity/acre times the price/unit.

Herbicide and insecticide treatments budgeted are generally one of several materials that could be used. The target pests for insecticide treatments budgeted are:

<u>Crop</u>	<u>Target Pests</u>
Alfalfa	Alfalfa weevil, potato leaf loopers, and army cut worm (west of Kearney)
Corn	Corn rootworm following corn, first and second brood European Corn Borer, western bean cut worm, spider mites, and black cut worm (east of Kearney)
Dry beans	Mexican bean beetle
Grain sorghum	Greenbugs
Soybeans	Bean leaf beetle and other defoliating insects
Sugarbeets	Sugarbeet root maggot
Sunflowers	Sunflower head moth
Wheat	Russian wheat aphid

Operating capital interest is calculated on cash expense, which includes the cost of materials and services plus the field operations cost excluding depreciation. Overheads are budgeted to cover business costs not directly related to field operations. Management is also budgeted to provide a return to management and to cover management costs such as scouting and crop insurance. Eight percent of historical revenue levels were budgeted as a management fee.

Machinery and land ownership costs are budgeted to provide a return to (or interest on) investment and to cover property taxes and insurance (and housing for machinery). The interest on investment is calculated using a representative market rate of interest less the expected rate of inflation (the real rate of interest). Land costs and yields have been specified in each budget but will depend upon rainfall and soil productivity. A cash rent would substitute for the real estate taxes and interest on land and interest and depreciation for improvements (irrigation wells) and depreciation and repairs of any irrigation equipment provided by the landlord. Establishment costs for perennial forages are spread over the expected life of the stand.

Space is provided to estimate the value of production plus farm program payments. Any net revenue would be an additional return to labor, management, and investment capital.

Related publications available at your local Extension office:

- CC 371 Estimated Irrigation Costs
- EC 823 Nebraska Farm Custom Rates–Part I
- EC 826 Nebraska Farm Custom Rates–Part II
- EC 818 Nebraska Livestock Budgets
- EC 809 Nebraska Farm Real Estate Market Developments
- EC 883 Crop and Livestock Prices for Nebraska Producers
- EC 130 Guide for Weed Management in Nebraska

2004 Machinery Ownership And Operation Costs

Operation	Unit	\$ Cost per Acre, Diesel @ \$1.00 per gallon, Wage \$10/ hr								Total	Equipment			Pwr to Trade			Imp to Trade			
		Labor	Fuel& Repairs		Deprec		THII@ 6.5%		Pwr		Imp	Bot Yrs	Hrs /yr	% Life	Imp Bot Yrs	Ann'l use	% Life			
			Lube	Power	Impl	Power	Impl	Power										Impl		
<b>Primary Tillage</b>																				
Chisel	1 ac	\$0.98	\$0.75	\$0.13	\$0.55	\$0.73	\$0.74	\$0.72	\$0.89	\$5.49	130HP	19FT	New	15	400	38%	New	20	760 ac	73%
Chisel	1 ac	0.98	0.75	0.23	0.55	0.42	0.74	0.41	0.89	4.97	130HP	19FT	New	15	700	66%	New	20	760 ac	73%
Disc	1 ac	1.00	0.76	0.13	0.79	0.74	0.81	0.73	0.67	5.64	130HP	21FT	New	15	400	38%	New	15	1,260 ac	93%
Disc	1 ac	1.00	0.76	0.23	0.79	0.43	0.81	0.42	0.67	5.11	130HP	21FT	New	15	700	66%	New	15	1,260 ac	93%
Field Cult	1 ac	0.51	0.38	0.07	0.40	0.37	0.41	0.37	0.40	2.92	130HP	28FT	New	15	400	38%	New	15	2,380 ac	88%
Field Cult	1 ac	0.51	0.38	0.12	0.40	0.22	0.41	0.21	0.40	2.65	130HP	28FT	New	15	700	66%	New	15	2,380 ac	88%
Plow	1 ac	1.65	1.25	0.46	1.73	0.96	1.10	0.79	1.09	9.03	160HP	8-18	New	15	700	66%	New	15	800 ac	97%
Subsoil	1 ac	1.32	1.00	0.44	0.31	0.91	2.10	0.75	2.39	9.23	200HP	12.5FT	New	15	700	66%	New	20	200 ac	26%
Disk ripper	1 ac	1.58	1.35	0.53	0.54	1.09	3.14	0.91	2.92	12.05	200HP	12.5FT	New	15	700	66%	New	20	300 ac	47%
<b>Seed Bed Preparation</b>																				
Fallow Master	1 ac	0.51	0.41	0.17	0.47	0.35	1.02	0.29	1.16	4.38	200HP	28FT	New	15	700	66%	New	20	1,200 ac	59%
Harrow	1 ac	0.59	0.11	0.10	0.07	0.04	0.26	0.12	0.40	1.69	60HP	24FT	Used	10	200	77%	New	30	500 ac	43%
Rod Weeder	1 ac	0.83	0.41	0.19	0.53	0.35	0.96	0.34	0.90	4.52	130HP	24FT	New	15	700	66%	New	20	800 ac	65%
Roll	1 ac	1.10	0.55	0.22	0.29	0.09	1.71	0.27	2.03	6.25	75HP	15FT	Used	10	200	77%	New	30	300 ac	49%
Roller Harrow	1 ac	1.38	0.49	0.23	1.13	0.09	1.51	0.28	1.45	6.57	60HP	12FT	Used	10	200	77%	New	20	720 ac	97%
<b>Application of Fertilizers and Chemicals</b>																				
Anhy Apply	1 ac	1.04	0.73	0.27	Incl	0.55	Incl	0.46	Incl	3.05	200HP	Incl	New	15	700	66%				
Anhy Apply	1 ac	1.39	0.81	0.17	0.57	1.07	0.56	0.91	0.50	5.98	160HP	22.5FT	New	15	400	38%	New	12	800 ac	84%
Anhy Apply	1 ac	1.05	0.61	0.27	1.08	0.55	1.04	0.46	1.15	6.21	200HP	30FT	New	15	700	66%	New	15	800 ac	79%
Anhy Apply(attach)	1 ac	0.27			0.15		0.15		0.13	0.70		22.5FT					New	12	800 ac	84%
Anhy Apply(attach)	1 ac	0.16			0.15		0.15		0.13	0.59		22.5FT					New	12	800 ac	84%
Apply Nemat	1 ac										Custom									
Spray	1 ac	0.49	0.11	0.07	0.11	0.03	0.09	0.08	0.10	1.07	60HP	50FT	Used	10	200	77%	New	15	2,500 ac	98%
Spray	1 ac										Custom									
Spray	1 ac	0.81	0.13	0.11	0.15	0.05	0.17	0.13	0.19	1.74	60HP	30FT	Used	10	200	77%	New	15	1,200 ac	78%
Spray(attached)	1 ac	0.16			0.15		0.17		0.19	0.67		30FT					New	15	1,200 ac	78%
Spread,Fert.	1 ac	0.78	0.28	0.11	Incl	0.04	Incl	0.13	Incl	1.34	60HP	Incl	Used	10	200	77%				
<b>Planting</b>																				
Drill	1 ac	0.68	0.47	0.08	1.08	0.46	1.35	0.46	1.74	6.32	130HP	35FT	New	15	400	38%	New	20	1,000 ac	82%
No-Till Drill	1 ac	1.59	0.90	0.19	1.87	1.08	1.70	1.06	2.18	10.57	130HP	15FT	New	15	400	38%	New	20	500 ac	95%
Drill	1 ac	1.49	0.68	0.27	0.84	0.11	0.87	0.33	1.12	5.72	75HP	16FT	Used	10	200	77%	New	20	500 ac	89%
Plant	1 ac	1.82	0.46	0.21	0.52	1.19	1.98	1.17	1.56	8.92	130HP	6-30	New	15	400	38%	New	8	500 ac	42%
Plant	1 ac	1.82	0.46	0.37	0.52	0.69	1.98	0.67	1.56	8.07	130HP	6-30	New	15	700	66%	New	8	500 ac	42%
Plant No-Till	1 ac	2.03	0.63	0.23	1.01	1.32	1.49	1.30	1.47	9.48	130HP	6-30	New	15	400	38%	New	12	500 ac	70%
Plant No-Till	1 ac	2.03	0.63	0.41	1.01	0.76	1.49	0.74	1.47	8.54	130HP	6-30	New	15	700	66%	New	12	500 ac	70%
Plant Narrow Row	1 ac	2.03	0.63	0.23	1.74	1.32	2.59	1.30	2.54	12.38	130HP	6-30/15	New	15	400	38%	New	12	500 ac	70%
Ridge Plant	1 ac	2.03	0.63	0.23	1.01	1.32	1.49	1.30	1.47	9.48	130HP	6-30	New	15	400	38%	New	12	500 ac	70%
Seeder/Packer	1 ac	2.22	0.87	0.34	Rent	0.14	Rent	0.41	Rent	3.98	60HP	Rent	Used	10	200	77%				
Grass Drill	1 ac	2.22	0.87	0.34	Rent	0.14	Rent	0.41	Rent	3.98	60HP	Rent	Used	10	200	77%				
<b>Row Crop Tillage</b>																				
Hoe	1 ac	0.66	0.23	0.09	0.05	0.49	0.30	0.48	0.29	2.58	130HP	15FT	New	15	400	38%	New	20	500 ac	32%
Ridge Cult	1 ac	1.68	0.82	0.22	0.68	1.22	0.65	1.21	0.65	7.13	130HP	6-30	New	15	400	38%	New	15	750 ac	91%
Row Crop Cult	1 ac	1.68	0.47	0.33	0.30	0.48	0.29	0.75	0.29	4.60	105HP	6-30	Used	20	200	70%	New	15	750 ac	91%

THII = Taxes, Housing, Interest, Insurance

2004 Machinery Ownership And Operation Costs

Operation	Unit	\$ Cost per Acre, Diesel @ \$1.00 per gallon, Wage \$10/ hr										Pwr to Trade			Imp to Trade					
		Labor	Fuel& Repairs		Deprec		THII@ 6.5%		Total	Equipment Pwr	Equipment Imp	Pwr Bot Yrs	Hrs /yr	% Life	Imp Bot Yrs	Ann'l use	% Life			
			Lube	Power	Impl	Power	Impl	Power										Impl		
<b>Irrigation</b>																				
Corrigate	1 ac	\$1.55	\$0.63	\$0.26	\$0.28	\$0.39	\$1.15	\$0.60	\$1.76	\$6.62	105HP	15FT	Used	20	200	70%	New	30	200 ac	39%
Ditch	1 ac	2.28	1.11	0.26	0.06	1.44	0.23	1.42	0.27	7.07	130HP	Ditch	New	15	400	38%	New	30	200 ac	57%
<b>Labor</b>																				
Thin	1 ac										Labor									
Weed	1 ac										Labor									
<b>PreHarvest</b>																				
Cut Dry Beans	1 ac	1.80	0.94	0.38	0.34	0.71	0.85	0.69	1.00	6.70	130HP	15FT	New	15	700	66%	New	30	300 ac	73%
Top Beets	1 ac	1.88	0.68	0.44	1.13	0.82	2.53	0.79	2.43	10.71	130HP	6ROW	New	15	700	66%	New	20	300 ac	94%
Lift Beets	1 ac	2.13	1.21	0.45	11.75	0.84	8.35	0.82	6.17	31.71	130HP	6ROW	New	15	700	66%	New	12	600 ac	92%
Turn Windrows	1 ac	0.88	0.17	0.15	0.07	0.06	0.59	0.18	0.55	2.65	60HP	9FT	Used	10	200	77%	New	20	300 ac	25%
Rod Dry Beans	1 ac	1.94	0.94	0.38	0.26	0.71	0.53	0.69	0.63	6.07	130HP	15FT	New	15	700	66%	New	30	300 ac	73%
Swath/Cond Hay	1 ac	1.23	0.62	0.25	0.98	0.37	1.10	0.57	1.00	6.12	105HP	14FT	Used	20	200	70%	New	20	1,000 ac	98%
Windrow Grain	1 ac	1.15	0.35	0.19	0.07	0.29	0.92	0.44	0.86	4.27	105HP	18FT	Used	20	200	70%	New	20	500 ac	32%
Pickett Windrower	1 ac	1.55	0.88	0.37	1.00	0.77	2.74	0.64	3.25	11.19	160HP	15FT	New	15	700	66%	New	30	300 ac	58%
<b>Harvesting</b>																				
Sm Sq Bale	1 ton	2.55	0.44	0.39	1.14	0.16	2.27	0.48	2.77	10.20	60HP	50Lb	Used	10	200	77%	New	30	200 ton	69%
Lg Rd Bale	1 ton	0.82	0.22	0.10	0.21	0.56	1.55	0.55	1.50	5.51	130HP	1500Lb	New	15	400	38%	New	20	300 ton	30%
Lg Sq Bale	1 ton	0.68	0.39	0.10	0.67	0.63	1.31	0.53	1.60	5.91	160HP	1350Lb	New	15	400	38%	New	30	1,200 ton	74%
Lg Sq Bale	1 ton										Custom									
Combine	1 ac	1.94	1.56	2.10	0.20	8.57	0.60	5.04	0.49	20.50	190HP	Pickup	New	10	200	67%	New	20	750 ac	87%
Combine	1 ac	1.52	1.46	1.65	0.10	6.73	0.99	3.96	0.85	17.26	190HP	G20FT	New	10	200	67%	New	20	500 ac	46%
Combine	1 ac	1.52	1.46	1.71	0.10	7.00	0.99	4.12	0.85	17.75	220HP	G20FT	New	10	200	67%	New	20	500 ac	46%
Combine	1 ac	0.97	1.16	1.24	0.13	5.05	0.53	2.97	0.45	12.50	275HP	G30FT	New	10	200	67%	New	20	1,200 ac	70%
Combine dryland	1 ac	2.02	1.94	2.18	0.73	8.93	1.51	5.25	1.07	23.62	190HP	6-30	New	10	200	67%	New	15	800 ac	95%
Combine irrig	1 ac	2.64	2.54	2.86	0.73	11.69	1.51	6.87	1.07	29.91	190HP	6-30	New	10	200	67%	New	15	800 ac	95%
Combine	1 ac	1.94	1.86	2.10	0.37	8.57	0.87	5.04	0.72	21.47	190HP	15'Flex	New	10	200	67%	New	20	800 ac	93%
Chop Silage	1 ac										Custom									
<b>Handling</b>																				
Auger	100 bu	0.36	0.06	0.05	0.06	0.02	0.14	0.06	0.15	0.90	60HP	10"	Used	10	200	77%	New	20	200 bu000	61%
Cart	100 bu	0.46	0.30	0.06	0.32	0.39	0.55	0.33	0.52	2.93	160HP	750BU	New	15	400	38%	New	20	200 bu000	76%
Dry	1 bu										Custom									
Gravity wagon	100 bu				0.03		0.05		0.06	0.13		240BU					New	30	200 bu000	80%
Stack Sm Sq	1 ton	3.20	0.52	0.45	0.25	0.18	0.35	0.55	0.42	5.93	60HP	Wagon	Used	10	200	77%	New	30	300 ton	80%
Load Lg Sq	1 ton	1.20	0.44	0.16	0.05	1.02	0.68	0.87	0.63	5.05	160HP	Loader	New	15	400	38%	New	20	450 ton	17%
Move Lg Rd	1 ton	0.89	0.33	0.10	0.01	0.56	0.07	0.55	0.08	2.59	130HP	Fork	New	15	400	38%	New	30	200 ton	22%
Truck	1 bu										Custom									
Truck	1 cwt										Custom									
Truck	1 ton										Custom									
<b>Miscellaneous</b>																				
Chop Stalks	1 ac	0.88	0.46	0.10	0.24	0.56	0.58	0.55	0.53	3.89	130HP	20FT	New	15	400	38%	New	20	800 ac	98%
Pack Silage	1 ton	0.30	0.11	0.04	0.05	0.26	0.68	0.22	0.63	2.29	160HP	Loader	New	15	400	38%	New	20	450 ton	17%

THII = Taxes, Housing, Interest, Insurance

**Prices Used for 2004 Crop Budgets**

<b>Item</b>	<b>Price Quote</b>	<b>Conversion</b>	<b>Budget Price/unit</b>	
<b>Custom Operation Rates</b>				
Aerial Spray	\$4.00 /ac	1 ac	\$4.00 /ac	
Apply Anhy N/Coulters	7.00 /ac	1 ac	7.00 /ac	
Bale L R 1500 lb	8.00 /bale	1 bale	8.00 /bale	
Bale L Sq 1350 lb	10.00 /bale	1 bale	10.00 /bale	
Bale Sm Sq 50 lb	0.40 /bale	1 bale	0.40 /bale	
Chisel plow	10.00 /ac	1 ac	10.00 /ac	
Chop,Haul,Pack	5.50 /ton	1 ton	5.50 /ton	
Combine	20.00 /ac	1 ac	20.00 /ac	
Cultivate	7.00 /ac	1 ac	7.00 /ac	
Disk Primary	7.00 /ac	1 ac	7.00 /ac	
Disk Secondary	6.00 /ac	1 ac	6.00 /ac	
Drill No-Till	12.00 /ac	1 ac	12.00 /ac	
Drill Sm Grain	10.00 /ac	1 ac	10.00 /ac	
Drill Soybeans	10.00 /ac	1 ac	10.00 /ac	
Dry 4 Points Removed	0.20 /bu	1 bu	0.20 /bu	
Field Cultivate	6.00 /ac	1 ac	6.00 /ac	
Haul Beets	3.00 /ton	1 ton	3.00 /ton	
Haul Grain bu	0.06 /bu	1 bu	0.06 /bu	
Haul Grain cwt	0.14 /cwt	1 cwt	0.14 /cwt	
Haul Silage	2.00 /ton	1 ton	2.00 /ton	
Move Bales L R	2.00 /bale	1 bale	2.00 /bale	
Move Bales Sm Sq	0.50 /bale	1 bale	0.50 /bale	
Nemat Application	12.50 /ac	1 ac	12.50 /ac	
Plant No-Till Row Crop	10.00 /ac	1 ac	10.00 /ac	
Plant Row Crop	10.00 /ac	1 ac	10.00 /ac	
Spray	4.50 /ac	1 ac	4.50 /ac	
Swath/Crimp Hay	8.00 /ac	1 ac	8.00 /ac	
Windrow Grain	10.00 /ac	1 ac	10.00 /ac	
<b>Fertilizers</b>				
0-0-22-22s-11mg	Potass Sulphate	221.00 /ton	2,000 lb	\$0.11 /lb
10-34-0	Liquid Mix	250.00 /ton	175.6 gal	1.42 /gal
10-34-0-1z	Liquid Mix	320.00 /ton	176.5 gal	1.81 /gal
11-52-0	Mono Ammonium Phosphate	255.00 /ton	2,000 lb	0.13 /lb
18-46-0	Di Ammonium Phosphate	249.00 /ton	2,000 lb	0.12 /lb
28-0-0	Liquid N	153.00 /ton	560 lb N	0.27 /lb N
46-0-0	Urea	270.00 /ton	920 lb N	0.29 /lb N
82-0-0	Anhy Ammonia	320.00 /ton	1,640 lb N	0.20 /lb N
90 %Sulfur	Sulfur	470.00 /ton	1,800 lb S	0.26 /lb S
<b>Fungicide</b>				
Supertin		35.00 /lb	16 oz	2.19 /oz
Tilt		360.00 /gal	128 oz	2.81 /oz
<b>Herbicide</b>				
2,4-D Amine		12.00 /gal	8 pt	1.50 /pt
2,4-D Ester 4#		14.50 /gal	8 pt	1.81 /pt
2,4-D Ester 6#		19.50 /gal	8 pt	2.44 /pt
21-0-0-26s	Spray Grade Ammonium Sulfate	0.17 /lb	1 lb	0.17 /lb
AATrex 4L		12.20 /gal	4 qt	3.05 /qt
AATrex DF		2.60 /lb	1 lb	2.60 /lb
Accent		35.10 /oz	1 oz	35.10 /oz
Accent Gold		7.70 /oz	1 oz	7.70 /oz
Aim		7.00 /oz	1 oz	7.00 /oz

**Prices Used for 2004 Crop Budgets**

<b>Item</b>	<b>Price Quote</b>	<b>Conversion</b>	<b>Budget Price/unit</b>
<b>Herbicide</b>			
Aim EW	176.20 /qt	1 qt	176.20 /qt
Alanap L	35.60 /gal	4 qt	8.90 /qt
Ally	\$23.50 /oz	1 oz	23.50 /oz
Ally	23.50 /oz	1 oz	23.50 /oz
Ally Extra	10.10 /oz	1 oz	10.10 /oz
Amber	8.30 /oz	1 oz	8.30 /oz
Amber Custom Pak	8.30 /oz	1 oz	8.30 /oz
Aquathol 1.6E	69.20 /gal	4 qt	17.30 /qt
Aquathol Super K	17.50 /lb	16 oz	1.09 /oz
Arsenal	302.80 /gal	4 qt	75.70 /qt
Assure II	142.00 /gal	128 oz	1.11 /oz
Atrazine 4F	10.40 /gal	4 qt	2.60 /qt
Atrazine 4L	10.40 /gal	4 qt	2.60 /qt
Atrazine 90 DF	2.25 /lb	1 lb	2.25 /lb
Authority	1.72 /oz	1 oz	1.72 /oz
Axiom	18.65 /lb	16 oz	1.17 /oz
Backdraft	19.70 /gal	4 qt	4.93 /qt
Backdraft SL	19.70 /gal	4 qt	4.93 /qt
Balan DF	9.45 /lb	1 lb	9.45 /lb
Balance Pro	6.70 /oz	1 oz	6.70 /oz
Banvel	86.00 /gal	128 oz	0.67 /oz
Basagran	84.00 /gal	8 pt	10.50 /pt
Basis	18.00 /oz	1 oz	18.00 /oz
Basis Gold	20.50 /lb	16 oz	1.28 /oz
Beacon	26.70 /oz	1 oz	26.70 /oz
Betamix	109.50 /gal	8 pt	13.69 /pt
Beyond	535.00 /gal	128 oz	4.18 /oz
Bicep II Magnum	43.90 /gal	4 qt	10.98 /qt
Bicep Lite II Magnum	57.60 /gal	4 qt	14.40 /qt
Blazer	68.00 /gal	8 pt	8.50 /pt
Boundary	81.00 /gal	8 pt	10.13 /pt
Bronate	60.90 /gal	8 pt	7.61 /pt
Bronate Advanced	60.90 /gal	8 pt	7.61 /pt
Buctril	61.00 /gal	8 pt	7.63 /pt
Buctril + Atrazine	39.00 /gal	4 qt	9.75 /qt
Bullet	20.00 /gal	4 qt	5.00 /qt
Butyrac 200	34.00 /gal	4 qt	8.50 /qt
Callisto	541.00 /gal	128 oz	4.23 /oz
Camix	57.00 /gal	8 pt	7.13 /pt
Canopy XL	2.20 /oz	1 oz	2.20 /oz
Canvas	14.30 /oz	1 oz	14.30 /oz
Casoron 4G	2.20 /lb	1 lb	2.20 /lb
Celebrity Plus	5.34 /oz	1 oz	5.34 /oz
Cimarron	21.50 /oz	1 oz	21.50 /oz
Cimarron MAX	272.00	272.00	
Clarity	94.70 /gal	8 pt	11.84 /pt
Classic	12.60 /oz	1 oz	12.60 /oz
Cobra	143.00 /gal	128 oz	1.12 /oz
Conclude Xact G	64.70 /gal	8 pt	8.09 /pt
Crop Oil Concentrate	4.40 /gal	8 pt	0.55 /pt
Crossbow	51.00 /gal	8 pt	6.38 /pt
Curtail	39.80 /gal	8 pt	4.98 /pt

**Prices Used for 2004 Crop Budgets**

<b>Item</b>	<b>Price Quote</b>	<b>Conversion</b>	<b>Budget Price/unit</b>
<b>Herbicide</b>			
Curtail M	44.50 /gal	8 pt	5.56 /pt
Dacthal 75W	\$14.10 /lb	16 oz	0.88 /oz
Define	19.60 /lb	16 oz	1.23 /oz
Degree	44.50 /gal	4 qt	11.13 /qt
Degree Xtra	31.00 /gal	4 qt	7.75 /qt
Dimension	120.00 /gal	8 pt	15.00 /pt
Distinct	41.60 /lb	16 oz	2.60 /oz
Diuron	3.70 /lb	1 lb	3.70 /lb
Domain	13.50 /lb	16 oz	0.84 /oz
Double Play	32.00 /gal	8 pt	4.00 /pt
Dual II Magnum	112.50 /gal	8 pt	14.06 /pt
Epic	36.40 /lb	16 oz	2.28 /oz
Eptam 20 G	1.10 /lb	1 lb	1.10 /lb
Eptam 7 E	34.40 /gal	8 pt	4.30 /pt
Eradicane	29.00 /gal	8 pt	3.63 /pt
Escort XP	20.60 /oz	1 oz	20.60 /oz
Evik	6.50 /lb	1 lb	6.50 /lb
Exceed	11.50 /oz	1 oz	11.50 /oz
Express	19.00 /oz	1 oz	19.00 /oz
Express XP	19.20 /oz	1 oz	19.20 /oz
Extreme	32.50 /gal	8 pt	4.06 /pt
Fallow Master Broad Spectrum	22.40 /gal	8 pt	2.80 /pt
Fieldmaster	26.40 /gal	4 qt	6.60 /qt
Finesse	14.70 /oz	1 oz	14.70 /oz
First Rate	26.80 /oz	1 oz	26.80 /oz
Five Star	26.30 /gal	4 qt	6.58 /qt
Flexstar	105.00 /gal	8 pt	13.13 /pt
Freedom	12.50 /gal	4 qt	3.13 /qt
Frontier	89.10 /gal	8 pt	11.14 /pt
Fultime	29.00 /gal	4 qt	7.25 /qt
Fusilade DX	136.00 /gal	8 pt	17.00 /pt
Fusion	151.60 /gal	128 oz	1.18 /oz
Gangster	567.00		
Garlon 3 lb A	74.00 /gal	8 pt	9.25 /pt
Garlon 4 lb E	94.00 /gal	8 pt	11.75 /pt
Gauntlet	3.12 /oz	1 oz	3.12 /oz
Glean	16.00 /oz	1 oz	16.00 /oz
Glyphosate (generic)with Surfactant	24.00 /gal	4 qt	6.00 /qt
G-Max Lite	51.20 /gal	4 qt	12.80 /qt
Goal 2XL	100.00 /gal	8 pt	12.50 /pt
Gramoxone Max	40.20 /gal	8 pt	5.03 /pt
Grazon P+D	29.60 /gal	4 qt	7.40 /qt
Guardsman	38.50 /gal	8 pt	4.81 /pt
Guardsman MAX	44.50 /gal	4 qt	11.13 /qt
Harmony GT	11.70 /gal	8 pt	1.46 /pt
Harmony Xtra	12.50 /oz	1 oz	12.50 /oz
Harness	77.50 /gal	8 pt	9.69 /pt
Harness 20G	2.20 /gal	1 gal	2.20 /gal
Harness Xtra 5.6L	37.40 /gal	4 qt	9.35 /qt
Harness Xtra 6L	49.50 /gal	4 qt	12.38 /qt
Hi-Dep	20.00 /gal	8 pt	2.50 /pt
Hoelon	60.20 /gal	8 pt	7.53 /pt
Hornet	53.00 /lb	16 oz	3.31 /oz
Hornet WDG	53.00 /lb	16 oz	3.31 /oz
Hyvar XL	64.00 /gal	8 pt	8.00 /pt
Karmex 80W	5.00 /lb	1 lb	5.00 /lb

**Prices Used for 2004 Crop Budgets**

<b>Item</b>	<b>Price Quote</b>	<b>Conversion</b>	<b>Budget Price/unit</b>
<b>Herbicide</b>			
Kerb	38.80 /lb	16 oz	2.43 /oz
Keystone	35.60 /gal	8 pt	4.45 /pt
Keystone LA	43.50 /gal	8 pt	5.44 /pt
Krenite	\$57.50 /gal	8 pt	7.19 /pt
Krovar	11.60 /lb	1 lb	11.60 /lb
Laddok S-12	46.50 /gal	8 pt	5.81 /pt
Landmaster BW	16.70 /gal	128 oz	0.13 /oz
Lariat	19.70 /gal	4 qt	4.93 /qt
Lasso	23.80 /gal	4 qt	5.95 /qt
Leadoff	37.00 /gal	8 pt	4.63 /pt
Liberty	65.60 /gal	8 pt	8.20 /pt
Liberty ATZ	53.20 /gal	8 pt	6.65 /pt
Lightning	12.50 /oz	1 oz	12.50 /oz
Lumax	44.00 /gal	8 pt	5.50 /pt
Marksman	31.20 /gal	8 pt	3.90 /pt
Matrix	13.60 /oz	1 oz	13.60 /oz
Maverick	15.10 /oz	1 oz	15.10 /oz
MCPA	16.20 /gal	4 qt	4.05 /qt
Micro-Tech	24.00 /gal	4 qt	6.00 /qt
MSO	12.00 /gal	8 pt	1.50 /pt
Northstar	2.00 /oz	1 oz	2.00 /oz
Nortron SC	115.00 /gal	8 pt	14.38 /pt
Outlaw	28.90 /gal	4 qt	7.23 /qt
Outlook	145.00 /gal	8 pt	18.13 /pt
Paramount	3.10 /oz	1 oz	3.10 /oz
Peak	11.30 /oz	1 oz	11.30 /oz
Permit	16.00 /oz	1 oz	16.00 /oz
Phoenix	151.00 /gal	128 oz	1.18 /oz
Poast	70.70 /gal	8 pt	8.84 /pt
Poast Plus	52.90 /gal	8 pt	6.61 /pt
Pramitol 25E	28.00 /gal	4 qt	7.00 /qt
Pramitol SP 5 PS	2.10 /lb	1 lb	2.10 /lb
Princep 4L	18.00 /gal	4 qt	4.50 /qt
Princep Cal 90	4.00 /lb	1 lb	4.00 /lb
Progress	126.10 /gal	8 pt	15.76 /pt
Prowl	22.00 /gal	8 pt	2.75 /pt
Pursuit DG	11.60 /oz	1 oz	11.60 /oz
Pursuit Plus	51.00 /gal	8 pt	6.38 /pt
Python WDG	9.50 /oz	1 oz	9.50 /oz
Raptor	4.30 /oz	1 oz	4.30 /oz
Rave	1.40 /oz	1 oz	1.40 /oz
Ready Master ATZ	27.50 /gal	4 qt	6.88 /qt
Redeem R&P	98.20 /gal	8 pt	12.28 /pt
Reflex	95.00 /gal	8 pt	11.88 /pt
Remedy	94.00 /gal	8 pt	11.75 /pt
Remedy RTU	39.00 /gal	8 pt	4.88 /pt
Resource	168.00 /gal	128 oz	1.31 /oz
Result	49.50 /gal	8 pt	6.19 /pt
Rodeo	50.60 /gal	8 pt	6.33 /pt
Ro-Neet 6E	62.80 /gal	128 oz	0.49 /oz
Ro-Neet 7E	61.30 /gal	128 oz	0.48 /oz
Roundup Original	41.00 /gal	8 pt	5.13 /pt
Roundup Ultra Rt	23.50 /gal	8 pt	2.94 /pt
Roundup UltraMax	50.30 /gal	128 oz	0.39 /oz
Roundup Weather Max	64.30 /gal	8 pt	8.04 /pt
RT Master	23.90 /gal	8 pt	2.99 /pt
Sahara	11.00 /lb	1 lb	11.00 /lb
Sceptor 70 DG ECO	69.30 /lb	16 oz	4.33 /oz
Select	197.30 /gal	128 oz	1.54 /oz
Sencor DF	20.30 /lb	16 oz	1.27 /oz

3.3EC

2EC

Prices Used for 2004 Crop Budgets

Item	Price Quote	Conversion	Budget Price/unit
<b>Herbicide</b>			
Sinbar 80W	32.00 /lb	1 lb	32.00 /lb
Sonalan	27.90 /gal	8 pt	3.49 /pt
Sonalan 10G	\$1.00 /lb	1 lb	1.00 /lb
Sonalan HFP	28.30 /gal	8 pt	3.54 /pt
Spartan 7F DF	44.80 /lb	16 oz	2.80 /oz
Spike 20P	11.60 /lb	16 oz	0.73 /oz
Spirit	10.00 /oz	1 oz	10.00 /oz
Squadron	37.30 /gal	4 qt	9.33 /qt
Starane	91.00 /gal	8 pt	11.38 /pt
Starane + Salvo	50.40 /gal	8 pt	6.30 /pt
Steadfast	21.10 /oz	1 oz	21.10 /oz
Steel	37.50 /gal	8 pt	4.69 /pt
Stellar	211.00 /gal	128 oz	1.65 /oz
Stinger	130.00 /qt	2 pt	65.00 /pt
Storm	90.10 /gal	8 pt	11.26 /pt
Surfactant/Nonionic 90%	16.60 /gal	4 qt	4.15 /qt
Surflan AS	101.40 /gal	8 pt	12.68 /pt
Surpass	72.10 /gal	8 pt	9.01 /pt
Surpass	72.10 /gal	8 pt	9.01 /pt
Synchrony	10.00 /oz	1 oz	10.00 /oz
Telar	22.50 /oz	1 oz	22.50 /oz
Topnotch	36.30 /gal	4 qt	9.08 /qt
Tordon 22K	92.50 /gal	8 pt	11.56 /pt
Tordon RTU	35.00 /gal	4 qt	8.75 /qt
Touchdown IQ	42.20 /gal	128 oz	0.33 /oz
Transline	350.00 /gal	128 oz	2.73 /oz
Treflan	28.00 /gal	8 pt	3.50 /pt
Treflan HFP	28.00 /gal	8 pt	3.50 /pt
Trifluralin	19.30 /gal	4 qt	4.83 /qt
Ultra Blazer	77.40 /gal	8 pt	9.68 /pt
Upbeet	50.00 /oz	1 oz	50.00 /oz
Valor	81.40 /lb	16 oz	5.09 /oz
Velpar DF	22.30 /lb	16 oz	1.39 /oz
Velpar L	60.00 /gal	128 oz	0.47 /oz
Vista	86.30 /gal	8 pt	10.79 /pt
Yukon	2.80 /oz	1 oz	2.80 /oz
Zorial Rapid 80	15.10 /lb	1 lb	15.10 /lb
<b>Insecticide</b>			
Asana XL	96.00 /gal	128 oz	0.75 /oz
Capture 2 EC	430.00 /gal	128 oz	3.36 /oz
Counter 20 CR	3.00 /lb	1 lb	3.00 /lb
Lorsban 15 G	1.58 /lb	1 lb	1.58 /lb
Lorsban 4 E	35.24 /gal	8 pt	4.41 /pt
Telone Nemat	11.00 /gal	1 gal	11.00 /gal
Warrior T	280.00 /gal	128 oz	2.19 /oz
<b>Other</b>			
Connect Charge	25.00 /acre	1 ac	25.00 /ac
Electricity fence/water	1.60 /ac	1 ac	1.60 /ac
Fence/water repairs	2.00 /ac	1 ac	2.00 /ac
Move Cattle	7.50 /hr	1 hr	7.50 /hr
Rouging	20.00 /ac	1 ac	20.00 /ac
Twine Lg Rd	21.49 /ball	44 bale	0.49 /bale
Twine Lg Sq	20.99 /box	50 bale	0.42 /bale
Twine Sm Sq	\$20.99 /box	600 bale	0.03 /bale
Water Charge	25.00 /ac	1 ac	25.00 /ac
Weeding	30.00 /ac	1 ac	30.00 /ac

STS

**Prices Used for 2004 Crop Budgets**

<b>Item</b>	<b>Price Quote</b>	<b>Conversion</b>	<b>Budget Price/unit</b>
<b>Rental</b>			
Broadcast Fertilizer Spreader	2.75 /ac	1 ac	2.75 /ac
Grass Drill	8.00 /ac	1 ac	8.00 /ac
Seeder-Packer	7.00 /ac	1 ac	7.00 /ac
<b>Seed</b>			
Alfalfa w/Inoculant	2.95 /lb	1 lb	2.95 /lb
Corn	100.00 /bag	1 bag	100.00 /bag
Corn Bt	130.00 /bag	1 bag	130.00 /bag
Corn RR	126.00 /bag	1 bag	126.00 /bag
Edible Beans	46.00 /cwt	1 cwt	46.00 /cwt
Grass Seed	35.00 /ac	1 ac	35.00 /ac
Millet	31.00 /cwt	100 lb	0.31 /lb
Oats	5.95 /bu	1 bu	5.95 /bu
RR Soybeans	24.00 /bag	1 bag	24.00 /bag
Sorghum	62.00 /bag	50 lb	1.24 /lb
Sorghum Safened	72.00 /bag	50 lb	1.44 /lb
Sorghum Sudan	25.00 /bag	50 lb	0.50 /lb
Soybean	22.00 /bag	1 bag	22.00 /bag
Sugar Beets	41.50 /ac	1 ac	41.50 /ac
Sunflower	150.00 /bag	67 lb	2.25 /lb
Wheat	0.20 /lb	1 lb	0.20 /lb

**University of Nebraska Crop Budget Production Cost Summary 2004**

<b>Crop</b>	<b>Description</b>	<b>Yield</b>	<b>Cash Op Costs incl Op Interest</b>	<b>Mach &amp; Irrig System Deprec</b>	<b>Manage- &amp;Over- heads</b>	<b>Mach- inery &amp;Irrig THII*</b>	<b>Land</b>	<b>Estab Costs</b>	<b>Total Costs/ac</b>
1 Alfalfa	Dryland Estab Fall Seed		\$63.63	\$4.50	\$3.06	\$5.27			\$76.46
2 Alfalfa	Dryland Estab spring seed w/herb	2.3 Ton	105.23	12.66	16.34	16.06	55.00		205.30
3 Alfalfa	Pivot Estab spring seed w/herb	3 Ton	150.92	33.21	21.96	27.60	95.00		328.69
4 Alfalfa	Canal Estab with oats	2 Ton	140.97	15.96	19.62	17.33	95.00		288.87
5 Alfalfa	Dryland Large Round	4 Ton	30.88	17.50	25.26	17.74	55.00	15.29	161.68
6 Alfalfa	Pivot Large Square	6 Ton	126.56	51.64	41.38	40.73	95.00	39.42	394.73
7 Alfalfa	Canal Large Square	6 Ton	204.70	18.32	41.38	17.82	95.00	35.28	412.50
8 Annual Hay	Dryland Annually Planted, Large Round	3 Ton	38.90	13.23	14.82	13.57	55.00		135.52
9 Corn	Dryland Conventional, Continuous	85 Bu	132.18	20.45	22.14	16.02	55.00		245.79
10 Corn	Dryland No-Till, Continous	90 Bu	150.83	15.56	23.08	11.41	55.00		255.88
11 Corn	Dryland No-Till, After Soybean	95 Bu	122.03	15.61	24.03	11.45	55.00		228.12
12 Corn	Dryland No-Till, After Wheat	105 Bu	170.23	16.14	25.93	12.18	55.00		279.48
13 Corn	Dryland Eco-Fallow, After Wheat, 2 Crops in 3 Yr	80 Bu	143.19	15.90	21.19	11.97	45.00		237.25
14 Corn	Gravity Ridge-Till, Continuous	155 Bu	234.59	35.87	41.69	24.24	95.00		431.38
15 Corn	Pivot Ridge-Till, Continuous	155 Bu	217.87	42.71	50.41	30.31	95.00		436.29
16 Corn	Pivot Conventional, Continuous	155 Bu	237.86	44.32	40.41	30.06	95.00		447.65
17 Corn	Pivot No-Till, After Soybean	160 Bu	201.67	34.53	41.05	25.67	95.00		397.92
18 Corn Silage	Pivot Conventional, Continuous	24 Ton	336.70	51.34	42.90	39.50	95.00		565.44
19 Dry Beans	Pivot Conventional	19 Cwt	177.43	32.65	38.20	28.27	95.00		371.55
20 G Sorghum	Dryland Conventional	95 Bu	74.84	16.78	23.21	13.31	55.00		183.13
21 G Sorghum	Dryland No-Till	105 Bu	94.83	11.85	22.91	8.95	55.00		193.54
22 G Sorghum	Dryland Ridge-Till	100 Bu	74.72	16.91	22.06	13.60	55.00		182.29

\* THII = Taxes, Housing, Interest, Insurance

**University of Nebraska Crop Budget Production Cost Summary 2004**

<b>Crop</b>	<b>Description</b>	<b>Yield</b>	<b>Cash Op Costs incl Op Interest</b>	<b>Mach &amp; Irrig System Deprec</b>	<b>Manage- &amp;Over- heads</b>	<b>Mach- inery &amp;Irrig THII*</b>	<b>Land</b>	<b>Estab Costs</b>	<b>Total Costs/ac</b>
23 G Sorghum	Dryland Eco-Fallow, After Wheat, 2 Crops in 3 Yr	90 Bu	108.88	11.75	21.36	9.44	45.00		196.42
24 G Sorghum	Pivot Conventional, Limited Irrigation	140 Bu	113.47	27.38	30.88	25.72	95.00		292.45
25 Grass	Pivot Fall Estab		61.30	7.67	21.00	16.92	0.00		106.89
26 Grass Hay	Dryland Large Round	2 Ton	23.95	7.00	10.82	7.06	30.00		78.83
27 Oats	Dryland Conventional	80 Bu	67.66	14.59	17.44	12.01	55.00		166.69
28 Pasture	Pivot Grazing	10 AUM	112.75	30.54	21.82	12.04	95.00	4.28	276.42
29 Proso Millet	Dryland Stubble Mulch Fallow, After Wheat, 2 Crops in 3 Yr	20 Cwt	31.82	15.30	12.02	12.39	45.00		116.54
30 Soybeans	Dryland Conventional, Roundup Ready	35 Bu	69.77	15.28	22.09	11.15	55.00		173.30
31 Soybeans	Dryland No till, Roundup Ready After Corn	38 Bu	81.27	12.80	23.47	9.34	55.00		181.88
32 Soybeans	Pivot Conventional, Roundup Ready After Corn	55 Bu	97.56	26.67	31.28	21.91	95.00		272.41
33 Soybeans	Pivot Ridge-Till, After Corn	55 Bu	91.09	27.94	30.66	24.33	95.00		269.02
34 Soybeans	Pivot Narrow Row, Roundup Ready After Corn	55 Bu	101.85	24.08	31.28	22.45	95.00		274.64
35 Soybeans	Pivot Drilled, Roundup Ready After Corn	55 Bu	104.45	21.04	31.28	19.90	95.00		271.66
36 Sugar Beets	Canal Conventional	20 Tons	399.81	25.20	80.62	23.34	95.00		623.97
37 Sugar Beets	Pivot One Pass Tillage	20 Tons	357.40	54.47	80.62	36.98	95.00		624.48
38 Sunflower	Dryland No-Till, Following Corn or Grain Sorghum	13 Cwt	64.94	10.83	13.34	8.03	30.00		127.14
39 Sunflower	Dryland Ecofallow, After Wheat, 2 Crops in 3 Yr	15 Cwt	90.27	11.00	14.62	8.29	45.00		169.18
40 Wheat	Dryland No-Till After Row Crop	35 Bu	72.18	10.61	12.98	8.23	55.00		159.00
41 Wheat	Dryland Stubble Mulch Fallow, 1 Crop in 2 Yr	45 Bu	62.04	14.12	15.54	12.33	60.00		164.03
42 Wheat	Dryland Clean-Till Fallow, 1 Crop in 2 Yr	40 Bu	64.20	14.20	14.26	12.12	60.00		164.79
43 Wheat	Dryland Ecofallow Wheat before corn, 2 Crops in	48 Bu	71.00	13.92	16.31	11.42	45.00		157.65
44 Wheat	Pivot Conventional, After Soybeans	80 Bu	137.30	24.81	27.50	20.65	95.00		305.26

\* THII = Taxes, Housing, Interest, Insurance