



#### Corn, Rainfed Conventional, Continuous, 90 bu/ac yield goal 85 bu/ac Corn

Field Operations	Times or	Labor	+Fuel &	Repairs		Depreciation		= Total	Your
-	Qty		Lube	+ <b>Pwr</b>	+Imp	+Pwr	+Imp		Estimate
1 Chisel	1 ac	\$1.19	\$2.98	\$0.18	\$0.70	\$1.04	\$0.94	\$7.03	
2 Apply Anhydrous	1 ac	\$1.68	\$3.24	\$0.24	\$0.73	\$1.49	\$0.71	\$8.09	ļ
3 Field Cultivate	1 ac	\$0.62	\$1.54	\$0.10	\$0.57	\$0.53	\$0.58	\$3.94	
4 Plant	1 ac	\$2.20	\$1.82	\$0.30	\$0.65	\$1.71	\$2.52	\$9.20	
5 Spray	1 ac	\$0.98	\$0.50	\$0.58	\$0.19	\$0.05	\$0.22	\$2.52	
6 Row Crop Cultivate	1 ac	\$2.03	\$1.88	\$1.31	\$0.35	\$0.69	\$0.34	\$6.60	
7 Row Crop Cultivate	0.25 ac	\$0.51	\$0.48	\$0.33	\$0.09	\$0.17	\$0.09	\$1.67	
8 Spray	0.25 ac	\$0.24	\$0.12	\$0.15	\$0.05	\$0.01	\$0.06	\$0.63	
9 Spray	Custom								
10 Combine Dryland	1 ac	\$2.44	\$7.74	\$3.05	\$1.04	\$12.48	\$2.17	\$28.92	
11 Cart	85 bu	\$0.49	\$0.94	\$0.07	\$0.33	\$0.44	\$0.57	\$2.84	
12 Truck	Custom								
13 Dry	Custom								
14 Chop Stalks	1 ac	\$1.07	\$1.86	\$0.15	\$0.30	\$0.80	\$0.74	\$4.92	ĺ
Total for Field Operation	IS	\$13.45	\$23.10	\$6.46	\$5.00	\$19.41	\$8.94	\$76.36	
Wage \$12.00/hr	Elec \$0.072								
Diesel \$4.00/gal								Total	
Materials & Services		Oper #	Acres X	Quantity	y/Acre x	Price\$/Unit =		\$/Acre	
82-0-0	Fertilizer	2	100%	110	lb N	0.67/lb N		\$73.70	
Corn	Seed	4	100%	0.175	5 bag	g 175.00/bag		\$30.63	
Regent 4 SC	Insecticide*	4	100%	4.16	6 oz	5.6	0/oz	\$23.30	
10-34-0	Fertilizer	4	100%	6 (	gal	6.84	4/gal	\$41.04	
Bicep II Magnum	Herbicide	5	100%	2.1	qt	11.50/qt		\$24.15	
Spray	Custom	8	25%	1	ac	5.5	0/ac	\$1.38	
Spirit	Herbicide	8	25%	1	oz	14.0	)0/oz	\$3.50	
Crop Oil Concentrate	Herbicide	8	25%	2	pt	1.1	3/pt	\$0.57	
Spray	Custom	9	50%		ac	5.5	0/ac	\$2.75	
Lorsban 15 G	Insecticide*	9	10%		lb	2.10/lb		\$1.05	
Capture 2 EC	Insecticide*	9	10%		OZ	2.26/oz		\$0.57	
Capture 2 EC	Insecticide*	9	10%			2.26/oz		\$1.16	
Mustang Max	Insecticide*	9	20%	5.12 oz 2 oz		2.03/oz		\$0.81	
Haul Grain bu	Custom	12	100%	85 bu		0.15/bu		\$12.75	
Dry 4 Points Removed	Custom	12	100%		bu	0.30/bu		\$25.50	
Total Materials & Service				seeds per			0,00	\$242.86	
*Insecticides for rootworm		d European					utworm, re		
Total listed costs for Fie								\$319.22	

For interest, overhead, management, crop insurance, machinery insurance, and land costs see the "Worksheet to Calculate Costs Other than Operating and Use-Related Depreciation." For help in converting energy costs for your farm situation, see "Converting Energy Numbers in Budgets," and "Diesel Fuel Conversion for Center Pivots."



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.





#### Corn, Rainfed No-Till, RR & Bt, RW & ECB, Continuous, 110 bu/ac yield goal 100 bu/ac Corn

Field Operations	Times or Qty	Labor	+Fuel & Lube	Rep	airs	Depre	ciation	= Total	Your Estimate
				+Pwr	+lmp	+Pwr	+lmp		
1 Spray Liquid Fertilizer	1 ac	\$0.98	\$0.50	\$0.58	\$0.20	\$0.04	\$0.22	\$2.52	
2 Plant No-Till	1 ac	\$2.45	\$2.51	\$0.34	\$1.28	\$1.89	\$1.89	\$10.36	
3 Spray	1 ac	\$0.98	\$0.50	\$0.58	\$0.20	\$0.04	\$0.22	\$2.52	
4 Spray	Custom								
5 Combine Dryland	1 ac	\$2.44	\$7.64	\$3.05	\$1.05	\$12.47	\$2.17	\$28.82	
6 Cart	100 BU	\$0.53	\$1.10	\$0.09	\$0.39	\$0.51	\$0.68	\$3.30	
7 Truck	Custom								
8 Dry	Custom								
Total for Field Operatio	ns	\$7.38	\$12.25	\$4.64	\$3.12	\$14.95	\$5.18	\$47.52	
Wage \$12.00/hr	Elec \$0.072	2/kwh							
Diesel \$4.00/gal						1			
Materials & Services		Oper #	Acres X	Quantity/Acre x		Price\$/Unit =		Total \$/Acre	
28-0-0	Fertilizer	1	100%	120	lb N	0.82/lb N		\$98.40	
Expert	Herbicide	1	100%	3 qt		10.50/qt		\$31.50	
Corn Triple Stack	Seed	2	80%	0.22 bag		250.00/bag		\$44.00	
Corn	Seed	2	20%	0.22 bag		175.00/bag		\$7.70	
Regent 4 SC	Insecticide*	2	20%	4.1	4.16 oz		5.60/oz		
10-34-0	Fertilizer	2	100%	6	gal	6.84/gal		\$41.04	
Glyphosate w/Surf	Herbicide	3	100%	32	oz	0.35/oz		\$11.20	
21-0-0-26s	Spray Grade	3	100%	1.7	7 lb	0.5	3/lb	\$0.90	
Spray	Custom	4	32%	1	ac	5.5	0/ac	\$1.76	
Lorsban 15 G	Insecticide*	4	5%	2	lb	2.10/lb		\$0.21	
Capture 2 EC	Insecticide*	4	10%	5.1	2 oz	2.26/oz		\$1.16	
Mustang Max	Insecticide*	4	20%	2 oz		2.03/oz		\$0.81	
Haul Grain bu	Custom	7	100%	100 bu		\$0.15/bu		\$15.00	
Dry 4 Points Removed	Custom	8	100%	100 bu		\$0.30/bu		\$30.00	
Total Materials & Servio	es	17,	100 seeds	per acre,	80,000 ba	g, 20% ref	uge	\$288.34	
*Insecticides for rootworm (r	efuge), 1st brood	European c	orn borer (10	% of refuge	), spider mi	tes, and we	stern bean o	cutworm, resp	ectively.
Total listed costs for Fig	eld Operations	and Mate	rials & Serv	vices				\$335.86	
<u> </u>									r
Cost per bushel for Fie	\$3.36								

For interest, overhead, management, crop insurance, machinery insurance, and land costs see the "Worksheet to Calculate Costs Other than Operating and Use-Related Depreciation." For help in converting energy costs for your farm situation, see "Converting Energy Numbers in Budgets," and "Diesel Fuel Conversion for Center Pivots."



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.





### Corn, Rainfed No-Till, Bt ECB After Soybean, 120 bu/ac yield goal 110 bu/ac Corn

<b>Qty</b> 1 ac 1 ac 1 ac	<b>Labor</b> \$0.98	Lube \$0.50	+Pwr	+lmp	+Pwr	+lmp	= Total	Estimate
1 ac	+	\$0.50					1	
		ψ0.00	\$0.58	\$0.20	\$0.04	\$0.22	\$2.52	
1 ac	\$2.45	\$2.51	\$0.34	\$1.28	\$1.89	\$1.89	\$10.36	
1 40	\$0.98	\$0.50	\$0.58	\$0.20	\$0.04	\$0.22	\$2.52	
0.25 ac	\$0.24	\$0.19	\$0.14	\$0.04	\$0.01	\$0.07	\$0.69	
Custom								
1 ac	\$2.44	\$7.64	\$3.05	\$1.05	\$12.47	\$2.17	\$28.82	
110 bu	\$0.56	\$1.17	\$0.09	\$0.41	\$0.55	\$0.70	\$3.48	
Custom								
Custom								
5	\$7.65	\$12.51	\$4.78	\$3.18	\$15.00	\$5.27	\$48.39	
Elec \$0.072	/kwh							
	Oper #	Acres X	Quantity	y/Acre x	Price\$/Unit =		Total \$/Acre	
Fertilizer	1	100%	80	80 lb N		0.82/lb N		
Seed	2	80%	0.23 bag		225.00/bag		\$41.40	
Seed	2	20%	0.23 bag		175.00/bag		\$8.05	
Fertilizer	2	100%	6 gal		6.84/gal		\$41.04	
Herbicide	3	100%	3	qt	10.50/qt		\$31.50	
Spray Grade	3	100%	1.7	7 lb	0.53/lb		\$0.90	
Herbicide	4	25%	1	oz	14.00/oz		\$3.50	
Herbicide	4	25%	2	pt	1.1	3pt	\$0.57	
Custom	5	34%	1	ac	5.5	0/ac	\$1.87	
Insecticide*	5	2%	2	lb	2.1	0/lb	\$0.08	
Insecticide*	5	2%	2.5	oz	2.26/oz		\$0.11	
Insecticide*	5	10%	5.12	2 oz	2.26oz		\$1.16	
Insecticide*	5	20%	2	oz	2.03oz		\$0.81	
Custom	8	100%	110 bu		0.15/bu		\$16.50	
Dry 4 Points Removed    Custom    9    50%    110 bu    0.30/bu								
S				-			\$229.59	
	,			tes and wes	stern bean c	utworm, res	i	
d Operations	and Mater	ials & Serv	vices				\$277.98	
	110 bu Custom Custom Elec \$0.072 Fertilizer Seed Seed Fertilizer Herbicide Spray Grade Herbicide Herbicide Custom Insecticide* Insecticide* Insecticide* Insecticide Custom Custom Custom Custom	110 bu\$0.56Custom\$7.65Custom\$7.65Elec\$0.072/kwhElec\$0.072/kwhFertilizer1Seed2Seed2Seed2Fertilizer2Herbicide3Spray Grade3Herbicide4Herbicide4Custom5Insecticide*5Insecticide*5Custom8Custom9S17,3od European corn borers (1)	110 bu  \$0.56  \$1.17    Custom	110 bu    \$0.56    \$1.17    \$0.09      Custom	110 bu    \$0.56    \$1.17    \$0.09    \$0.41      Custom	110 bu    \$0.56    \$1.17    \$0.09    \$0.41    \$0.55      Custom	110 bu    \$0.56    \$1.17    \$0.09    \$0.41    \$0.55    \$0.70      Custom	110 bu  \$0.56  \$1.17  \$0.09  \$0.41  \$0.55  \$0.70  \$3.48    Custom

For interest, overhead, management, crop insurance, machinery insurance, and land costs see the "Worksheet to Calculate Costs Other than Operating and Use-Related Depreciation." For help in converting energy costs for your farm situation, see "Converting Energy Numbers in Budgets," and "Diesel Fuel Conversion for Center Pivots."



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.

© 2009, The Board of Regents of the University of Nebraska on behalf of the University of Nebraska-Lincoln Extension. All rights reserved.





# Corn, Rainfed Year 2009 Ecofallow ff Wheat, Two Crops in Three Years, RR & Bt ECB, 90 bu/ac yield goal 80 bu/ac Corn

Field Operations	Times or	Labor	+Fuel &	Repairs		Depreciation		= Total	Your
	Qty		Lube \$0.50	+Pwr	+Imp	+Pwr	+Imp		Estimate
1 Spray	1 ac	\$0.98	· ·	\$0.58	\$0.20	\$0.04	\$0.22	\$2.52	
2 Spray	1 ac	\$0.98	\$0.50	\$0.58	\$0.20	\$0.04	\$0.22	\$2.52	
3 Spray	1 ac	\$0.98	\$0.50	\$0.58	\$0.20	\$0.04	\$0.22	\$2.52	
4 Plant No-Till	1 ac	\$2.45	\$2.51	\$0.34	\$1.28	\$1.89	\$1.89	\$10.36	
5 Spray	1 ac	\$0.98	\$0.50	\$0.58	\$0.20	\$0.04	\$0.22	\$2.52	
6 Spray	Custom								
7 Combine Dryland	1 ac	\$1.96	\$6.11	\$2.44	\$0.84	\$9.98	\$1.74	\$23.07	
8 Cart	80 bu	\$0.45	\$0.93	\$0.08	\$0.33	\$0.44	\$0.57	\$2.80	
9 Truck	Custom								
10 Dry	Custom								
Total for Field Operation	S	\$8.78	\$11.55	\$5.18	\$3.25	\$12.47	\$5.08	\$46.31	
Wage \$12.00/hr	Elec \$0.072	/kwh							
Diesel \$4.00/gal								Total	
Materials & Services		Oper #	Acres X	Quantity/Acre x		Price\$/Unit =		\$/Acre	
Glyphosate w/Surf	Herbicide	1	100%	32	oz	0.35/oz		\$11.20	
AAtrex 4L	Herbicide	2	100%	1.5 qt		4.75/qt		\$7.13	
Glyphosate w/Surf	Herbicide	2	100%	32 oz		0.35/oz		\$11.20	1
28-0-0	Fertilizer	3	100%	100 lb N		0.82/lb N		\$82.00	
AAtrex 4L	Herbicide	3	100%	0.5 qt		4.75/qt		\$2.38	
Balance Pro	Herbicide	3	100%	1.5	ō oz	10.00/oz		\$15.00	
10-34-0	Fertilizer	4	100%	6	6 gal		6.84/gal		
Corn Bt ECB	Seed	4	80%	0.17	5/bag	225.00/bag		\$41.04 \$31.50	
Corn	Seed	4	20%	0.17	5 bag	175.00/bag		\$6.13	
Glyphosate w/Surf	Herbicide	5	100%	32	OZ	0.3	5/oz	\$11.20	
21-0-0-26S	Spray Grade	5	10%	1.7	7 lb	0.5	3/lb	\$0.09	
Spray	Custom	6	34%	1	ac	5.50/ac		\$1.87	
Lorsban 15 G	Insecticide*	6	2%		lb	2.10/lb		\$0.08	
Capture 2 EC	Insecticide*	6	2%		5 oz	2.26/oz		\$0.00	
Capture 2 EC	Insecticide*	6	10%	5.12 oz		2.26/oz		\$1.16	
Mustang Max	Insecticide*	6	20%	2 oz		2.03/oz		\$0.81	
Haul Grain bu	Custom	9	100%	80 bu		0.15/bu		\$12.00	
Dry 4 Points Removed	Custom	10	100%		bu		0/bu	· ·	
Total Materials & Service			,000 seeds					\$24.00 \$258.90	
					mites, and				<u> </u>

#### Cost per bushel for Field Operations and Materials & Service

\$3.82

For interest, overhead, management, crop insurance, machinery insurance, and land costs see the "Worksheet to Calculate Costs Other than Operating and Use-Related Depreciation." For help in converting energy costs for your farm situation, see "Converting Energy Numbers in Budgets," and "Diesel Fuel Conversion for Center Pivots."



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.





## Corn, Gravity Irrigated, 1,000 GPM 10 PSI, 18 acre-inches Ridge-Till, RR & Bt, RW & ECB, Continuous, 210 bu/ac yield goal 195 bu/ac Corn

Depreciation Repairs Times or +Fuel & Your **Field Operations** Labor = Total Qty Lube Estimate +Pwr +Imp +Pwr +Imp 0.2 ac \$0.12 \$0.01 1 Spray \$0.19 \$0.10 \$0.04 \$0.05 \$0.51 2 Apply Anhydrous 1 ac \$1.68 \$3.24 \$0.24 \$073 \$1.49 \$0.71 \$8.09 \$1.89 3 Ridge Plant 1 ac \$2.46 \$2.54 \$0.34 \$1.27 \$1.89 \$10.39 4 Hoe 0.1 ac \$0.09 \$0.10 \$0.01 \$0.01 \$0.07 \$0.04 \$0.32 **5 Ridge Cultivation** \$2.03 \$3.28 \$0.32 \$0.80 \$1.76 \$0.76 1 ac \$8.95 6 Ridge Cultivation 1 ac \$2.03 \$3.28 \$0.32 \$0.80 \$1.76 \$0.76 \$8.95 7 Spray Custom 8 Pipe D125' Lift 18 AI \$105.30 \$5.87 \$1.96 \$11.42 \$5.08 \$21.78 \$151.41 9 Combine Irrigated \$3.19 \$10.14 \$3.99 \$1.04 \$16.34 \$2.17 1 ac \$36.87 10 Cart \$0.74 \$1.27 195 bu \$1.00 \$2.12 \$0.16 \$0.97 \$6.26 11 Truck Custom 12 Dry Custom 13 Chop Stalks \$1.07 \$1.86 \$0.15 \$0.30 \$0.80 \$0.74 1 ac \$4.92 **Total for Field Operations** \$35.52 \$131.96 \$11.52 \$7.69 \$36.51 \$13.47 \$236.67 \$0.072/kwh Wage \$12.00/hr Elec Diesel \$4.00/gal Total Price\$/Unit = **Materials & Services** Oper # Acres X Quantity/Acre x \$/Acre 2,4-D Ester 4# Herbicide 1 20% 1.5 pt 2.25/pt \$0.68 82-0-0 Fertilizer 2 100% 230 lb N 0.67/lb N \$154.10 10-34-0 3 Fertilizer 100% 6 gal 6.84/gal \$41.04 **Bicep II Magnum** Herbicide 3 40% 11.50/qt 2.1 qt \$9.66 Corn RR ECB&RW Seed 3 80% 0.4 bag 250.00/bag \$80.00 Corn Seed 3 20% 0.4 bag 175.00/bag \$14.00 Insecticide\* Regent 4 SC 3 20% 4.16 oz 5.60/oz \$4.66 7 Spray Custom 32% 1 ac 5.50/ac \$1.76 7 2.10/lb Lorsban 15 G Insecticide\* 2% 5 lb \$0.21 Capture 2 EC Insecticide\* 7 10% 5.12 oz 2.26/oz \$1.16 Insecticide\* 7 Mustang Max 20% 2 oz 2.03/oz \$0.81 Haul Grain Custom 11 100% 195 bu 0.15/bu \$29.25 Dry 4 Points Removed Custom 12 100% 195 bu 0.30/bu \$58.50 32,000 seeds per acre, 80,000 bag, 20% refuge \$395.83 **Total Materials & Services** \*Insecticides for rootworm (refuge), 1st brood European corn borer (10% of refuge), spider mites, and western bean cutworm, respectively. Total listed costs for Field Operations and Materials & Services \$632.50

#### Cost per bushel for Field Operations and Materials & Service

\$3.24

For interest, overhead, management, crop insurance, machinery insurance, and land costs see the "Worksheet to Calculate Costs Other than Operating and Use-Related Depreciation." For help in converting energy costs for your farm situation, see "Converting Energy Numbers in Budgets," and "Diesel Fuel Conversion for Center Pivots."



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.





## Corn, Pivot Irrigated, 800 GPM 35 PSI No-Till, Bt ECB & RW, Continuous, 210 bu/ac yield goal 195 bu/ac Corn

Field Operations	Times or	Labor	+Fuel &	Repairs		Depreciation		- Total	Your
Field Operations	Qty	Labor	Lube	+Pwr	+lmp	+Pwr	+lmp	= Total	Estimate
1 Spray	0.2 ac	\$0.20	\$0.10	\$0.12	\$0.03	\$0.01	\$0.04	\$0.50	
2 Apply Anhydrous	1 ac	\$1.68	\$3.20	\$0.24	\$0.73	\$1.49	\$0.72	\$8.06	
3 Spray	1 ac	\$0.59	\$0.46	\$0.35	\$0.31	\$0.03	\$0.25	\$1.99	
4 Plant	1 ac	\$2.20	\$1.80	\$0.31	\$0.65	\$1.71	\$2.52	\$9.19	
5 Spray	0.25 ac	\$0.14	\$0.12	\$0.09	\$0.08	\$0.01	\$0.07	\$0.51	
6 Spray	Custom								
7 PivotD 125' Lift	9 AI	\$3.63	\$73.77	\$3.66	\$3.42	\$7.45	\$14.83	\$106.76	
8 Combine Irrigated	1 ac	\$3.19	\$10.00	\$3.99	\$1.05	\$16.34	\$2.17	\$36.74	
9 Cart	195 bu	\$1.00	\$2.09	\$0.15	\$0.74	\$0.97	\$1.28	\$6.23	
10 Truck	Custom								
11 Dry	Custom								
Total for Field Operatio	ns	\$12.63	\$91.54	\$8.91	\$7.01	\$28.01	\$21.88	\$169.98	
Wage \$12.00/hr		2/kwh				ĺ			
Diesel \$4.00/gal									
Materials & Services		Oper #	Acres X	Quantity	y/Acre x	Price\$/Unit =		Total \$/Acre	
2,4-D Ester 4#	Herbicide	1	20%	1.5 pt		2.25/pt		\$0.68	
82-0-0	Fertilizer	2	100%	230	lb N	0.67/lb N		\$154.10	
Bicep II Magnum	Herbicide	3	100%	2.1 qt		11.50/qt		\$24.15	
Corn Bt ECB&RW	Seed	4	80%	0.4	bag 22		225.00/bag		
Corn	Seed	4	20%	0.4	bag	175.00/bag		\$14.00	
Regent 4 SC	Insecticide*	4	20%	4.16	6 oz	5.60/oz		\$4.66	
10-34-0	Fertilizer	4	100%	6 (	gal	6.84/gal		\$41.04	
Spirit	Herbicide	5	25%	1	oz	14.0	)0/oz	\$3.50	
Crop Oil Concentrate	Herbicide	5	25%	2	pt	1.13/pt		\$0.57	
Spray	Custom	6	32%	1	ac	5.50/ac		\$1.76	
Lorsban 15 G	Insecticide*	6	2%	5	lb	2.10/lb		\$0.21	
Capture 2 EC	Insecticide*	6	10%	5.12	2 oz	2.26/oz		\$1.16	
Mustang Max	Insecticide*	6	20%	2 oz		2.03/oz		\$0.81	
Haul Grain bu	Custom	10	100%	195 bu		0.15/bu		\$29.25	
Dry 4 Points Removed	Custom	11	100%	195	5 bu	0.3	0/bu	\$58.50	
Total Materials & Servio	ces	32,	000 seeds <sub>l</sub>	per acre, 8	30,000 ba	g, 20% ref	uge	\$406.39	
*Insecticides for rootworm (r	refuge), 1st Brood	European o	corn borer (10	% of refuge	e), spider m	ites, and we	estern bean		pectively.
The second stress of the secon	- 1-1 0	and Mata	rials & Son	licos				\$576.37	
Total listed costs for Fi	eld Operations	and mate		1662				\$570.57	

For interest, overhead, management, crop insurance, machinery insurance, and land costs see the "Worksheet to Calculate Costs Other than Operating and Use-Related Depreciation." For help in converting energy costs for your farm situation, see "Converting Energy Numbers in Budgets," and "Diesel Fuel Conversion for Center Pivots."



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.

© 2009, The Board of Regents of the University of Nebraska on behalf of the University of Nebraska-Lincoln Extension. All rights reserved.





### Corn, Pivot Irrigated, 800 GPM 35PSI, 13 acre-inches Bt ECB & RW, Continuous, 200 bu/ac yield goal 185 bu/ac Corn

Repairs Depreciation Times or +Fuel & Your **Field operations** Labor = Total Qtv Lube +Pwr +Imp +Pwr +Imp Estimate 1 Disc \$1.21 \$3.04 \$0.19 \$1.00 \$1.07 \$1.03 1 ac \$7.54 2 Apply Anhydrous 1 ac \$1.68 \$3.24 \$0.24 \$0.73 \$1.49 \$0.71 \$8.09 3 Field Cultivation \$0.10 \$0.62 \$1.54 \$0.57 \$0.53 \$0.58 1 ac \$3.94 \$0.50 \$0.58 \$0.19 \$0.05 4 Sprav 1 ac \$0.98 \$0.22 \$2.52 5 Plant \$2.20 \$1.82 \$0.30 \$0.65 \$1.71 \$2.52 1 ac \$9.20 6 Row Crop Cultivation 1 ac \$2.03 \$1.88 \$1.31 \$0.35 \$0.69 \$0.34 \$6.60 7 Row Crop Cultivation 0.25 ac \$0.51 \$0.48 \$0.33 \$0.09 \$0.17 \$0.09 \$1.67 8 Spray 0.25 ac \$0.24 \$0.12 \$0.15 \$0.05 \$0.01 \$0.06 \$0.63 Custom 9 Spray 10 PivotD 125'Lift 13 AI \$5.24 \$108.06 \$5.30 \$4.94 \$10.75 \$21.43 \$155.72 11 Combine Irrig 1 ac \$3.19 \$10.14 \$3.99 \$1.04 \$16.34 \$2.17 \$36.87 12 Cart \$2.06 \$0.15 \$0.73 \$0.94 175 bu \$0.98 \$1.23 \$6.09 13 Truck Custom 14 Dry Custom 15 Chop Stalks \$1.86 \$0.15 \$0.30 \$0.80 \$0.74 1 ac \$1.07 \$4.92 \$19.95 \$10.64 **Total for Field Operations** \$134.74 \$12.79 \$34.55 \$31.12 \$243.79 \$12.00/hr \$0.072/kwh Wage Elec Diesel \$4.00/gal Total Price\$/Unit = Materials & Services Oper # Acres X Quantity/Acre x \$/Acre 82-0-0 210 lb N 0.67/lb N Fertilizer 2 100% \$140.70 Bicep II Magnum Herbicide 4 100% 2.1 qt 11.50/qt \$24.15 10-34-0 Fertilizer 5 100% 6 gal 6.84/gal \$41.04 Corn Bt ECB&RW Seed 5 80% 0.39/bag 225.00/bag \$70.20 Corn 5 Seed 20% 0.39 bag 175.00/bag \$13.65 Regent 4 SC Insecticide\* 5 20% 4.16 oz 5.60/oz \$4.66 Exceed Herbicide 8 25% 12.00/oz 1 07 \$3.00 Crop Oil Concentrate Herbicide 8 25% 2 pt 1.13/pt \$0.57 9 32% 5.50/ac Spray Custom 1 ac \$1.76 Lorsban 15 G Insecticide\* 9 2% 5 lb 2.10/lb \$0.21 Capture 2 EC Insecticide<sup>3</sup> 9 10% 5.12 oz 2.26/oz \$1.16 Mustang Max Insecticide' 9 20% 2 oz 2.03/oz \$0.81 Haul Grain bu 13 100% 185 bu 0.15/bu Custom \$27.75 Dry 4 Points Removed 14 100% 185 by 0.30/bu Custom \$55.50 Total Materials & Services 31,000 seeds per acre, 80,000 bag, 20% refuge \$385.16 \*Insecticides for rootworm (refuge), 1st brood European corn borer (10% of refuge), spider mites, and western bean cutworm, respectively. Total listed costs for Field Operations and Materials & Services \$628.95 Cost per bushel for Field Operations and Materials & Service \$3.40

For interest, overhead, management, crop insurance, machinery insurance, and land costs see the "Worksheet to Calculate Costs Other than Operating and Use-Related Depreciation." For help in converting energy costs for your farm situation, see "Converting Energy Numbers in Budgets," and "Diesel Fuel Conversion for Center Pivots."



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.

© 2009, The Board of Regents of the University of Nebraska on behalf of the University of Nebraska-Lincoln Extension. All rights reserved.





## Corn, Pivot Irrigated, 800 GPM 35 PSI, 9 acre-inches No-Till, Bt ECB, after beans, 220 bu/ac yield goal 205 bu/ac Corn

Repairs Depreciation +Fuel & Times or Your **Field Operations** Labor = Total Lube Estimate Qty +Pwr +Imp +Pwr +Imp \$0.24 1 Apply Anhydrous 1 ac \$1.68 \$3.20 \$0.73 \$1.49 \$0.72 \$8.06 2 Spray 1 ac \$0.98 \$0.50 \$0.58 \$0.20 \$0.04 \$0.22 \$2.52 3 Plant No-Till 1 ac \$2.45 \$2.51 \$0.34 \$1.28 \$1.89 \$1.89 \$10.36 4 Hoe 0.1 ac \$0.09 \$0.11 \$0.01 \$0.01 \$0.08 \$0.03 \$0.33 \$0.02 5 Spray 0.5 ac \$0.50 \$0.26 \$0.29 \$0.10 \$0.11 \$1.28 6 Spray Custom 7 PivotD 125' Lift 9 AI \$3.63 \$73.77 \$3.63 \$3.42 \$7.45 \$14.84 \$106.74 8 Combine Irrigated 1 ac \$3.19 \$10.01 \$3.99 \$1.05 \$16.34 \$2.17 \$36.75 9 Cart 205 bu \$1.06 \$2.21 \$0.15 \$0.79 \$1.03 \$1.34 \$6.58 10 Truck Custom 11 Dry Custom **Total for Field Operations** \$13.58 \$92.57 \$9.23 \$7.58 \$28.34 \$21.32 \$172.62 \$0.072/kwh Wage \$12.00/hr Elec Diesel \$4.00/gal Total Materials & Services Oper # Acres X Quantity/Acre x Price\$/Unit = \$/Acre 100% 180 lb N 0.67/lb N 82-0-0 Fertilizer 1 \$120.60 **Bicep II Magnum** Herbicide 2 100% 2.1 qt 11.50/qt \$24.15 Gramoxone Inteon Herbicide 2 100% 1.5 pt 4.75/pt \$7.13 2 NIS 100% 0.20/oz Herbicide 6 oz \$1.20 3 10-34-0 Fertilizer 100% 6.84/gal 6 gal \$41.04 Corn Bt ECB 3 80% 225.00/bag Seed 0.42 bag \$75.60 3 Corn Seed 20% 0.42 bag 175.00/bag \$14.70 Spirit Herbicide 5 50% 1 oz 14.00/oz \$7.00 Crop Oil Concentrate Herbicide 5 50% 2 pt 1.13/pt \$1.13 Custom 6 34% 1 ac 5.50/ac Spray \$1.87 Lorsban 15 G Insecticide\* 6 5 lb 2.10/lb 2% \$0.21 Capture 2 EC Insecticide\* 6 2% 2.5 oz 2.26/oz \$0.11 Capture 2 EC Insecticide\* 6 2.26/oz 10% 5.12 oz \$1.16 Mustang Max Insecticide\* 6 20% 2 oz 2.03/oz \$0.81 10 Haul Grain bu Custom 100% 205 bu 0.15/bu \$30.75 Dry 4 Points Removed Custom 11 50% 205 bu 0.30/bu \$30.75 **Total Materials & Services** 33,500 seeds per acre, 80,000 bag, 20% refuge \$358.21 \*Insecticide for 1st & 2nd brood European corn borer (10% of refuge), spider mites, and western bean cutworm, respectively. **Total listed costs for Field Operations and Materials & Services** \$530.83 Cost per bushel for Field Operations and Materials & Service \$2.59

For interest, overhead, management, crop insurance, machinery insurance, and land costs see the "Worksheet to Calculate Costs Other than Operating and Use-Related Depreciation." For help in converting energy costs for your farm situation, see "Converting Energy Numbers in Budgets," and "Diesel Fuel Conversion for Center Pivots."



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.





## Corn Silage, Pivot Irrigated, 800 GPM 35PSI, 12 acre-inches Notill following corn, 205 bu/ac yield goal 25 ton/ac Corn Silage

Repairs Depreciation Times or +Fuel & Your **Field Operations** Labor = Total Qty Lube +Pwr Estimate +Imp +Pwr +Imp 1 ac \$0.35 \$0.30 \$0.59 \$0.46 \$0.04 \$0.25 \$1.99 1 Spray 2 Spread manure Custom **3 Apply Anhydrous** \$1.68 \$3.24 \$0.24 \$0.73 \$1.49 \$0.71 1 ac \$8.09 4 Plant No-Till 1 ac \$2.46 \$2.54 \$0.34 \$1.27 \$1.89 \$1.89 \$10.39 5 Hoe 0.1 ac \$0.09 \$0.10 \$0.01 \$0.01 \$0.07 \$0.04 \$0.32 6 PivotD 125' Lift 12 AI \$4.84 \$99.74 \$4.89 \$4.56 \$9.92 \$19.78 \$143.73 Custom 7 Spray 8 Chop Silage Custom **Total for Field Operations** \$9.66 \$106.08 \$5.83 \$6.87 \$13.41 \$22.67 \$164.52 Wage \$12.00/hr Elec \$0.072/kwh Diesel \$4.00/gal Reduced rate of herbicide w/o warranty, use full rate if needed Total **Materials & Services** Oper # Acres X Quantity/Acre x Price\$/Unit = \$/Acre 100% 2.4-D Ester 4# Herbicide 1 1 pt 2.38/pt \$2.38 2 **Uncomposted Manure** Fertilizer 100% 20 ton 6.00/ton \$120.00 Haul & Apply Manure Custom 2 100% 20 ton 2.00/ton \$40.00 82-0-0 Fertilizer 3 100% 240 lb N 0.67/lb N \$160.80 10-34-0 Fertilizer 4 100% 6 gal 6.84/gal \$41.04 Herbicide 4 100% **Bicep II Magnum** 1.4 qt 15.75/qt \$22.05 Corn Seed 4 100% 0.42 bag 175.00/bag \$73.50 4 Regent 4 SC Insecticide\* 100% 4.16 oz 5.60/oz \$23.30 Custom Aerial Spray 7 25% 1 ac 7.00/ac \$1.75 Capture 2 EC Insecticide\* 7 10% 2.5 oz 2.26/oz \$0.57 Insecticide\* 7 Capture 2 EC 10% 2.5 oz 2.26/oz \$0.57 7 2 oz Mustang Max Insecticide\* 5% 2.03/oz \$0.20 8 Chop, Haul, Pack Custom 100% 25 ton 6.50/ton \$162.50 **Total Materials & Services** 33,500 seeds per acre, 80,000 bag \$648.66 \*Insecticide for rootworm, 1st & 2nd brood European corn borer and western bean cutworm, respectively. Total listed costs for Field Operations and Materials & Services \$813.18 Cost per ton for Field Operations and Materials & Service \$32.53

For interest, overhead, management, crop insurance, machinery insurance, and land costs see the "Worksheet to Calculate Costs Other than Operating and Use-Related Depreciation." For help in converting energy costs for your farm situation, see "Converting Energy Numbers in Budgets," and "Diesel Fuel Conversion for Center Pivots."



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.

© 2009, The Board of Regents of the University of Nebraska on behalf of the University of Nebraska-Lincoln Extension. All rights reserved.