



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

Year 2009

Field Operations	Times or Qty	Labor	+Fuel & Lube	Repairs		Depreciation		= Total	Your Estimate
				+Pwr	+Imp	+Pwr	+Imp		
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	
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	
Total for Field Operations		\$13.45	\$23.10	\$6.46	\$5.00	\$19.41	\$8.94	\$76.36	
Wage \$12.00/hr	Elec \$0.072/kwh								
Diesel \$4.00/gal									
Materials & Services		Oper #	Acres X	Quantity/Acre x	Price\$/Unit =	Total \$/Acre			
82-0-0	Fertilizer	2	100%	110 lb N	0.67/lb N	\$73.70			
Corn	Seed	4	100%	0.175 bag	175.00/bag	\$30.63			
Regent 4 SC	Insecticide*	4	100%	4.16 oz	5.60/oz	\$23.30			
10-34-0	Fertilizer	4	100%	6 gal	6.84/gal	\$41.04			
Bicep II Magnum	Herbicide	5	100%	2.1 qt	11.50/qt	\$24.15			
Spray	Custom	8	25%	1 ac	5.50/ac	\$1.38			
Spirit	Herbicide	8	25%	1 oz	14.00/oz	\$3.50			
Crop Oil Concentrate	Herbicide	8	25%	2 pt	1.13/pt	\$0.57			
Spray	Custom	9	50%	1 ac	5.50/ac	\$2.75			
Lorsban 15 G	Insecticide*	9	10%	5 lb	2.10/lb	\$1.05			
Capture 2 EC	Insecticide*	9	10%	2.5 oz	2.26/oz	\$0.57			
Capture 2 EC	Insecticide*	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	Custom	12	100%	85 bu	0.15/bu	\$12.75			
Dry 4 Points Removed	Custom	13	100%	85 bu	0.30/bu	\$25.50			
Total Materials & Services			14,000 seeds per acre, 80,000 bag			\$242.86			
*Insecticides for rootworm, 1st & 2nd brood European corn borer, spider mites and western bean cutworm, respectively.									
Total listed costs for Field Operations and Materials & Services								\$319.22	
Cost per bushel for Field Operations and Materials & Service								\$3.76	

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."



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

Year 2009

Field Operations	Times or Qty	Labor	+Fuel & Lube	Repairs		Depreciation		= Total	Your Estimate
				+Pwr	+Imp	+Pwr	+Imp		
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 Operations		\$7.38	\$12.25	\$4.64	\$3.12	\$14.95	\$5.18	\$47.52	
Wage \$12.00/hr	Elec \$0.072/kwh								
Diesel \$4.00/gal									
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%	4.16 oz	5.60/oz			\$4.66	
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 lb	0.53/lb			\$0.90	
Spray	Custom	4	32%	1 ac	5.50/ac			\$1.76	
Lorsban 15 G	Insecticide*	4	5%	2 lb	2.10/lb			\$0.21	
Capture 2 EC	Insecticide*	4	10%	5.12 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 & Services		17,100 seeds per acre, 80,000 bag, 20% refuge						\$288.34	
*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								\$335.86	
Cost per bushel for Field Operations and Materials & Service								\$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."

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

Year 2009

Field Operations	Times or Qty	Labor	+Fuel & Lube	Repairs		Depreciation		= Total	Your Estimate
				+Pwr	+Imp	+Pwr	+Imp		
1 Spray	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	0.25 ac	\$0.24	\$0.19	\$0.14	\$0.04	\$0.01	\$0.07	\$0.69	
5 Spray	Custom								
6 Combine Dryland	1 ac	\$2.44	\$7.64	\$3.05	\$1.05	\$12.47	\$2.17	\$28.82	
7 Cart	110 bu	\$0.56	\$1.17	\$0.09	\$0.41	\$0.55	\$0.70	\$3.48	
8 Truck	Custom								
9 Dry	Custom								
Total for Field Operations		\$7.65	\$12.51	\$4.78	\$3.18	\$15.00	\$5.27	\$48.39	
Wage \$12.00/hr	Elec \$0.072/kwh								
Diesel \$4.00/gal									
Materials & Services		Oper #	Acres X	Quantity/Acre x	Price\$/Unit =		Total \$/Acre		
28-0-0	Fertilizer	1	100%	80 lb N	0.82/lb N		\$65.60		
Corn Bt ECB	Seed	2	80%	0.23 bag	225.00/bag		\$41.40		
Corn	Seed	2	20%	0.23 bag	175.00/bag		\$8.05		
10-34-0	Fertilizer	2	100%	6 gal	6.84/gal		\$41.04		
Expert	Herbicide	3	100%	3 qt	10.50/qt		\$31.50		
21-0-0-26S	Spray Grade	3	100%	1.7 lb	0.53/lb		\$0.90		
Spirit	Herbicide	4	25%	1 oz	14.00/oz		\$3.50		
Crop Oil Concentrate	Herbicide	4	25%	2 pt	1.13pt		\$0.57		
Spray	Custom	5	34%	1 ac	5.50/ac		\$1.87		
Lorsban 15 G	Insecticide*	5	2%	2 lb	2.10/lb		\$0.08		
Capture 2 EC	Insecticide*	5	2%	2.5 oz	2.26/oz		\$0.11		
Capture 2 EC	Insecticide*	5	10%	5.12 oz	2.26oz		\$1.16		
Mustang Max	Insecticide*	5	20%	2 oz	2.03oz		\$0.81		
Haul Grain bu	Custom	8	100%	110 bu	0.15/bu		\$16.50		
Dry 4 Points Removed	Custom	9	50%	110 bu	0.30/bu		\$16.50		
Total Materials & Services		17,900 seeds per acre, 80,000 bag, 20% refuge						\$229.59	
*Insecticides for 1st & 2nd brood European corn borers (10% of refuge), spider mites and western bean cutworm, respectively.									
Total listed costs for Field Operations and Materials & Services								\$277.98	
Cost per bushel for Field Operations and Materials & Service								\$2.53	

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."

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

Field Operations	Times or Qty	Labor	+Fuel & Lube	Repairs		Depreciation		= Total	Your Estimate	
				+Pwr	+Imp	+Pwr	+Imp			
1 Spray	1 ac	\$0.98	\$0.50	\$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 Operations		\$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										
Materials & Services		Oper #	Acres X	Quantity/Acre x	Price\$/Unit =		Total \$/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			
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 oz	10.00/oz		\$15.00			
10-34-0	Fertilizer	4	100%	6 gal	6.84/gal		\$41.04			
Corn Bt ECB	Seed	4	80%	0.175/bag	225.00/bag		\$31.50			
Corn	Seed	4	20%	0.175 bag	175.00/bag		\$6.13			
Glyphosate w/Surf	Herbicide	5	100%	32 oz	0.35/oz		\$11.20			
21-0-0-26S	Spray Grade	5	10%	1.7 lb	0.53/lb		\$0.09			
Spray	Custom	6	34%	1 ac	5.50/ac		\$1.87			
Lorsban 15 G	Insecticide*	6	2%	2 lb	2.10/lb		\$0.08			
Capture 2 EC	Insecticide*	6	2%	2.5 oz	2.26/oz		\$0.11			
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%	80 bu	0.30/bu		\$24.00			
Total Materials & Services		14,000 seeds per acre, 80,000 bag, 20% refuge						\$258.90		
*Insecticides 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								\$305.21		
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."



**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**

Year 2009

Field Operations	Times or Qty	Labor	+Fuel & Lube	Repairs		Depreciation		= Total	Your Estimate	
				+Pwr	+Imp	+Pwr	+Imp			
1 Spray	0.2 ac	\$0.19	\$0.10	\$0.12	\$0.04	\$0.01	\$0.05	\$0.51		
2 Apply Anhydrous	1 ac	\$1.68	\$3.24	\$0.24	\$0.73	\$1.49	\$0.71	\$8.09		
3 Ridge Plant	1 ac	\$2.46	\$2.54	\$0.34	\$1.27	\$1.89	\$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	1 ac	\$2.03	\$3.28	\$0.32	\$0.80	\$1.76	\$0.76	\$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 Al	\$21.78	\$105.30	\$5.87	\$1.96	\$11.42	\$5.08	\$151.41		
9 Combine Irrigated	1 ac	\$3.19	\$10.14	\$3.99	\$1.04	\$16.34	\$2.17	\$36.87		
10 Cart	195 bu	\$1.00	\$2.12	\$0.16	\$0.74	\$0.97	\$1.27	\$6.26		
11 Truck	Custom									
12 Dry	Custom									
13 Chop Stalks	1 ac	\$1.07	\$1.86	\$0.15	\$0.30	\$0.80	\$0.74	\$4.92		
Total for Field Operations		\$35.52	\$131.96	\$11.52	\$7.69	\$36.51	\$13.47	\$236.67		
Wage \$12.00/hr	Elec \$0.072/kwh									
Diesel \$4.00/gal										
Materials & Services		Oper #	Acres X	Quantity/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			
10-34-0	Fertilizer	3	100%	6 gal	6.84/gal		\$41.04			
Bicep II Magnum	Herbicide	3	40%	2.1 qt	11.50/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			
Regent 4 SC	Insecticide*	3	20%	4.16 oz	5.60/oz		\$4.66			
Spray	Custom	7	32%	1 ac	5.50/ac		\$1.76			
Lorsban 15 G	Insecticide*	7	2%	5 lb	2.10/lb		\$0.21			
Capture 2 EC	Insecticide*	7	10%	5.12 oz	2.26/oz		\$1.16			
Mustang Max	Insecticide*	7	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			
Total Materials & Services		32,000 seeds per acre, 80,000 bag, 20% refuge						\$395.83		
*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		

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

Year 2009

Field Operations	Times or Qty	Labor	+Fuel & Lube	Repairs		Depreciation		= Total	Your Estimate	
				+Pwr	+Imp	+Pwr	+Imp			
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 Operations		\$12.63	\$91.54	\$8.91	\$7.01	\$28.01	\$21.88	\$169.98		
Wage \$12.00/hr	Elec \$0.072/kwh									
Diesel \$4.00/gal										
Materials & Services		Oper #	Acres X	Quantity/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	225.00/bag		\$72.00			
Corn	Seed	4	20%	0.4 bag	175.00/bag		\$14.00			
Regent 4 SC	Insecticide*	4	20%	4.16 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	14.00/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 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 bu	0.30/bu		\$58.50			
Total Materials & Services		32,000 seeds per acre, 80,000 bag, 20% refuge						\$406.39		
*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								\$576.37		
Cost per bushel for Field Operations and Materials & Service								\$2.96		

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

Year 2009

Field operations	Times or Qty	Labor	+Fuel & Lube	Repairs		Depreciation		= Total	Your Estimate
				+Pwr	+Imp	+Pwr	+Imp		
1 Disc	1 ac	\$1.21	\$3.04	\$0.19	\$1.00	\$1.07	\$1.03	\$7.54	
2 Apply Anhydrous	1 ac	\$1.68	\$3.24	\$0.24	\$0.73	\$1.49	\$0.71	\$8.09	
3 Field Cultivation	1 ac	\$0.62	\$1.54	\$0.10	\$0.57	\$0.53	\$0.58	\$3.94	
4 Spray	1 ac	\$0.98	\$0.50	\$0.58	\$0.19	\$0.05	\$0.22	\$2.52	
5 Plant	1 ac	\$2.20	\$1.82	\$0.30	\$0.65	\$1.71	\$2.52	\$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	
9 Spray	Custom								
10 PivotD 125'Lift	13 Al	\$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	175 bu	\$0.98	\$2.06	\$0.15	\$0.73	\$0.94	\$1.23	\$6.09	
13 Truck	Custom								
14 Dry	Custom								
15 Chop Stalks	1 ac	\$1.07	\$1.86	\$0.15	\$0.30	\$0.80	\$0.74	\$4.92	
Total for Field Operations		\$19.95	\$134.74	\$12.79	\$10.64	\$34.55	\$31.12	\$243.79	
Wage \$12.00/hr	Elec \$0.072/kwh								
Diesel \$4.00/gal									
Materials & Services		Oper #	Acres X	Quantity/Acre x	Price\$/Unit =			Total \$/Acre	
82-0-0	Fertilizer	2	100%	210 lb N	0.67/lb N			\$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	Seed	5	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%	1 oz	12.00/oz			\$3.00	
Crop Oil Concentrate	Herbicide	8	25%	2 pt	1.13/pt			\$0.57	
Spray	Custom	9	32%	1 ac	5.50/ac			\$1.76	
Lorsban 15 G	Insecticide*	9	2%	5 lb	2.10/lb			\$0.21	
Capture 2 EC	Insecticide*	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	Custom	13	100%	185 bu	0.15/bu			\$27.75	
Dry 4 Points Removed	Custom	14	100%	185 by	0.30/bu			\$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."



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**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**

Year 2009

Field Operations	Times or Qty	Labor	+Fuel & Lube	Repairs		Depreciation		= Total	Your Estimate
				+Pwr	+Imp	+Pwr	+Imp		
1 Apply Anhydrous	1 ac	\$1.68	\$3.20	\$0.24	\$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	
5 Spray	0.5 ac	\$0.50	\$0.26	\$0.29	\$0.10	\$0.02	\$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	
Wage \$12.00/hr	Elec \$0.072/kwh								
Diesel \$4.00/gal									
Materials & Services		Oper #	Acres X	Quantity/Acre x	Price\$/Unit =			Total \$/Acre	
82-0-0	Fertilizer	1	100%	180 lb N	0.67/lb N			\$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	
NIS	Herbicide	2	100%	6 oz	0.20/oz			\$1.20	
10-34-0	Fertilizer	3	100%	6 gal	6.84/gal			\$41.04	
Corn Bt ECB	Seed	3	80%	0.42 bag	225.00/bag			\$75.60	
Corn	Seed	3	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	
Spray	Custom	6	34%	1 ac	5.50/ac			\$1.87	
Lorsban 15 G	Insecticide*	6	2%	5 lb	2.10/lb			\$0.21	
Capture 2 EC	Insecticide*	6	2%	2.5 oz	2.26/oz			\$0.11	
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	10	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	

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

Year 2009

Field Operations	Times or Qty	Labor	+Fuel & Lube	Repairs		Depreciation		= Total	Your Estimate
				+Pwr	+Imp	+Pwr	+Imp		
1 Spray	1 ac	\$0.59	\$0.46	\$0.35	\$0.30	\$0.04	\$0.25	\$1.99	
2 Spread manure	Custom								
3 Apply Anhydrous	1 ac	\$1.68	\$3.24	\$0.24	\$0.73	\$1.49	\$0.71	\$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 Al	\$4.84	\$99.74	\$4.89	\$4.56	\$9.92	\$19.78	\$143.73	
7 Spray	Custom								
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								
Materials & Services		Oper #	Acres X	Quantity/Acre x	Price\$/Unit =		Total \$/Acre		
2,4-D Ester 4#	Herbicide	1	100%	1 pt	2.38/pt		\$2.38		
Uncomposted Manure	Fertilizer	2	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		
Bicep II Magnum	Herbicide	4	100%	1.4 qt	15.75/qt		\$22.05		
Corn	Seed	4	100%	0.42 bag	175.00/bag		\$73.50		
Regent 4 SC	Insecticide*	4	100%	4.16 oz	5.60/oz		\$23.30		
Aerial Spray	Custom	7	25%	1 ac	7.00/ac		\$1.75		
Capture 2 EC	Insecticide*	7	10%	2.5 oz	2.26/oz		\$0.57		
Capture 2 EC	Insecticide*	7	10%	2.5 oz	2.26/oz		\$0.57		
Mustang Max	Insecticide*	7	5%	2 oz	2.03/oz		\$0.20		
Chop, Haul, Pack	Custom	8	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	

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