

**Soybeans, Rainfed
Tilled Seedbed, Roundup Ready®
38 bu/ac Soybeans**

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 Field Cultivation	1 ac	\$0.62	\$1.54	\$0.10	\$0.57	\$0.53	\$0.58	\$3.94	
3 Spray	1 ac	\$0.59	\$0.46	\$0.35	\$0.30	\$0.04	\$0.25	\$1.99	
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 Spray	Custom								
7 Combine	1 ac	\$2.35	\$7.44	\$2.93	\$0.45	\$11.98	\$1.05	\$26.20	
8 Truck	Custom								
Total for Field Operations		\$7.95	\$14.80	\$4.45	\$3.16	\$15.38	\$5.65	\$51.39	
Wage \$12.00/hr	Elec \$0.072/kwh								
Diesel \$4.00/gal	No warranty on reduced rate herbicide budgeted here.								
Materials & Services		Oper #	Acres X	Quantity/Acre x	Price\$/Unit =			Total \$/Acre	
Authority	Herbicide	3	100%	5.3 oz	2.35/oz			\$12.46	
Prowl H ₂ O	Herbicide	3	100%	1.4 oz	0.30/oz			\$0.42	
RR Soybeans	Seed	4	100%	1.2 bag	43.00/bag			\$51.60	
Glyphosate w/ Surf	Herbicide	5	100%	32 oz	0.35/oz			\$11.20	
21-0-0-26s	Spray Grade	5	100%	2 lb	0.53/lb			\$1.06	
Aerial Spray	Custom	6	20%	1 ac	7.00/ac			\$1.40	
Warrior T	Insecticide	6	20%	3.2 oz	2.81/oz			\$1.80	
Haul Grain bu	Custom	8	100%	38 bu	0.15/bu			\$5.70	
Total for Materials & Services		NOTE: 150,000 seeding rate						\$85.64	
Total listed costs for Field Operations and Materials & Services								\$137.03	
Cost per bushel for Field Operations and Materials & Service								\$3.61	

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."



**Soybeans, Rainfed
No-Till, Roundup Ready® After Corn
42 bu/ac Soybeans**

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	Custom									
5 Combine	1 ac	\$2.34	\$7.34	\$2.93	\$0.45	\$11.98	\$1.06	\$26.10		
6 Truck	Custom									
Total for Field Operations		\$6.75	\$10.85	\$4.43	\$2.13	\$13.95	\$3.39	\$41.50		
Wage \$12.00/hr	Elec \$0.072/kwh									
Diesel \$4.00/gal										
Materials & Services		Oper #	Acres X	Quantity/Acre x	Price\$/Unit =		Total \$/Acre			
Pursuit Plus	Herbicide	1	100%	1.67 pt	8.25/pt		\$13.78			
RR Soybeans	Seed	2	100%	1 bag	43.00/bag		\$43.00			
Glyphosate w/Surf	Herbicide	3	100%	32 oz	0.35/oz		\$11.20			
21-0-0-26S	Spray Grade	3	100%	2 lb	0.53/lb		\$1.06			
Aerial Spray	Custom	4	20%	1 ac	7.00/ac		\$1.40			
Warrior T	Insecticide*	4	20%	3.2 oz	2.81/oz		\$1.80			
Haul Grain bu	Custom	6	100%	42 bu	0.15/bu		\$6.30			
Total Materials & Services		150,000 seeding rate						\$78.54		
*Insecticide for bean leaf beetle										
Total listed costs for Field Operations and Materials & Services								\$120.04		
Cost per bushel for Field Operations and Materials & Service								\$2.86		

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."



**Soybeans, Rainfed
No-Till, Roundup Ready® Continuous
38 bu/ac Soybeans**

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	Custom								
5 Combine	1 ac	\$2.34	\$7.34	\$2.93	\$0.45	\$11.98	\$1.06	\$26.10	
6 Truck	Custom								
Total for Field Operations		\$6.75	\$10.85	\$4.43	\$2.13	\$13.95	\$3.39	\$41.50	
Wage \$12.00/hr	Elec \$0.072/kwh								
Diesel \$4.00/gal									
Materials & Services		Oper #	Acres X	Quantity/Acre x	Price\$/Unit =	Total \$/Acre			
Pursuit Plus	Herbicide	1	100%	1.67 pt	8.25/pt	\$13.78			
RR Soybeans	Seed	2	100%	1 bag	43.00/bag	\$43.00			
Glyphosate w/Surf	Herbicide	3	100%	32 oz	0.35/oz	\$11.20			
21-0-0-26S	Spray Grade	3	100%	2 lb	0.53/lb	\$1.06			
Aerial Spray	Custom	4	20%	1 ac	7.00/ac	\$1.40			
Warrior T	Insecticide*	4	20%	3.2 oz	2.81/oz	\$1.80			
Haul Grain bu	Custom	6	100%	38 bu	0.15/bu	\$5.70			
Total for Materials & Services		150,000 seeding rate				\$77.94			
*Insecticide for bean leaf beetle									
Total listed costs for Field Operations and Materials & Services								\$119.44	
Cost per bushel for Field Operations and Materials & Service								\$3.14	

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."



**Soybeans, Pivot Irrigated, 800 GPM 35PSI, 9 acre-inches
Tilled Seedbed, Roundup Ready® After Corn
60 bu/ac Soybeans**

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 Field Cultivation	1 ac	\$0.62	\$1.54	\$0.10	\$0.57	\$0.53	\$0.58	\$3.94	
3 Spray	1 ac	\$0.59	\$0.46	\$0.35	\$0.30	\$0.04	\$0.25	\$1.99	
4 Plant	1 ac	\$2.20	\$1.82	\$0.30	\$0.65	\$1.71	\$2.52	\$9.20	
5 PivotD 125' Lift	9 Al	\$3.63	\$74.80	\$3.67	\$3.42	\$7.44	\$14.84	\$107.80	
6 Spray	1 ac	\$0.98	\$0.50	\$0.58	\$0.19	\$0.05	\$0.22	\$2.52	
7 Spray	Custom								
8 Combine	1 ac	\$2.35	\$7.44	\$2.93	\$0.45	\$11.98	\$1.05	\$26.20	
9 Truck	Custom								
Total for Field Operations		\$11.58	\$89.60	\$8.12	\$6.58	\$22.82	\$20.49	\$159.19	
Wage \$12.00/hr	Elec \$0.072/kwh								
Diesel \$4.00/gal	No warranty on reduced rate herbicide budgeted here.								
Materials & Services		Oper #	Acres X	Quantity/Acre x	Price\$/Unit =	Total \$/Acre			
Authority	Herbicide	3	100%	3.6 oz	2.35/oz	\$8.46			
Prowl H ₂ O	Herbicide	3	100%	1.4 oz	0.30/oz	\$0.42			
RR Soybeans	Seed	4	100%	1 bag	43.00/bag	\$43.00			
Glyphosate w/Surf	Herbicide	6	100%	32 oz	0.35/oz	\$11.20			
21-0-0-26s	Spray Grade	6	100%	2 lb	0.53/lb	\$1.06			
Aerial Spray	Custom	7	20%	1 ac	7.00/ac	\$1.40			
Warrior T	Insecticide	7	20%	3.2 oz	2.81/oz	\$1.80			
Haul Grain bu	Custom	9	100%	60 bu	0.15/bu	\$9.00			
Total for Materials & Services		NOTE: 150,000 seeding rate						\$76.34	
Total listed costs for Field Operations and Materials & Services								\$235.53	
Cost per bushel for Field Operations and Materials & Service								\$3.93	

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."





**Soybeans, Gravity Irrigated, 1,000 GPM 10PSI, 12 acre-inches
Ridge-Till, RR After RR Corn
60 bu/ac Soybeans**

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 Ridge Plant	1 ac	\$2.46	\$2.54	\$0.34	\$1.27	\$1.89	\$1.89	\$10.39		
3 Ridge Cultivation	1 ac	\$2.03	\$3.28	\$0.32	\$0.80	\$1.76	\$0.76	\$8.95		
4 Ridge Cultivation	1 ac	\$2.03	\$3.28	\$0.32	\$0.80	\$1.76	\$0.76	\$8.95		
5 Pipe D125' Lift	7 Al	\$8.47	\$40.96	\$2.28	\$0.76	\$4.44	\$1.97	\$58.88		
6 Spray	0.5 ac	\$0.30	\$0.24	\$0.18	\$0.16	\$0.01	\$0.13	\$1.02		
7 Spray	Custom									
8 Combine	1 ac	\$2.35	\$7.44	\$2.93	\$0.45	\$11.98	\$1.05	\$26.20		
9 Truck	Custom									
Total for Field Operations		\$18.23	\$58.20	\$6.72	\$4.54	\$21.88	\$6.81	\$116.38		
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	2.38/pt		\$0.71			
Select Max	Herbicide	2	40%	6 oz	1.09/oz		\$2.62			
Crop Oil Concentrate	Herbicide	2	40%	2 pt	1.13/pt		\$0.90			
RR Soybeans	Seed	2	100%	1 bag	43.00/bag		\$43.00			
Glyphosate w/Surf	Herbicide	6	50%	32 oz	0.35/oz		\$5.60			
21-0-0-26s	Spray Grade	6	50%	2 lb	0.53/lb		\$0.53			
Aerial Spray	Custom	7	20%	1 ac	7.00/ac		\$1.40			
Warrior T	Insecticide	7	20%	3.2 oz	2.81/oz		\$1.80			
Haul Grain bu	Custom	9	100%	60 bu	0.15/bu		\$9.00			
Total for Materials & Services		NOTE: 150,000 seeding rate						\$65.56		
Total listed costs for Field Operations and Materials & Services								\$181.94		
Cost per bushel for Field Operations and Materials & Service								\$3.03		

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."

**Soybeans, Pivot Irrigated, 800 GPM 35 PSI, 6 acre-inches
No-Till Narrow Row, Roundup Ready® After Corn
63 bu/ac Soybeans**

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 Narrow Row	1 ac	\$3.21	\$2.51	\$0.34	\$2.10	\$1.89	\$3.14	\$13.19	
3 Spray	1 ac	\$0.98	\$0.50	\$0.58	\$0.20	\$0.04	\$0.22	\$2.52	
4 Spray	0.5 ac	\$0.50	\$0.26	\$0.29	\$0.10	\$0.02	\$0.11	\$1.28	
5 Spray	Custom								
6 PivotD 125' Lift	6 AI	\$2.42	\$49.19	\$2.44	\$2.89	\$4.96	\$9.88	\$71.78	
7 Combine	1 ac	\$2.34	\$7.34	\$2.97	\$0.45	\$11.99	\$1.06	\$26.15	
8 Truck	Custom								
Total for Field Operations		\$10.43	\$60.30	\$7.20	\$5.94	\$18.94	\$14.63	\$117.44	
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			
21-0-0-26s	Spray Grade	1	100%	1.7 lb	0.53/lb	\$0.90			
RR Soybeans	Seed	2	100%	1.2 bag	43.00/bag	\$51.60			
Pursuit Plus	Herbicide	3	100%	1.67 pt	8.25/pt	\$13.78			
Prowl H2O	Herbicide	3	100%	1.6 pt	4.75/pt	\$7.60			
Glyphosate w/Surf	Herbicide	4	50%	32 oz	0.35/oz	\$5.60			
21-0-0-26S	Spray Grade	4	50%	2 lb	0.53/lb	\$0.53			
Aerial Spray	Custom	5	20%	1 ac	7.00/ac	\$1.40			
Warrior T	Insecticide*	5	20%	3.2 oz	2.81oz	\$1.80			
Haul Grain bu	Custom	8	100%	60 bu	0.15/bu	\$9.00			
Total for Materials & Services		180,000 seeds per acre						\$103.41	
*Insecticide for bean leaf beetle									
Total listed costs for Field Operations and Materials & Services								\$220.85	
Cost per bushel for Field Operations and Materials & Service								\$3.51	

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."

**Soybeans, Pivot Irrigated, 800 GPM 35 PSI, 6 acre-inches
No-Till Narrow Row, Continuous
57 bu/ac Soybeans**

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 Narrow Row	1 ac	\$3.21	\$2.51	\$0.34	\$2.10	\$1.89	\$3.14	\$13.19		
3 Spray	1 ac	\$0.98	\$0.50	\$0.58	\$0.20	\$0.04	\$0.22	\$2.52		
4 Spray	0.5 ac	\$0.50	\$0.26	\$0.29	\$0.10	\$0.02	\$0.11	\$1.28		
5 Spray	Custom									
6 PivotD 125' Lift	6 AI	\$2.42	\$49.19	\$2.44	\$2.89	\$4.96	\$9.88	\$71.78		
7 Combine	1 ac	\$2.34	\$7.34	\$2.97	\$0.45	\$11.99	\$1.06	\$26.15		
8 Truck	Custom									
Total for Field Operations		\$10.43	\$60.30	\$7.20	\$5.94	\$18.94	\$14.63	\$117.44		
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			
21-0-0-26s	Spray Grade	1	100%	1.7 lb	0.53/lb		\$0.90			
RR Soybeans	Seed	2	100%	1.2 bag	43.00/bag		\$51.60			
Pursuit Plus	Herbicide	3	100%	1.67 pt	8.25/pt		\$13.78			
Prowl H2O	Herbicide	3	100%	1.6 pt	4.75/pt		\$7.60			
Glyphosate w/Surf	Herbicide	4	50%	32 oz	0.35/oz		\$5.60			
21-0-0-26S	Spray Grade	4	50%	2 lb	0.53/lb		\$0.53			
Aerial Spray	Custom	5	20%	1 ac	7.00/ac		\$1.40			
Warrior T	Insecticide*	5	20%	3.2 oz	2.81oz		\$1.80			
Haul Grain bu	Custom	8	100%	57 bu	0.15/bu		\$8.55			
Total for Materials & Services		180,000 seeds per acre						\$102.96		
*Insecticide for bean leaf beetle										
Total listed costs for Field Operations and Materials & Services								\$220.40		
Cost per bushel for Field Operations and Materials & Service								\$3.87		

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."

**Soybeans, Pivot Irrigated, 800 GPM 35PSI, 6 acre-inches
No-till Drilled, Roundup Ready® After Corn
63 bu/ac Soybeans**

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	\$0.19	\$0.05	\$0.22	\$2.52	
2 No-Till Drill	1 ac	\$1.92	\$3.60	\$0.28	\$2.41	\$1.55	\$2.19	\$11.95	
3 Spray	1 ac	\$0.98	\$0.50	\$0.58	\$0.19	\$0.05	\$0.22	\$2.52	
4 Spray	0.5 ac	\$0.50	\$0.26	\$0.29	\$0.10	\$0.02	\$0.11	\$1.28	
5 Spray	Custom								
6 PivotD 125' Lift	6 AI	\$2.42	\$49.88	\$2.44	\$2.29	\$4.96	\$9.89	\$71.88	
7 Combine	1 ac	\$2.35	\$7.44	\$2.93	\$0.45	\$11.98	\$1.05	\$26.20	
8 Truck	Custom								
Total for Field Operations		\$9.15	\$62.18	\$7.10	\$5.63	\$18.61	\$13.46	\$116.35	
Wage \$12.00/hr	Elec \$0.072/kwh								
Diesel \$4.00/gal	No warranty on reduced rate herbicide budgeted here								
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			
21-0-0-26s	Spray Grade	1	100%	2 lb	0.53/lb	\$1.06			
RR Soybeans	Seed	2	100%	1.2 bag	43.00/bag	\$51.60			
Authority	Herbicide	3	100%	4 oz	2.35/oz	\$9.40			
Prowl H ₂ O	Herbicide	3	100%	1.4 oz	0.30/oz	\$0.42			
Glyphosate w/Surf	Herbicide	4	50%	32 oz	0.35/oz	\$5.60			
21-0-0-26s	Spray Grade	4	50%	2 lb	0.53/lb	\$0.53			
Aerial Spray	Custom	5	20%	1 ac	7.00/ac	\$1.40			
Warrior T	Insecticide	5	20%	3.2 oz	2.81/oz	\$1.80			
Haul Grain bu	Custom	8	100%	63 bu	0.15/bu	\$9.45			
Total for Materials & Services		NOTE: 180,000 seeds per acre						\$92.46	
Total listed costs for Field Operations and Materials & Services								\$208.81	
Cost per bushel for Field Operations and Materials & Service								\$3.31	

For interest, overhead, management, crop insurance, 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."