

Corn Following Corn

Ag Decision Maker -- Iowa State University Extension and Outreach

The [Estimated Costs of Crop Production publication](#) has more information on the cost and returns for growing a corn crop after a previous crop of corn.

Enter your input values in shaded cells.

Field Name		Expected Yield	182	bu./acre
DRAINAGE DISTRICT NO. 15		Acres	1	

	Cost per Acre		Total	Total Cost All Acres
	<u>Fixed</u>	<u>Variable</u>		
Preharvest machinery				
Chisel plow	\$3.60	\$3.90	\$7.50	\$8
Tandem disk	\$4.60	\$3.40	\$8.00	\$8
Apply nitrogen	\$4.30	\$4.40	\$8.70	\$9
Field cultivate	\$2.60	\$2.30	\$4.90	\$5
Plant	\$5.80	\$4.80	\$10.60	\$11
Spray	\$2.20	\$2.00	\$4.20	\$4
Custom hire			\$0.00	\$0
Other			\$0.00	\$0
Other			\$0.00	\$0
Total per acre	\$23.10	\$20.80	\$43.90	\$44
Total all acres	\$23	\$21	\$44	---
Seed, chemicals, etc.				
Seed		---	\$96.60	\$97
<i>cost per 1000 kernels</i>	\$3.22			
<i>kernels per acre</i>	30,000			
Nitrogen		---	\$63.24	\$63
<i>price per pound</i>	\$0.34			
<i>pounds per acre</i>	186			
Phosphate		---	\$23.12	\$23
<i>price per pound</i>	\$0.34			
<i>pounds per acre</i>	68			
Potash		---	\$17.05	\$17
<i>price per pound</i>	\$0.31			
<i>pounds per acre</i>	55			
Lime (annual cost)		---	\$12.49	\$12
Herbicide		---	\$31.85	\$32
Insecticide		---	\$23.79	\$24
Crop insurance		---	\$9.70	\$10
Miscellaneous		---	\$10.00	\$10
Interest on preharvest variable costs		---	\$11.93	\$12
<i>length of period (months)</i>	8			
<i>interest rate</i>	5.8%			
Total		---	\$299.77	\$300

Harvest machinery					
Combine				\$0.00	\$0
Grain Cart				\$0.00	\$0
Haul		\$0.00	\$0.00	\$0.00	\$0
<i>Fixed- price per bushel</i>					
<i>Variable- price per bushel</i>					
Drying		\$0.00	\$0.00	\$0.00	\$0
<i>Fixed- price per bushel</i>					
<i>Variable- price per bushel</i>					
Handling		\$0.00	\$0.00	\$0.00	\$0
<i>Fixed- price per bushel</i>					
<i>Variable- price per bushel</i>					
Custom hire		\$0.00	\$0.00	\$0.00	\$0
Total per acre		\$0.00	\$0.00	\$0.00	\$0
Total all acres		\$0	\$0	\$0	---
Labor					
Operator		\$41.30	---	\$41.30	\$41
<i>Hours</i>	2.8				
<i>Rate per hour</i>	\$14.75				
Hired		---	\$0.00	\$0.00	\$0
<i>Hours</i>					
<i>Rate per hour</i>					
Total		\$41.30	\$0.00	\$41.30	\$41
Land					
Cash rent equivalent		\$253.00	---	\$253.00	\$253
Total fixed, variable and all costs					
Per acre		\$317.40	\$320.57	\$637.97	\$638
Per bushel		\$1.74	\$1.76	\$3.51	---
All acres		\$317	\$321	\$638	---
				Return per Acre Over	Return
				Variable Costs	All Costs
					All Acres
Gross returns					
Expected selling price	\$0.00		---	\$0.00	\$0
Government payments			---	\$0.00	\$0
Effective LDP rate	\$0.00		---	\$0.00	\$0
Total returns			---	\$0.00	\$0
Net returns			-\$320.57	-\$637.97	-\$638

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Contact: Ann Johanns

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Herbicide Tolerant Soybeans Following Corn

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The [Estimated Costs of Crop Production publication](#) has more information on the cost and returns for growing herbicide tolerant soybeans after a corn crop.

Enter your input values in shaded cells.

Field Name	Expected Yield	50.9	bu./acre
DRAINAGE DISTRICT NO. 15	Acres	1	

	Cost per Acre		Total	Total Cost All Acres
	Fixed	Variable		
Preharvest machinery				
Chisel plow	\$3.60	\$3.90	\$7.50	\$8
Tandem disk	\$4.60	\$3.40	\$8.00	\$8
Field cultivate	\$4.30	\$4.40	\$8.70	\$9
Plant	\$2.60	\$2.30	\$4.90	\$5
Spray	\$5.80	\$4.80	\$10.60	\$11
Spray	\$2.20	\$2.00	\$4.20	\$4
Custom hire			\$0.00	\$0
Other			\$0.00	\$0
Total per acre	\$23.10	\$20.80	\$43.90	\$44
Total all acres	\$23	\$21	\$44	---
Seed, chemicals, etc.				
Seed		\$47.40	\$47.40	\$47
<i>cost per unit</i>	\$47.40			
<i>number of units</i>	1.0			
Phosphate		\$13.60	\$13.60	\$14
<i>price per pound</i>	\$0.34			
<i>pounds per acre</i>	40			
Potash		\$23.25	\$23.25	\$23
<i>price per pound</i>	\$0.31			
<i>pounds per acre</i>	75			
Lime (annual cost)		\$12.49	\$12.49	\$12
Herbicide		\$41.62	\$41.62	\$42
Crop insurance		\$7.70	\$7.70	\$8
Miscellaneous		\$9.00	\$9.00	\$9
Interest on preharvest variable costs		\$6.80	\$6.80	\$7
<i>length of period (months)</i>	8			
<i>interest rate</i>	5.8%			
Total		\$161.86	\$161.86	\$162

Harvest machinery					
Combine				\$0.00	\$0
Grain Cart				\$0.00	\$0
Haul		\$0.00	\$0.00	\$0.00	\$0
<i>Fixed- price per bushel</i>					
<i>Variable- price per bushel</i>					
Handling		\$0.00	\$0.00	\$0.00	\$0
<i>Fixed- price per bushel</i>					
<i>Variable- price per bushel</i>					
Custom hire		\$0.00	\$0.00	\$0.00	\$0
Total per acre		\$0.00	\$0.00	\$0.00	\$0
Total all acres		\$0	\$0	\$0	---
Labor					
Operator		\$32.45	---	\$32.45	\$32
<i>Hours</i>	2.2				
<i>Rate per hour</i>	\$14.75				
Hired		---	\$0.00	\$0.00	\$0
<i>Hours</i>	0				
<i>Rate per hour</i>	\$0.00				
Total		\$32.45	\$0.00	\$32.45	\$32
Land					
Cash rent equivalent		\$253.00	---	\$253.00	\$253
Total fixed, variable and all costs					
Per acre		\$308.55	\$182.66	\$491.21	\$491
Per bushel		\$6.06	\$3.59	\$9.65	---
All acres		\$309	\$183	\$491	---
Gross returns					
Expected selling price	\$0.00		---	\$0.00	\$0
Government payments			---	\$0.00	\$0
Effective LDP rate	\$0.00		---	\$0.00	\$0
Total returns			---	\$0.00	\$0
Net returns			-\$182.66	-\$491.21	-\$491

	Return per Acre Over		Return
	Variable Costs	All Costs	All Acres

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Pasture improvement by renovation with grass seeding -- initial cost per acre

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Pasture cost improvement budget for improving the grass by completing renovating with a new grass seed

Enter your input values in shaded cells.

Field Name		Fixed	Variable	Total
DRAINAGE DISTRICT NO. 15		Costs	Costs	Costs
Preharvest machinery				
Moldboard plow		\$9.00	\$9.60	\$18.60
Tandem disk (twice)		\$9.20	\$6.80	\$16.00
Spread fertilizer		\$4.30	\$4.40	\$8.70
Harrow		\$2.10	\$1.50	\$3.60
Seed (drill)		\$4.50	\$4.10	\$8.60
Clip weeds		\$6.50	\$4.20	\$10.70
Other				\$0.00
Total		\$35.60	\$30.60	\$66.20
Lime and fertilizer				
Lime		----	\$58.00	\$58.00
<i>price per ton</i>	\$29.00			
<i>tons per acre</i>	2			
Nitrogen		----	\$27.20	\$27.20
<i>price per pound</i>	\$0.340			
<i>pounds per acre</i>	80			
Phosphate		----	\$10.20	\$10.20
<i>price per pound</i>	\$0.34			
<i>pounds per acre</i>	30			
Potash		----	\$99.55	\$99.55
<i>price per pound</i>	\$1.81			
<i>pounds per acre</i>	55			
Total			\$194.95	\$194.95
Seed				
Oats		----	\$19.13	\$19.13
<i>cost per bushel</i>	\$12.75			
<i>number of bushels</i>	1.5			
Bromegrass		----	\$100.00	\$100.00
<i>cost per pound</i>	\$10.00			
<i>number of pounds</i>	10			
Orchardgrass		----	\$16.65	\$16.65
<i>cost per pound</i>	\$5.55			
<i>number of pounds</i>	3			
Total			\$135.78	\$135.78
Labor				
Hours		\$0.00	----	\$0.00
Rate per hour				
Total initial cost per acre		\$35.60	\$361.33	\$396.93

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