

# CROP PRODUCTION COSTS

## CORN AND SOYBEAN PRODUCTION COSTS AND RETURNS <sup>1</sup> HEARTLAND REGION <sup>2</sup>, 2012-2013

Item	Corn <sup>3</sup>		Soybeans <sup>4</sup>	
	2012	2013	2012	2013
(Dollars per Planted Acre)				
Total, Gross Value of Production (Excluding Direct Government Payments)	811.91	763.96	612.32	606.92
Operating Costs:				
Seed	98.83	104.96	54.37	57.24
Fertilizer <sup>5</sup>	164.77	161.58	37.71	36.97
Chemicals	28.31	29.40	26.31	27.32
Custom Operations <sup>6</sup>	15.84	16.47	8.65	8.99
Fuel, Lube, and Electricity	25.98	27.95	16.90	16.90
Repairs	23.12	23.34	18.91	19.09
Interest on Operating Capital	0.24	0.16	0.11	0.07
Total, Operating Costs	357.09	363.86	162.95	166.58
Allocated Overhead:				
Hired Labor	2.76	2.81	1.69	1.72
Opportunity Cost of Unpaid Labor	21.35	21.76	15.27	15.56
Capital Recovery of Machinery and Equipment	90.47	93.06	74.82	76.96
Opportunity Cost of Land (rental rate)	184.42	200.65	170.24	185.22
Taxes and Insurance	8.34	8.42	9.96	10.06
General Farm Overhead	18.45	18.63	17.82	17.99
Total, Allocated Overhead	325.79	345.33	289.79	307.51
Total, Costs Listed	682.88	709.19	452.74	474.09
Value of Production Less Total Costs Listed	129.03	54.77	159.58	132.82
Value of Production Less Operating Costs	454.82	400.10	449.37	440.33
Supporting Information:				
Yield (bushels per planted acre)	119	166	43	45
Price (dollars per bushel at harvest)	6.82	4.60	14.24	13.42
Enterprise size (planted acres)	313	313	268	268
Production Practices				
Irrigated (percent)	5	5	5	5
Dryland (percent)	95	95	95	95

<sup>1</sup> Excluding Government Payments.

<sup>2</sup> Heartland Region includes: Illinois, Indiana, Iowa, Western Kentucky, Southern and Western Minnesota, North and Central Missouri, Northeastern Nebraska, Western Ohio, and Southeastern North Dakota.

<sup>3</sup> Corn: Developed from survey base year, 2010.

<sup>4</sup> Soybeans: Developed from survey base year, 2012.

<sup>5</sup> Cost of commercial fertilizers, soil conditioners, and manure.

<sup>6</sup> Cost of custom operations, technical services and commercial drying.

Source: Economic Research Service