

# CROP PRODUCTION COSTS

## CORN AND SOYBEAN PRODUCTION COSTS AND RETURNS <sup>1</sup> HEARTLAND REGION <sup>2</sup>, 2018-2019

Item	Corn <sup>3</sup>		Soybeans <sup>4</sup>	
	2018	2019	2018	2019
(Dollars per Planted Acre)				
Total, Gross Value of Production (Excluding Direct Government Payments)	679.00	715.41	486.08	420.00
Operating Costs:				
Seed	102.20	99.85	56.50	55.31
Fertilizer <sup>5</sup>	113.32	119.20	24.04	25.35
Chemicals	34.74	34.57	26.23	26.07
Custom Operations <sup>6</sup>	23.02	23.82	9.71	10.03
Fuel, Lube, and Electricity	26.35	25.66	11.60	11.79
Repairs	31.97	32.97	20.55	21.12
Interest on Operating Capital	3.47	3.55	1.55	1.58
Total, Operating Costs	335.07	339.62	150.18	151.25
Allocated Overhead:				
Hired Labor	3.46	3.68	2.07	2.18
Opportunity Cost of Unpaid Labor	26.05	27.42	18.72	19.74
Capital Recovery of Machinery and Equipment	121.31	127.35	85.51	89.50
Opportunity Cost of Land (rental rate)	192.87	193.03	180.21	182.82
Taxes and Insurance	11.44	11.86	11.17	11.44
General Farm Overhead	17.68	18.32	19.36	19.90
Total, Allocated Overhead	372.81	381.66	317.04	325.58
Total, Costs Listed	707.88	721.28	467.22	476.83
Value of Production Less Total Costs Listed	-28.88	-5.87	18.86	-56.83
Value of Production Less Operating Costs	343.93	375.79	335.90	268.75
Supporting Information:				
Yield (bushels per planted acre)	200	188	56	50
Price (dollars per bushel at harvest)	3.39	3.80	8.68	8.40
Enterprise size (planted acres)	302	302	268	268
Production Practices				
Irrigated (percent)	7	7	5	5
Dryland (percent)	93	93	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, 2016.

<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