

CROP PRODUCTION COSTS

CORN AND SOYBEAN PRODUCTION COSTS AND RETURNS HEARTLAND REGION 1/, 2003-2004

Item	Corn		Soybeans	
	2003	2004	2003	2004
	<u>Dollars per Planted Acre</u>			
Total, Gross Value of Production (Excluding Direct Government Payments)	331.06	376.17	237.11	272.08
Operating Costs:				
Seed	34.89	37.05	27.78	29.56
Fertilizer	45.00	48.90	6.87	7.59
Soil Conditioners <u>2/</u>	.09	.10	.09	.10
Manure	1.60	1.74	0.48	0.51
Chemicals	26.50	27.11	17.40	16.61
Custom Operations <u>3/</u>	10.09	10.53	5.48	5.53
Fuel, Lube, and Electricity	18.81	25.41	7.16	7.72
Repairs	12.63	13.82	8.73	9.64
Interest on Operating Capital	0.79	1.26	1.39	0.61
Total, Operating Costs	150.40	165.92	75.38	77.87
Allocated Overhead:				
Hired Labor	2.30	2.30	1.24	1.27
Opportunity Cost of Unpaid Labor	23.79	24.28	15.09	15.14
Capital Recovery of Machinery and Equipment	53.06	58.11	40.68	44.92
Opportunity Cost of Land (rental rate)	100.28	103.58	95.93	98.97
Taxes and Insurance	5.19	5.24	5.89	5.95
General Farm Overhead	10.93	11.17	12.10	12.35
Total, Allocated Overhead	195.55	204.68	170.93	178.60
Total, Costs Listed	345.95	370.60	246.31	256.47
Value of Production Less Total Costs Listed	-14.89	5.57	-9.20	15.61
Value of Production Less Operating Costs	180.66	210.25	161.73	194.21
Supporting Information:				
Yield (bushels per planted acre)	157	178	36	49
Price (dollars per bushel at harvest)	2.10	2.10	6.57	5.58
Enterprise size (planted acres) <u>1/</u>	270	270	280	280
Production Practices <u>4/</u> <u>5/</u>				
Irrigated (percent)	5	5	5	5
Dryland (percent)	95	95	95	95

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

2/ Cost of lime.

3/ Cost of custom operations, technical services and commercial drying.

4/ Corn: For survey base year 2001.

5/ Soybeans: For survey base year 2002.

Source: Economic Research Service