

CROP PRODUCTION COSTS

CORN AND SOYBEAN PRODUCTION COSTS AND RETURNS HEARTLAND REGION 1/, 2004-2005

Item	Corn		Soybeans	
	2004	2005	2004	2005
	<u>Dollars per Planted Acre</u>			
Total, Gross Value of Production (Excluding Direct Government Payments)	376.17	286.05	272.08	282.09
Operating Costs:				
Seed	37.05	39.72	29.56	32.59
Fertilizer	48.90	58.59	7.59	9.55
Soil Conditioners ^{2/}	0.10	0.10	0.10	0.09
Manure	1.74	2.10	0.51	0.62
Chemicals	27.11	27.18	16.61	14.00
Custom Operations ^{3/}	10.53	10.76	5.53	5.75
Fuel, Lube, and Electricity	25.41	30.19	7.72	11.14
Repairs	13.82	14.36	9.64	10.08
Interest on Operating Capital	1.26	3.08	0.61	1.41
Total, Operating Costs	165.92	186.08	77.87	85.23
Allocated Overhead:				
Hired Labor	2.30	2.37	1.27	1.29
Opportunity Cost of Unpaid Labor	24.28	24.58	15.14	15.63
Capital Recovery of Machinery and Equipment	58.11	60.39	44.92	46.99
Opportunity Cost of Land (rental rate)	103.58	106.90	98.97	102.09
Taxes and Insurance	5.24	5.45	5.95	6.15
General Farm Overhead	11.17	11.61	12.35	12.97
Total, Allocated Overhead	204.68	211.30	178.60	185.12
Total, Costs Listed	370.60	397.38	256.47	270.35
Value of Production Less Total Costs Listed	5.57	-111.33	15.61	11.74
Value of Production Less Operating Costs	210.25	99.97	194.21	196.86
Supporting Information:				
Yield (bushels per planted acre)	178	161	49	49
Price (dollars per bushel at harvest)	2.10	1.77	5.58	5.70
Enterprise size (planted acres) ^{1/}	270	270	280	280
Production Practices ^{4/} ^{5/}				
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