

# SOYBEAN PRODUCTION COSTS AND RETURNS 2009 - 2010 <sup>1/ 2/</sup>

ITEM	UNITED STATES		HEARTLAND		EASTERN UPLANDS	
	2009	2010	2009	2010	2009	2010
Dollars Per Planted Acre						
Gross value of production						
Primary product: Soybeans	437.10	449.32	502.86	505.41	393.60	327.67
Total, gross value of production	\$437.10	\$449.32	\$502.86	\$505.41	\$393.60	\$327.67
Operating costs:						
Seed	55.26	59.20	53.50	57.49	52.55	56.46
Fertilizer <sup>3/</sup>	23.65	17.87	22.01	16.88	36.51	27.99
Chemicals	17.38	17.04	16.87	16.64	13.48	13.30
Custom operations	7.17	6.52	6.03	5.50	8.28	7.55
Fuel, lube, and electricity	13.48	16.75	10.48	13.01	11.12	13.81
Repairs	13.22	13.46	11.47	11.69	11.37	11.59
Purchased irrigation water	0.14	0.14	0.00	0.00	0.00	0.00
Interest on operating capital	0.19	1.31	0.17	1.21	0.19	1.31
Total, operating costs	\$130.49	\$132.29	\$120.53	\$122.42	\$133.50	\$132.01
Allocated overhead:						
Hired labor	2.14	2.11	1.26	1.27	2.95	2.98
Opportunity cost of unpaid labor	17.19	17.33	15.67	15.84	18.19	18.38
Capital recovery of machinery and equipment	75.54	77.51	71.33	73.26	66.81	68.61
Opportunity cost of land (rental rate)	108.98	148.34	127.92	174.63	71.47	97.56
Taxes and insurance	10.84	9.41	10.68	9.29	8.28	7.20
General farm overhead	14.57	14.86	14.62	14.90	14.23	14.50
Total, allocated overhead	\$229.26	\$269.56	\$241.48	\$289.19	\$181.93	\$209.23
Total, costs listed	\$359.75	\$401.85	\$362.01	\$411.61	\$315.43	\$341.24
Value of production less total costs listed	77.35	47.47	140.85	93.80	78.17	-13.57
Value of production less operating costs	306.61	317.03	382.33	382.99	260.10	195.66
Supporting information:						
Yield (bushels per planted acre)	47	47	51	51	40	31
Price (dollars per bushel at harvest)	9.30	9.56	9.86	9.91	9.84	10.57
Enterprise size (planted acres) <sup>1/</sup>	303	303	299	299	321	321
Production practices: <sup>1/</sup>						
Irrigated (percent)	9	9	4	4	6	6
Dryland (percent)	91	91	96	96	94	94

Economic Research Service is publishing regional estimates using resource regions conforming with the standards recommended by the American Agricultural Economics Association (AAFA) Task Force on Commodity Costs and Returns. **Western Kentucky is in the Heartland region, while eastern Kentucky is in the Eastern Uplands.** <sup>1/</sup>Developed from survey base year, 2006. <sup>2/</sup>Excludes government payments. <sup>3/</sup>Cost of commercial fertilizer, soil conditioners, and manure.