

How Much Does a 10 Cent Loss in Soybean Price Affect a County's Economy?

The scenario below used average soybean production levels within reported Missouri counties for the past three years (*USDA-NASS data*), and factored a 10-cent price decrease impact. Results include direct, indirect and induced economic effects. Direct effects refer to the industry sales made by Missouri soybean farmers. Indirect effects accumulate when businesses purchase materials and services from other businesses (i.e. supply chain interactions). Induced effects accrue when soybean businesses' employees and proprietors spend their household income within the local economy. Economic impact results were estimated using IMPLAN software. This information was compiled by University of Missouri Extension in August 2018.

Missouri County	Jobs Not Supported	Labor Earnings Not Gained	Less Economic Activity	Average Production (bu.)
Adair	1.2	\$78,984	\$284,010	2,302,000
Andrew	2.4	\$106,522	\$387,444	3,308,000
Atchison	1.7	\$216,615	\$770,835	6,632,500
Audrain	2.5	\$214,333	\$782,361	6,382,667
Barry	0.1	\$7,900	\$28,240	224,000
Barton	1.4	\$111,430	\$408,975	3,470,333
Bates	2.2	\$162,852	\$585,742	5,003,000
Boone	1.6	\$68,922	\$236,688	1,736,000
Buchanan	1.4	\$97,143	\$343,958	2,637,667
Butler	1.8	\$165,563	\$575,297	4,675,500
Caldwell	0.8	\$66,449	\$245,928	2,117,000
Cape Girardeau	2.6	\$132,552	\$448,222	3,342,000
Carroll	2.3	\$173,186	\$622,538	5,186,000
Cass	2.0	\$100,421	\$351,661	2,823,000
Chariton	2.6	\$174,196	\$623,959	5,195,000
Clay	0.9	\$45,976	\$152,494	1,122,500
Clinton	1.0	\$68,265	\$243,004	2,064,500
Cole	0.4	\$19,557	\$69,414	528,667
Cooper	1.9	\$130,853	\$470,810	3,906,000
Crawford	0.0	\$898	\$3,096	25,000
Dade	0.6	\$41,144	\$147,322	1,229,000
Dallas	0.0	\$1,149	\$4,158	35,167
Daviess	1.1	\$99,754	\$365,311	3,173,000
Dunklin	2.5	\$224,218	\$764,768	5,779,667
Franklin	1.6	\$67,535	\$241,529	1,880,500
Gasconade	0.4	\$17,938	\$65,453	539,667
Gentry	1.4	\$106,096	\$377,890	3,082,000
Greene	0.2	\$6,525	\$21,790	152,667
Grundy	1.8	\$105,049	\$371,158	2,998,000
Henry	1.4	\$105,602	\$379,636	3,174,000
Hickory	0.1	\$6,111	\$22,063	189,000
Holt	1.3	\$150,165	\$548,773	4,754,000
Jackson	1.7	\$75,282	\$242,577	1,642,000
Jasper	1.5	\$81,525	\$267,805	1,968,500
Jefferson	0.3	\$7,894	\$28,063	213,000

Missouri County	Jobs Not Supported	Labor Earnings Not Gained	Less Economic Activity	Average Production (bu.)
Johnson	2.1	\$108,702	\$381,113	3,054,000
Knox	1.5	\$125,301	\$455,681	4,101,500
Laclede	0.0	\$2,223	\$7,897	64,250
Lafayette	2.7	\$191,005	\$693,794	5,718,667
Lawrence	0.3	\$17,524	\$62,419	533,000
Lewis	1.3	\$99,489	\$359,018	3,051,667
Lincoln	2.4	\$122,056	\$442,746	3,646,000
Linn	1.9	\$113,749	\$404,528	3,369,500
Livingston	3.1	\$164,396	\$565,021	4,347,000
Madison	0.0	\$1,405	\$5,144	42,900
Maries	0.1	\$5,018	\$18,112	158,000
Marion	1.6	\$124,179	\$434,684	3,386,000
McDonald	0.0	\$2,442	\$8,630	70,150
Miller	0.1	\$8,537	\$31,605	251,000
Mississippi	2.5	\$315,594	\$1,098,797	9,064,500
Moniteau	0.6	\$45,875	\$165,123	1,376,000
Monroe	2.1	\$145,811	\$538,038	4,499,000
Montgomery	2.3	\$141,656	\$522,834	4,403,000
Morgan	0.3	\$17,478	\$64,856	527,333
New Madrid	2.5	\$340,648	\$1,169,012	9,488,333
Newton	0.2	\$15,981	\$57,167	466,000
Nodaway	3.5	\$229,258	\$811,554	6,673,000
Osage	0.3	\$18,195	\$66,438	568,333
Pemiscot	1.7	\$246,705	\$880,803	7,351,333
Perry	1.3	\$80,569	\$290,208	2,413,000
Pettis	1.8	\$145,345	\$510,896	4,205,667
Pike	2.1	\$141,154	\$510,134	4,204,500
Platte	1.7	\$93,995	\$321,926	2,334,000
Polk	0.1	\$5,658	\$20,085	166,000
Putnam	0.3	\$30,666	\$108,232	919,000
Ralls	0.8	\$79,906	\$290,972	2,629,000
Randolph	1.8	\$91,718	\$324,444	2,600,000
Ray	3.0	\$138,918	\$496,145	4,149,000
Saline	2.4	\$295,740	\$951,574	7,522,000
Scott	1.6	\$164,456	\$575,545	4,556,000
Shelby	2.5	\$171,577	\$588,579	4,921,500
St. Charles	1.7	\$105,360	\$371,396	2,857,333
St. Clair	0.8	\$55,589	\$198,383	1,684,000
St. Francois	0.2	\$6,336	\$22,268	168,000
St. Louis	0.4	\$18,229	\$58,927	413,500
Ste. Genevieve	0.7	\$30,844	\$109,724	919,333
Stoddard	3.2	\$294,301	\$1,049,704	8,605,667
Sullivan	0.2	\$37,657	\$136,027	1,202,500
Vernon	1.0	\$111,432	\$379,334	3,028,500
Warren	1.1	\$47,914	\$173,343	1,494,000
Wayne	0.1	\$3,819	\$13,970	120,667
Webster	0.0	\$1,250	\$4,575	38,667
Worth	0.6	\$32,036	\$121,323	1,056,000