



Iowa Ag News – 2023 Soybean County Estimates

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Cooperating with the Iowa Department of Agriculture and Land Stewardship

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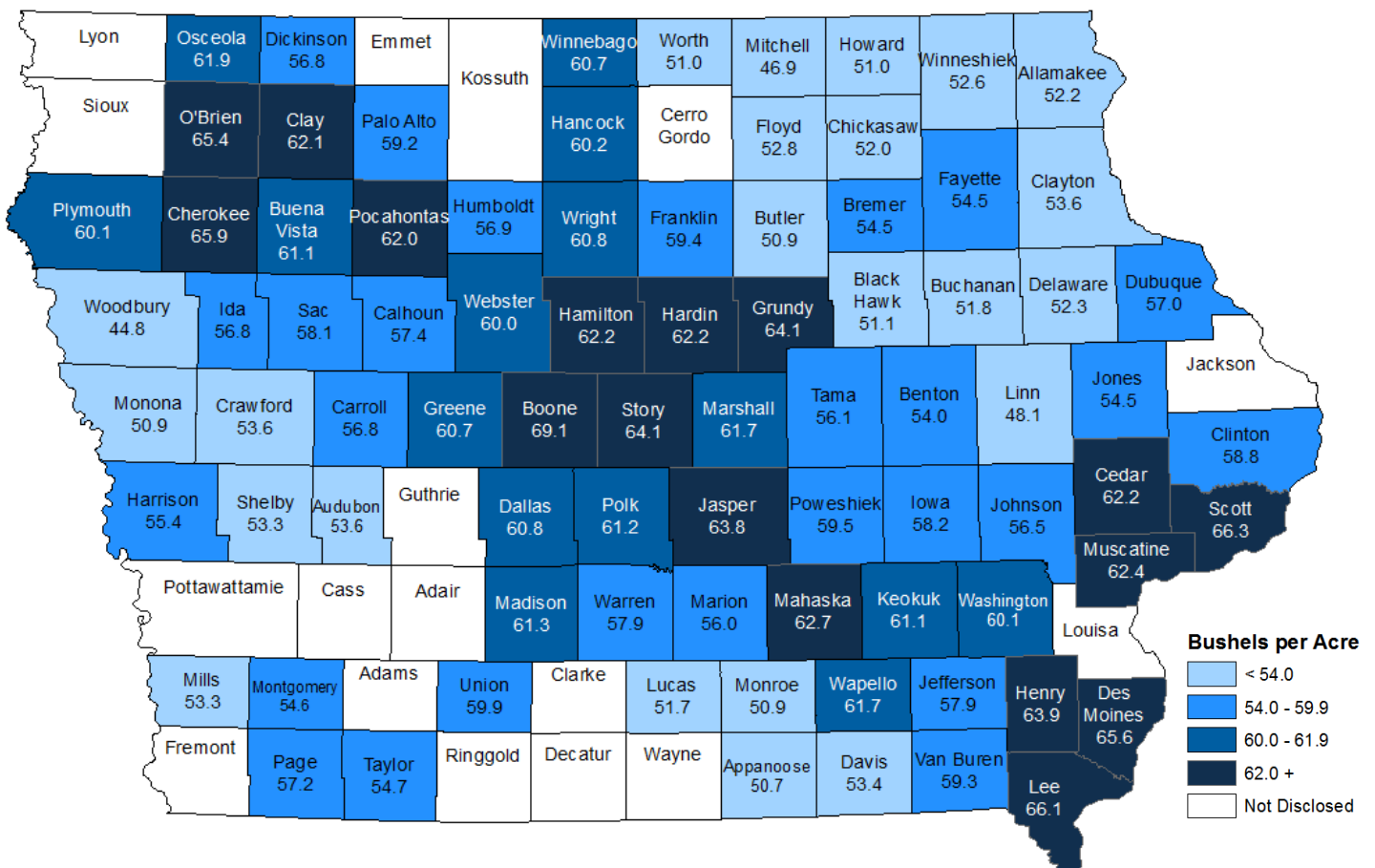
In 2023, Plymouth County led all Iowa counties in total soybean production, with 11.7 million bushels according to the USDA's National Agricultural Statistics Service. Webster (9.54 million), Jasper (9.23 million), O'Brien (9.10 million) and Pocahontas (8.93 million) rounded out the top five counties with the highest production.

Thirty-two of Iowa's counties averaged at least 60.0 bushels per acre. Boone County had the highest yield with an average of 69.1 bushels per acre. Scott (66.3), Lee (66.1), Cherokee (65.9) and Des Moines (65.6) rounded out the top five highest yielding counties. Woodbury County recorded the lowest average yield at 44.8 bushels per acre.

Yields are calculated by dividing a county's production by its area harvested. Only published estimates were considered in rankings of counties.

Soybean Yield – Iowa: 2023

State Average: 58.0 Bushels per Acre



Soybeans for Beans, Area Planted, Harvested, Yield, and Production – Iowa by County: 2022-2023

County by district	Area planted		Area harvested		Yield		Production	
	2022	2023	2022	2023	2022	2023	2022	2023
	(acres)	(acres)	(acres)	(acres)	(bushels per acre)	(bushels per acre)	(bushels)	(bushels)
Northwest								
Buena Vista	144,500	144,500	143,500	143,500	57.2	61.1	8,208,000	8,768,000
Cherokee	133,000	133,000	132,100	132,100	59.6	65.9	7,873,000	8,705,000
Clay	122,000	126,500	121,200	125,600	56.9	62.1	6,896,000	7,800,000
Dickinson	80,000	79,500	79,500	79,000	58.8	56.8	4,675,000	4,487,000
Emmet	90,400	–	89,800	–	62.8	–	5,636,000	–
Lyon	123,500	–	122,700	–	62.2	–	7,638,000	–
O'Brien	142,500	140,000	141,500	139,100	59.4	65.4	8,405,000	9,097,000
Osceola	100,000	100,500	99,300	99,900	56.3	61.9	5,591,000	6,184,000
Palo Alto	118,000	124,500	117,200	123,700	57.9	59.2	6,786,000	7,323,000
Plymouth	196,000	195,500	194,700	194,200	47.8	60.1	9,307,000	11,671,000
Pocahontas	148,000	145,000	146,900	144,000	56.5	62.0	8,300,000	8,928,000
Sioux	159,500	–	158,300	–	62.9	–	9,964,000	–
North Central								
Butler	105,500	107,500	104,800	106,800	61.6	50.9	6,456,000	5,436,000
Cerro Gordo	110,500	–	109,800	–	60.8	–	6,676,000	–
Floyd	93,900	95,100	93,300	94,500	61.9	52.8	5,775,000	4,990,000
Franklin	120,000	119,000	119,200	118,200	62.8	59.4	7,486,000	7,021,000
Hancock	133,500	121,500	132,600	120,700	63.0	60.2	8,354,000	7,266,000
Humboldt	108,000	107,000	107,300	106,300	59.0	56.9	6,331,000	6,048,000
Kossuth	232,000	–	230,500	–	56.2	–	12,949,000	–
Mitchell	84,500	81,700	83,900	81,200	64.6	46.9	5,420,000	3,808,000
Winnebago	86,500	82,200	85,900	81,700	64.4	60.7	5,532,000	4,959,000
Worth	86,600	87,600	86,000	87,000	62.0	51.0	5,332,000	4,435,000
Wright	136,500	139,500	135,600	138,600	60.6	60.8	8,217,000	8,427,000
Northeast								
Allamakee	36,700	35,500	36,500	35,300	61.2	52.2	2,234,000	1,843,000
Black Hawk	99,500	94,600	98,800	93,900	64.5	51.1	6,373,000	4,798,000
Bremer	75,500	69,700	75,000	69,200	66.7	54.5	5,006,000	3,771,000
Buchanan	96,300	84,400	95,600	83,800	65.0	51.8	6,214,000	4,341,000
Chickasaw	88,200	87,600	87,600	87,000	63.6	52.0	5,571,000	4,524,000
Clayton	68,500	65,600	68,000	65,200	64.5	53.6	4,383,000	3,495,000
Delaware	72,400	64,700	71,900	64,300	67.4	52.3	4,849,000	3,363,000
Dubuque	43,800	42,200	43,500	41,900	68.6	57.0	2,984,000	2,387,000
Fayette	117,500	113,500	116,700	112,700	63.4	54.5	7,399,000	6,142,000
Howard	82,400	84,700	81,800	84,100	60.9	51.0	4,982,000	4,289,000
Winneshiek	74,000	67,800	73,500	67,100	66.3	52.6	4,875,000	3,529,000
West Central								
Audubon	95,000	99,100	94,400	98,400	57.9	53.6	5,466,000	5,274,000
Calhoun	136,500	144,000	135,600	143,100	61.2	57.4	8,298,000	8,214,000
Carroll	118,500	122,500	117,700	121,700	58.9	56.8	6,933,000	6,913,000
Crawford	145,500	151,500	144,500	150,500	62.8	53.6	9,072,000	8,067,000
Greene	128,000	130,000	127,100	129,100	59.0	60.7	7,499,000	7,836,000
Guthrie	94,700	–	94,100	–	58.6	–	5,514,000	–
Harrison	132,000	133,500	131,100	132,600	52.4	55.4	6,870,000	7,346,000
Ida	99,200	96,300	98,500	95,700	63.1	56.8	6,211,000	5,436,000
Monona	141,000	139,000	140,000	138,100	48.6	50.9	6,797,000	7,029,000
Sac	139,500	138,000	138,500	137,100	61.3	58.1	8,491,000	7,966,000
Shelby	140,500	138,000	139,500	137,100	58.0	53.3	8,091,000	7,307,000
Woodbury	170,500	161,500	169,300	160,400	56.4	44.8	9,554,000	7,186,000
Central								
Boone	111,000	113,000	110,200	112,300	60.4	69.1	6,656,000	7,760,000
Dallas	99,000	106,500	98,300	105,800	59.8	60.8	5,878,000	6,433,000
Grundy	124,500	122,500	123,300	120,800	64.9	64.1	8,002,000	7,743,000
Hamilton	125,500	126,500	124,600	125,700	61.3	62.2	7,638,000	7,819,000
Hardin	108,500	103,500	107,800	102,800	63.4	62.2	6,835,000	6,394,000
Jasper	142,500	145,500	141,500	144,600	60.1	63.8	8,504,000	9,225,000
Marshall	119,000	121,500	118,200	120,700	65.0	61.7	7,683,000	7,447,000
Polk	63,300	62,700	62,900	62,300	54.1	61.2	3,402,000	3,813,000
Poweshiek	125,000	124,500	124,200	123,700	60.4	59.5	7,502,000	7,360,000
Story	111,500	118,000	110,700	117,200	60.0	64.1	6,642,000	7,513,000
Tama	144,000	148,500	143,000	147,500	61.4	56.1	8,780,000	8,273,000
Webster	158,500	160,000	157,400	159,000	57.5	60.0	9,051,000	9,540,000

See footnote(s) at end of table.

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**Soybeans for Beans, Area Planted, Harvested, Yield, and Production – Iowa by County: 2022-2023
(continued)**

County by district	Area planted		Area harvested		Yield		Production	
	2022	2023	2022	2023	2022	2023	2022	2023
	(acres)	(acres)	(acres)	(acres)	(bushels per acre)	(bushels per acre)	(bushels)	(bushels)
East Central								
Benton	153,500	152,000	152,400	151,000	66.1	54.0	10,074,000	8,154,000
Cedar	122,000	116,000	121,000	115,200	67.0	62.2	8,104,000	7,165,000
Clinton	123,000	120,000	122,200	119,200	66.0	58.8	8,065,000	7,009,000
Iowa	99,400	103,000	98,700	102,300	61.6	58.2	6,080,000	5,954,000
Jackson	59,000	–	58,600	–	66.3	–	3,887,000	–
Johnson	95,300	90,000	94,700	89,400	62.1	56.5	5,881,000	5,051,000
Jones	77,200	79,000	76,700	78,500	61.7	54.5	4,732,000	4,278,000
Linn	106,500	99,400	105,800	98,700	64.6	48.1	6,835,000	4,747,000
Muscatine	76,200	76,200	75,700	75,700	65.5	62.4	4,958,000	4,724,000
Scott	70,300	71,100	69,800	70,600	69.1	66.3	4,824,000	4,679,000
Southwest								
Adair	107,500	–	106,800	–	47.5	–	5,076,000	–
Adams	–	–	–	–	–	–	–	–
Cass	120,500	–	119,700	–	51.2	–	6,129,000	–
Fremont	112,000	–	111,200	–	53.4	–	5,938,000	–
Mills	91,300	93,500	90,700	90,900	52.1	53.3	4,725,000	4,845,000
Montgomery	88,300	86,600	87,700	86,000	54.8	54.6	4,806,000	4,696,000
Page	109,500	114,500	108,800	113,800	54.0	57.2	5,875,000	6,509,000
Pottawattamie	203,000	–	201,500	–	51.0	–	10,277,000	–
Taylor	86,700	84,300	86,100	83,700	52.9	54.7	4,555,000	4,578,000
South Central								
Appanoose	50,200	43,100	49,900	42,700	40.4	50.7	2,016,000	2,165,000
Clarke	40,200	–	39,900	–	40.2	–	1,604,000	–
Decatur	46,600	–	46,300	–	37.9	–	1,757,000	–
Lucas	39,900	37,400	39,600	37,100	43.1	51.7	1,707,000	1,918,000
Madison	67,900	71,300	67,400	70,800	55.4	61.3	3,737,000	4,337,000
Marion	74,400	73,000	73,900	72,500	57.8	56.0	4,273,000	4,060,000
Monroe	32,700	26,100	32,400	25,900	47.4	50.9	1,535,000	1,318,000
Ringgold	58,900	–	58,300	–	41.8	–	2,438,000	–
Union	57,500	52,600	57,100	52,300	41.4	59.9	2,366,000	3,133,000
Warren	66,700	65,600	66,300	65,200	50.2	57.9	3,330,000	3,775,000
Wayne	–	–	–	–	–	–	–	–
Southeast								
Davis	56,900	48,700	56,500	48,300	44.6	53.4	2,522,000	2,578,000
Des Moines	70,100	64,700	69,600	64,300	66.9	65.6	4,659,000	4,218,000
Henry	72,200	72,300	71,500	71,800	60.3	63.9	4,308,000	4,588,000
Jefferson	70,200	67,300	69,700	66,400	50.7	57.9	3,534,000	3,845,000
Keokuk	108,500	107,000	107,800	106,300	53.1	61.1	5,724,000	6,495,000
Lee	73,300	68,800	72,800	68,300	54.6	66.1	3,977,000	4,515,000
Louisa	71,400	–	70,900	–	61.4	–	4,356,000	–
Mahaska	109,000	109,000	108,300	108,300	59.3	62.7	6,427,000	6,790,000
Van Buren	51,300	53,200	50,800	52,600	43.6	59.3	2,213,000	3,119,000
Wapello	58,300	54,900	57,900	54,200	53.7	61.7	3,109,000	3,344,000
Washington	96,900	95,500	96,300	94,900	57.2	60.1	5,508,000	5,703,000
Other counties	142,800	1,707,400	141,800	1,696,300	47.9	58.4	6,788,000	99,021,000
Iowa	10,100,000	9,950,000	10,030,000	9,880,000	58.5	58.0	586,755,000	573,040,000

– Data does not meet publication standards but is published in "Other counties" or represents zero.