

Iowa Corn and Soybean County Yields

Below are county yield data for corn and soybeans in Iowa summarized from USDA NASS yield reports, (www.nass.usda.gov). Included in the tables are: the most recent yield, the 10-year average, and the high and low yield in the past 10 years. All values are bushels per acre, per year.

This information is helpful in developing corn and soybean budgets, cash-flow projections, or other

types of analysis for farmers where the actual production history is not available.

More details on county yields can be found in AgDM Files A1-12, Historical Corn Yields by County, (www.extension.iastate.edu/agdm/crops/pdf/a1-12.pdf) and A1-13, Historical Soybean Yields by County, (www.extension.iastate.edu/agdm/crops/pdf/a1-13.pdf).

Table 1. Corn and soybean yields by county and district, 2008-2017 (bushels/acre)

NORTHWEST DISTRICT	Corn Yields						Soybean Yields					
	2017	10-yr Avg.	Highest Yield	Highest Year	Lowest Yield	Lowest Year	2017	10-yr Avg.	Highest Yield	Highest Year	Lowest Yield	Lowest Year
Buena Vista	188	180	203	2015	148	2012	56	52	60	2016	43	2012
Cherokee	204	192	220	2016	159	2012	62	57	70	2016	51	2012
Clay	197	183	203	2015	166	2014	57	53	62	2016	44	2013
Dickinson	196	176	196	2017	158	2014	57	50	57	2017	44	2014
Emmet	210	182	210	2017	165	2014	58	50	59	2016	41	2013
Lyon	219	191	219	2017	162	2012	63	57	66	2016	51	2008
O'Brien	214	193	214	2017	160	2012	62	57	64	2016	51	2012
Osceola	212	189	212	2017	170	2012	59	53	60	2015	48	2008
Palo Alto	195	181	198	2015	165	2014	57	51	60	2016	40	2013
Plymouth	193	183	209	2016	110	2012	59	55	66	2016	37	2012
Pocahontas	191	183	207	2016	164	2013	58	51	61	2016	41	2013
Sioux	221	193	221	2017	143	2012	65	59	66	2016	48	2012
District average	203	186	206	2016	155	2012	60	54	63	2016	47	2012

NORTH CENTRAL DISTRICT	Corn Yields						Soybean Yields					
	2017	10-yr Avg.	Highest Yield	Highest Year	Lowest Yield	Lowest Year	2017	10-yr Avg.	Highest Yield	Highest Year	Lowest Yield	Lowest Year
Butler	211	181	211	2017	122	2012	55	51	60	2016	40	2012
Cerro Gordo	209	173	209	2017	125	2012	55	50	59	2015	40	2013
Floyd	203	176	203	2017	123	2012	54	50	58	2016	41	2012
Franklin	206	180	206	2017	150	2012	57	51	61	2016	45	2012
Hancock	200	180	201	2015	143	2012	57	52	62	2016	41	2012
Humboldt	201	178	206	2016	146	2012	58	51	61	2016	43	2012
Kossuth	206	185	206	2017	165	2012	60	52	63	2016	43	2013
Mitchell	213	181	213	2017	131	2012	54	50	61	2016	41	2013
Winnebago	211	181	211	2017	149	2013	59	51	63	2016	39	2013
Worth	199	179	202	2015	143	2012	54	50	59	2015	41	2013
Wright	207	178	207	2017	150	2010	57	50	59	2015	42	2010
District average	206	180	206	2017	144	2012	57	51	61	2016	44	2013

Source: USDA National Agricultural Statistics Service, Iowa Office, [https://www.nass.usda.gov/Statistics by State/Iowa/index.php](https://www.nass.usda.gov/Statistics_by_State/Iowa/index.php)

Table 1. Corn and soybean yields by county and district, 2008-2017 (bu./acre), cont.

NORTHEAST DISTRICT	Corn Yields						Soybean Yields					
	2017	10-yr Avg.	Highest Yield	Year	Lowest Yield	Year	2017	10-yr Avg.	Highest Yield	Year	Lowest Yield	Year
Allamakee	191	176	205	2016	154	2012	52	51	57	2016	42	2008
Black Hawk	209	176	209	2017	126	2012	59	52	62	2016	45	2012
Bremer	213	182	213	2017	133	2012	56	53	62	2016	45	2008
Buchanan	221	179	221	2017	140	2012	55	52	60	2016	44	2009
Chickasaw	194	176	207	2016	126	2012	50	50	56	2016	44	2012
Clayton	214	184	214	2017	153	2012	59	55	63	2016	49	2009
Delaware	218	180	218	2017	130	2012	63	54	64	2016	45	2012
Dubuque	215	185	215	2017	149	2012	59	55	59	2017	45	2008
Fayette	208	178	208	2017	151	2012	56	52	62	2016	43	2009
Howard	202	178	202	2016	138	2012	51	50	60	2015	41	2013
Winneshiek	200	181	211	2016	141	2012	54	51	58	2016	45	2009
District average	209	180	209	2017	140	2012	56	52	60	2016	46	2008
WEST CENTRAL DISTRICT	2017	10-yr Avg.	Highest Yield	Year	Lowest Yield	Year	2017	10-yr Avg.	Highest Yield	Year	Lowest Yield	Year
Audubon	211	177	211	2017	115	2012	57	53	62	2016	39	2012
Calhoun	195	176	207	2016	133	2013	57	50	62	2016	36	2013
Carroll	211	178	211	2017	105	2012	60	52	60	2017	40	2012
Crawford	222	187	222	2017	131	2012	61	55	64	2016	46	2012
Greene	202	174	206	2016	125	2012	56	50	64	2016	37	2013
Guthrie	198	165	198	2016	113	2012	59	49	59	2017	38	2012
Harrison	193	176	205	2016	131	2012	53	48	58	2016	37	2012
Ida	216	193	216	2016	151	2012	62	56	68	2016	50	2008
Monona	196	170	201	2009	115	2012	57	49	57	2017	36	2012
Sac	195	181	214	2016	131	2012	57	53	63	2016	43	2013
Shelby	207	186	215	2016	138	2012	58	54	61	2016	44	2012
Woodbury	201	179	204	2016	135	2012	58	51	61	2016	42	2012
District average	204	179	206	2016	127	2012	58	52	61	2016	41	2012
CENTRAL DISTRICT	2017	10-yr Avg.	Highest Yield	Year	Lowest Yield	Year	2017	10-yr Avg.	Highest Yield	Year	Lowest Yield	Year
Boone	192	177	208	2016	147	2012	56	50	60	2016	42	2013
Dallas	187	171	204	2016	129	2012	54	51	59	2016	40	2012
Grundy	217	187	217	2017	162	2012	63	57	65	2016	51	2009
Hamilton	195	172	209	2016	135	2013	57	49	61	2016	38	2013
Hardin	214	180	214	2017	157	2013	59	53	60	2016	46	2009
Jasper	205	181	215	2016	151	2012	60	54	60	2016	43	2013
Marshall	222	185	222	2017	158	2012	63	56	63	2017	47	2013
Polk	200	169	200	2017	139	2010	57	50	57	2017	43	2013
Poweshiek	215	181	215	2017	152	2012	56	53	58	2009	43	2013
Story	200	173	212	2016	137	2013	57	50	58	2016	40	2013
Tama	221	182	221	2017	159	2013	59	55	64	2016	47	2013
Webster	198	178	201	2015	138	2013	57	50	58	2016	39	2013
District average	206	178	208	2016	151	2012	58	53	60	2016	44	2013

Table 1. Corn and soybean yields by county and district, 2008-2017 (bu./acre), cont.

EAST CENTRAL DISTRICT	Corn Yields						Soybean Yields					
	2017	10-yr Avg.	Highest Yield	Year	Lowest Yield	Year	2017	10-yr Avg.	Highest Yield	Year	Lowest Yield	Year
Benton	215	178	215	2017	129	2012	57	54	61	2016	47	2013
Cedar	222	187	222	2017	159	2012	59	56	62	2011	49	2008
Clinton	213	186	214	2016	140	2012	59	55	62	2011	48	2008
Iowa	217	180	217	2017	136	2012	56	53	57	2016	43	2013
Jackson	202	175	202	2017	115	2012	59	54	61	2016	47	2008
Johnson	213	175	213	2017	132	2012	56	51	56	2016	46	2008
Jones	217	179	217	2017	127	2012	55	54	60	2011	47	2008
Linn	217	179	217	2017	124	2012	56	52	60	2016	46	2012
Muscatine	207	173	207	2017	145	2010	60	53	61	2016	45	2008
Scott	220	182	220	2017	132	2012	63	57	64	2016	50	2012
District average	215	180	215	2017	135	2012	58	54	60	2016	48	2008

SOUTHWEST DISTRICT*	2017	10-yr Avg.	Highest Yield	Year	Lowest Yield	Year	2017	10-yr Avg.	Highest Yield	Year	Lowest Yield	Year
	Adair	175	160	190	2016	104	2012	50	49	59	2016	37
Adams	180	158	187	2016	110	2012	52	48	57	2016	39	2008
Cass	197	173	197	2017	120	2012	56	52	60	2016	37	2012
Fremont	205	169	205	2017	131	2012	60	50	60	2017	41	2012
Mills	190	170	193	2009	129	2012	55	50	56	2016	38	2012
Montgomery	199	168	199	2017	132	2012	56	49	58	2016	38	2008
Page	193	160	193	2017	116	2012	55	48	58	2016	38	2008
Pottawattamie	196	180	210	2016	132	2012	57	51	61	2016	35	2012
Taylor	175	143	179	2014	92	2012	52	44	52	2017	34	2008
District average	192	168	192	2017	121	2012	55	49	58	2016	39	2012

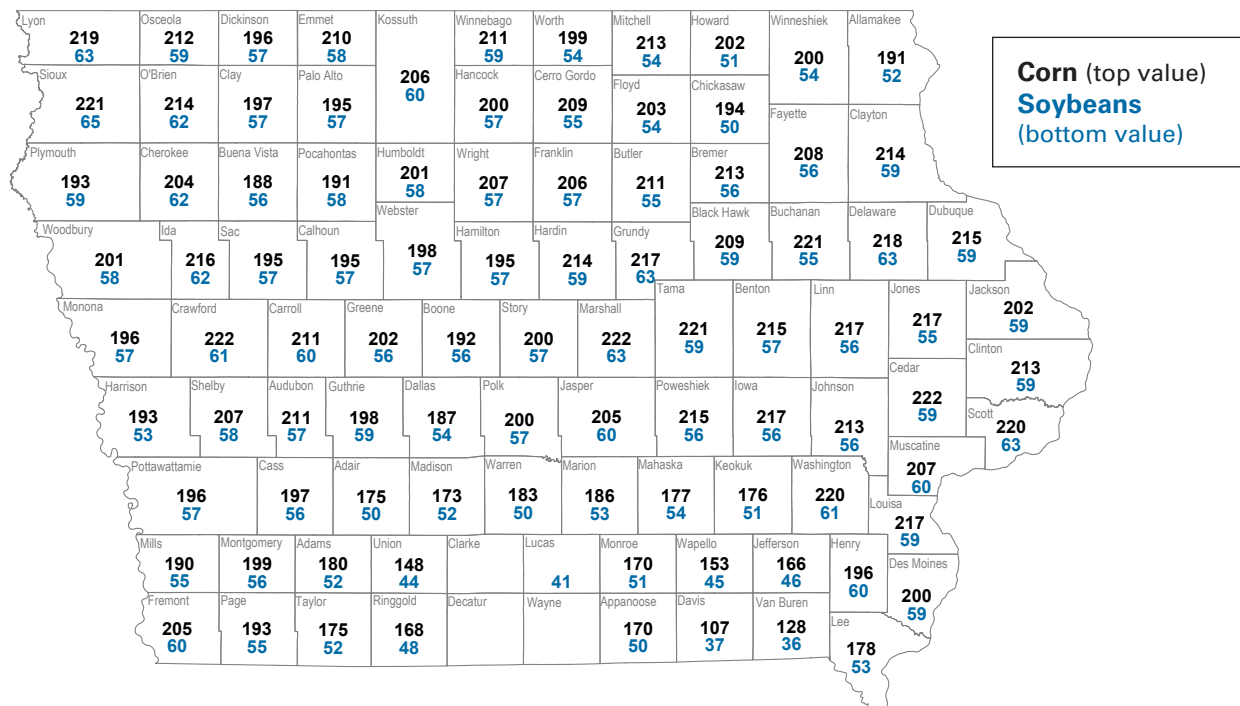
SOUTH CENTRAL DISTRICT*	2017	10-yr Avg.	Highest Yield	Year	Lowest Yield	Year	2017	10-yr Avg.	Highest Yield	Year	Lowest Yield	Year
	Appanoose	170	130	186	2016	45	2012	50	41	56	2016	25
Clarke		125	164	2016	77	2012		40	50	2016	27	2008
Decatur		131	181	2016	61	2012		41	57	2016	32	2008
Lucas		125	175	2016	71	2010	41	41	54	2016	29	2008
Madison	173	155	186	2016	101	2012	52	47	57	2016	37	2012
Marion	186	158	198	2016	113	2010	53	50	57	2016	45	2013
Monroe	170	132	180	2016	67	2012	51	44	57	2016	29	2013
Ringgold	168	132	180	2016	72	2012	48	42	52	2016	27	2008
Union	148	142	183	2016	87	2012	44	46	56	2016	33	2012
Warren	183	149	185	2016	102	2010	50	48	54	2016	42	2008
Wayne		126	175	2016	56	2012		40	54	2016	28	2012
Other (combined)	130						45					
District average	160	141	183	2016	85	2012	48	44	55	2016	36	2008

*For 2015, corn yields were not disclosed for Union and Monroe counties, and corn and soybean yields were not disclosed for Mills and Taylor counties. For 2017, corn yields were not disclosed for Lucas County, and corn and soybean yields were not disclosed for Clarke, Decatur, and Wayne counties.

Table 1. Corn and soybean yields by county and district, 2008-2017 (bu./acre), cont.

SOUTHEAST DISTRICT	Corn Yields						Soybean Yields					
	2017	10-yr Avg.	Highest Yield	Year	Lowest Yield	Year	2017	10-yr Avg.	Highest Yield	Year	Lowest Yield	Year
Davis	107	129	189	2016	52	2012	37	41	57	2016	29	2012
Des Moines	200	171	210	2016	112	2010	59	52	60	2016	47	2013
Henry	196	163	199	2016	109	2010	60	52	60	2017	45	2011
Jefferson	166	151	201	2014	99	2010	46	47	55	2016	41	2013
Keokuk	176	162	209	2016	111	2010	51	50	57	2016	41	2013
Lee	178	153	201	2014	103	2010	53	48	61	2016	39	2013
Louisa	217	172	217	2017	125	2010	59	52	59	2017	42	2013
Mahaska	177	171	205	2016	117	2010	54	52	59	2016	45	2013
Van Buren	128	141	192	2014	91	2010	36	44	57	2016	35	2011
Wapello	153	147	197	2016	93	2012	45	46	58	2016	41	2013
Washington	220	175	220	2017	132	2012	61	53	61	2017	45	2013
District average	182	161	201	2016	111	2010	52	49	58	2016	43	2013
STATE AVERAGE	202	177	203	2016	137	2012	57	51	60	2016	45	2012

Figure 1. 2017 county yields (bushels per acre)



Source: USDA National Agricultural Statistics Service, Iowa Office, https://www.nass.usda.gov/Statistics_by_State/Iowa/index.php

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