

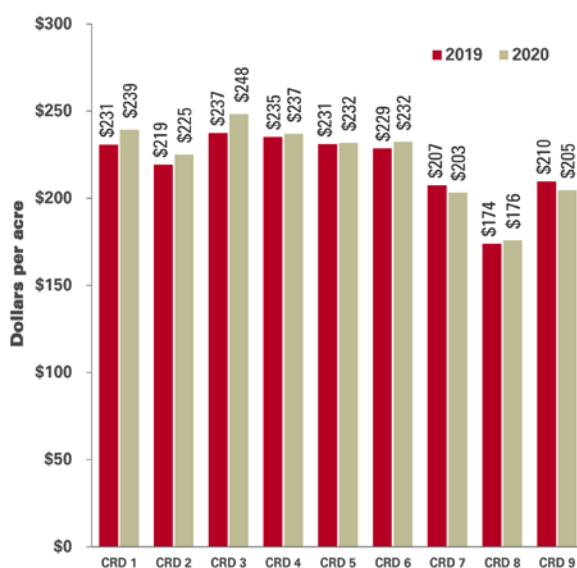
Cash Rental Rates for Iowa 2020 Survey

The cash rental rate information presented in this publication is from a survey of farmers, landowners, agricultural lenders, and professional farm managers. They supplied information based on their best judgments about **typical cash rental rates** for high, medium, and low quality cropland in their counties, as well as for land devoted to production of hay, oat, and pasture. **Information about rents for individual farms was not collected.** The rental rates summarized in this publication do not include the value of any buildings or storage structures, manure application contracts, or seed production contracts. Oat, hay, and pasture rents are only available at the district level.

The cooperation and assistance of the landowners, farmers, and agribusiness people who responded to this survey are greatly appreciated. The distribution of the 1,592 responses was 43% from farm operators, 32% from landowners, 13% from professional farm managers and realtors, 6% from agricultural lenders, and 6% from other professions and respondents who chose not to report their status. Respondents indicated being familiar with 1.6 million cash rented acres across the state.

Additional survey information about cash rental rates by county is available from the [United States Department of Agriculture National Agricultural Statistics Service \(NASS\)](https://www.nass.usda.gov/Statistics_by_State/Iowa/Publications/County_Estimates/index.php) (www.nass.usda.gov/Statistics_by_State/Iowa/Publications/County_Estimates/index.php).

Figure 1. Comparison of average cash rent by crop reporting district (CRD), 2019-2020



Determining Cash Rents

This summary can be used as a reference point for determining an appropriate cash rental rate for a particular farm. The following may justify a higher or lower than average rent in specific cases:

- Small size or unusual shape of fields
- Terraces or creeks that affect the time it takes to plant and harvest crops
- Difficult or restricted access to fields
- High or low fertility levels or pH index
- Existence of contracts for growing seed or specialty grains, or manure application
- Above-average local grain prices due to proximity to biofuel plants or feed mills
- USDA program variables, such as crop bases and assigned yields
- Longevity of the lease
- Other services performed by the tenant

Resources for further details on rental agreements can be found on the [Ag Decision Maker Leasing](#) page, located under [Whole Farm, Leasing](#) (www.extension.iastate.edu/agdm/wdleasing.html).

- [Computing a Cropland Cash Rental Rate](https://store.extension.iastate.edu/Product/1818.pdf) (<https://store.extension.iastate.edu/Product/1818.pdf>)
- [Computing a Pasture Rental Rate](http://www.extension.iastate.edu/agdm/wholefarm/pdf/c2-23.pdf) (www.extension.iastate.edu/agdm/wholefarm/pdf/c2-23.pdf)
- [Flexible Farm Lease Agreements](https://store.extension.iastate.edu/Product/1794.pdf) (<https://store.extension.iastate.edu/Product/1794.pdf>)

Definitions

Number of responses – number of individuals who reported typical rental rates for each county.

2015-2019 average yields – based on available farm level data collected by USDA National Agricultural Statistics Service (NASS) for each county.

Average row crop CSR2 index – average corn suitability rating 2 (CSR2) for the highest rated soils in each county, up to 110% of the number of acres planted to corn and soybeans in that county. Note: CSR2 values, updated in 2020, are based on the USDA NRCS [Web Soil Survey](https://websoilsurvey.sc.egov.usda.gov) (<https://websoilsurvey.sc.egov.usda.gov>).

High, medium, and low quality third land – quality of land planted to corn and soybeans, using typical corn yields collected by USDA NASS as a reference for land quality within the county.

Typical corn yields – average yields for the high third, medium third, and low third productivity farms in each county, special tabulation by USDA NASS, 2011-2015.

Average rents per unit – overall average rent for corn and soybean land in each county, divided by the 5-year average corn yield, the 5-year average soybean yield, and the average row crop CSR2 index value for each county.

Improved permanent pasture – pasture that contains both grasses and legumes and is regularly fertilized.

Unimproved pasture – pasture with mainly bluegrass that receives little fertilizer or renovation.

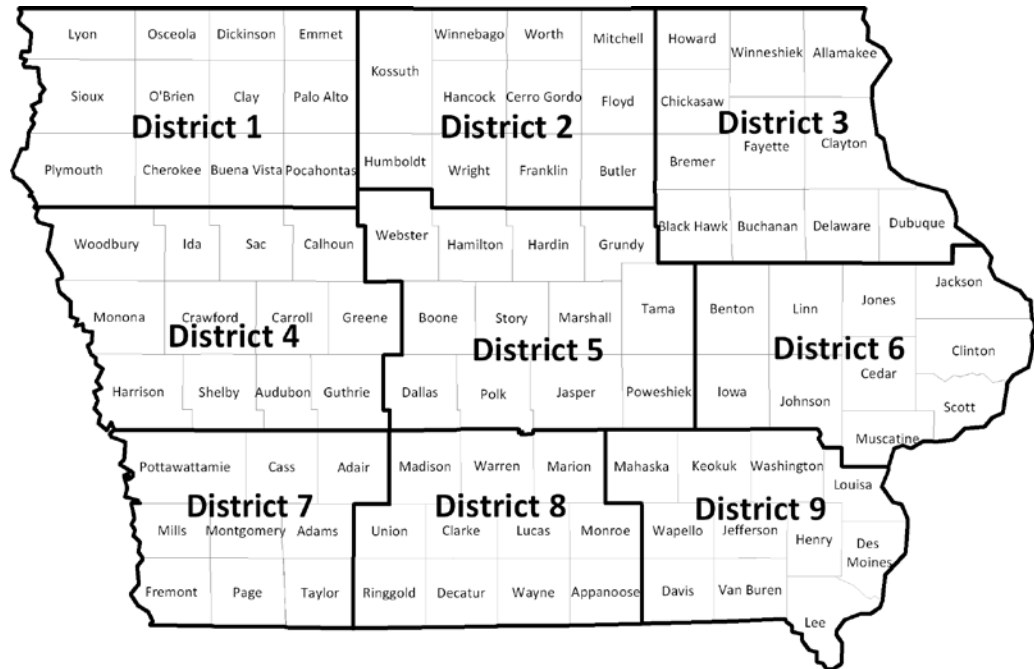
Pasture, \$/Animal Unit Month (AUM) – rent charged per animal unit month. One AUM is equal to one beef cow or its equivalent grazing for one month.

Cornstalk grazing – includes grazing of cornstalks in fall or winter, but not mechanical harvesting.

Hunting rights – rent charged to allow hunting on land, per year.

**Overall Average of Typical Cash Rents 2016-2020
Corn and Soybean Acres (\$ per tillable acre)**

	2016	2017	2018	2019	2020
District 1	\$248	\$234	\$237	\$231	\$239
District 2	243	218	225	219	225
District 3	250	241	244	237	248
District 4	245	231	236	235	237
District 5	239	228	237	231	232
District 6	242	231	235	229	232
District 7	220	206	207	207	203
District 8	183	180	174	174	176
District 9	203	204	203	210	205
State	\$230	\$219	\$222	\$219	\$222



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2020 CASH RENTAL RATE SURVEY FOR CROP REPORTING DISTRICT 1

County	District 1 Average	Buena Vista	Cherokee	Clay	Dickinson	Emmet	Lyon	O'Brien	Osceola	Palo Alto	Plymouth	Pocahontas	Sioux
Number of responses ^{1/}	219	17	21	18	12	12	15	16	10	20	40	21	17
2015-2019 average corn yield	198	195	211	189	182	192	200	207	197	189	207	196	208
2015-2019 average soybean yield	59	57	64	57	54	56	61	61	57	56	62	57	64
Average row crop CSR2 index	85	86	90	86	87	81	80	94	86	82	82	82	88
Typical Cash Rent for Corn and Soybean, \$ per tillable acre													
Overall average	\$239	\$242	\$271	\$219	\$212	\$209	\$252	\$259	\$244	\$232	\$233	\$226	\$273
High quality third													
Average response	\$269	\$265	\$294	\$257	\$248	\$231	\$283	\$287	\$278	\$258	\$270	\$251	\$314
Range of responses		220-325	250-360	220-300	175-290	180-295	210-315	240-330	230-325	230-310	180-350	200-300	275-400
Medium quality third													
Average response	\$239	\$245	\$273	\$216	\$208	\$212	\$262	\$258	\$243	\$233	\$223	\$225	\$276
Range of responses		190-290	225-320	175-275	155-250	160-260	200-290	190-310	185-310	200-265	165-280	180-260	220-350
Low quality third													
Average response	\$209	\$216	\$246	\$185	\$179	\$184	\$213	\$233	\$210	\$205	\$206	\$203	\$228
Range of responses		180-250	200-275	150-230	135-220	140-220	165-250	175-270	160-265	135-250	130-270	155-240	200-275
Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2011-2015													
High third	199	200	200	200	190	193	200	202	200	200	200	199	205
Middle third	177	175	180	175	168	175	180	185	181	175	170	177	185
Low third	150	140	152	150	147	152	160	160	160	155	124	150	150
Average Rents per 5-year Average Yield or CSR2													
Rent per bushel of corn yield	\$1.21	\$1.24	\$1.28	\$1.16	\$1.16	\$1.09	\$1.26	\$1.25	\$1.24	\$1.23	\$1.13	\$1.15	\$1.31
Rent per bushel of soybean yield	\$4.06	\$4.25	\$4.23	\$3.84	\$3.93	\$3.73	\$4.13	\$4.25	\$4.28	\$4.14	\$3.76	\$3.96	\$4.27
Rent per CSR2 index point	\$2.81	\$2.81	\$3.01	\$2.55	\$2.44	\$2.58	\$3.15	\$2.76	\$2.84	\$2.83	\$2.84	\$2.76	\$3.10

^{1/}Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.

2020 CASH RENTAL RATE SURVEY FOR CROP REPORTING DISTRICT 2

County	District 2 Average	Butler	Cerro Gordo	Floyd	Franklin	Hancock	Humboldt	Kossuth	Mitchell	Winnebago	Worth	Wright
Number of responses ^{1/}	207	16	18	14	20	26	10	24	16	17	20	26
2015-2019 average corn yield	198	207	195	197	204	194	193	198	200	198	194	197
2015-2019 average soybean yield	57	57	55	55	58	56	56	59	56	58	55	56
Average row crop CSR2 index	79	80	79	83	81	76	81	79	83	74	77	79
Typical Cash Rent for Corn and Soybean, \$ per tillable acre												
Overall average	\$225	\$250	\$218	\$216	\$230	\$229	\$218	\$239	\$219	\$211	\$220	\$225
High quality third												
Average response	\$256	\$293	\$261	\$250	\$255	\$262	\$245	\$260	\$247	\$245	\$251	\$253
Range of responses		260-325	175-305	190-325	200-310	210-300	210-260	200-350	190-300	200-290	175-300	210-300
Medium quality third												
Average response	\$225	\$245	\$217	\$215	\$232	\$225	\$223	\$244	\$218	\$210	\$221	\$222
Range of responses		200-285	160-265	170-270	185-250	175-260	180-240	180-300	180-260	175-250	160-260	180-275
Low quality third												
Average response	\$194	\$211	\$176	\$184	\$202	\$201	\$188	\$213	\$191	\$179	\$189	\$201
Range of responses		170-245	120-220	150-215	150-230	135-240	150-200	150-270	150-240	140-230	120-225	160-250
Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2011-2015												
High third	196	195	187	200	200	196	199	200	192	192	200	200
Middle third	171	170	162	170	175	174	178	175	165	170	171	175
Low third	136	118	120	128	150	144	141	155	130	130	130	150
Average Rents per 5-year Average Yield or CSR2												
Rent per bushel of corn yield	\$1.14	\$1.21	\$1.12	\$1.10	\$1.13	\$1.18	\$1.13	\$1.21	\$1.10	\$1.07	\$1.13	\$1.14
Rent per bushel of soybean yield	\$3.99	\$4.39	\$3.96	\$3.93	\$3.97	\$4.09	\$3.89	\$4.05	\$3.91	\$3.64	\$4.00	\$4.02
Rent per CSR2 index point	\$2.84	\$3.13	\$2.76	\$2.60	\$2.84	\$3.01	\$2.69	\$3.03	\$2.64	\$2.85	\$2.86	\$2.85

^{1/}Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.

2020 CASH RENTAL RATE SURVEY FOR CROP REPORTING DISTRICT 3

County	District 3		Black	Bremer	Buchanan	Chickasaw	Clayton	Delaware	Dubuque	Fayette	Howard	Winneshiek
	Average	Allamakee	Hawk									
Number of responses ^{1/}	146	6	22	15	17	14	9	18	11	14	11	9
2015-2019 average corn yield	203	191	204	210	209	202	203	209	210	201	197	199
2015-2019 average soybean yield	57	54	58	58	57	54	59	62	60	57	55	55
Average row crop CSR2 index	79	76	86	84	83	83	68	77	69	81	83	77
Typical Cash Rent for Corn and Soybean, \$ per tillable acre												
Overall average	\$248	\$225	\$251	\$257	\$249	\$242	\$240	\$276	\$289	\$271	\$200	\$233
High quality third												
Average response	\$288	\$262	\$286	\$299	\$287	\$294	\$285	\$317	\$331	\$310	\$229	\$273
Range of responses		220-285	235-325	250-325	200-350	250-340	235-350	250-390	275-380	275-340	190-290	225-300
Medium quality third												
Average response	\$248	\$229	\$254	\$250	\$246	\$236	\$239	\$275	\$294	\$268	\$204	\$236
Range of responses		200-250	200-300	200-290	185-300	205-275	200-300	225-320	250-370	225-310	160-225	200-270
Low quality third												
Average response	\$208	\$184	\$211	\$221	\$215	\$197	\$196	\$235	\$241	\$234	\$167	\$191
Range of responses		160-225	150-265	190-260	150-250	150-225	145-250	200-275	200-320	205-275	135-210	150-240
Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2011-2015												
High third	197	190	195	200	194	196	200	200	205	200	190	200
Middle third	171	158	168	175	170	170	168	180	175	175	170	175
Low third	134	130	124	150	140	120	135	145	131	140	129	135
Average Rents per 5-year Average Yield or CSR2												
Rent per bushel of corn yield	\$1.22	\$1.18	\$1.23	\$1.22	\$1.19	\$1.20	\$1.18	\$1.32	\$1.38	\$1.35	\$1.02	\$1.17
Rent per bushel of soybean yield	\$4.34	\$4.17	\$4.33	\$4.43	\$4.37	\$4.48	\$4.07	\$4.45	\$4.82	\$4.75	\$3.64	\$4.24
Rent per CSR2 index point	\$3.18	\$2.96	\$2.92	\$3.06	\$3.00	\$2.92	\$3.53	\$3.58	\$4.19	\$3.35	\$2.41	\$3.03

^{1/}Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.

2020 CASH RENTAL RATE SURVEY FOR CROP REPORTING DISTRICT 4

County	District 4												
	Average	Audubon	Calhoun	Carroll	Crawford	Greene	Guthrie	Harrison	Ida	Monona	Sac	Shelby	Woodbury
Number of responses ^{1/}	200	8	25	14	16	18	22	18	13	14	19	19	14
2015-2019 average corn yield	203	201	198	208	217	200	193	191	214	187	210	205	209
2015-2019 average soybean yield	58	58	57	59	62	57	56	54	63	55	60	58	58
Average row crop CSR2 index	78	77	84	80	73	82	83	73	81	71	86	72	73
Typical Cash Rent for Corn and Soybean, \$ per tillable acre													
Overall average	\$237	\$225	\$229	\$248	\$252	\$239	\$206	\$239	\$268	\$234	\$239	\$218	\$246
Irrigated land average	\$263									\$256			\$278
High quality third													
Average response	\$267	\$258	\$257	\$275	\$278	\$262	\$236	\$273	\$299	\$270	\$268	\$249	\$277
Range of responses		220-300	190-320	225-350	240-330	215-325	176-300	240-300	275-330	240-285	240-300	200-320	225-350
Medium quality third													
Average response	\$238	\$225	\$229	\$256	\$259	\$246	\$205	\$235	\$265	\$233	\$237	\$221	\$249
Range of responses		200-250	175-290	205-320	235-290	200-285	150-270	200-275	225-300	190-275	210-280	200-250	200-315
Low quality third													
Average response	\$206	\$191	\$202	\$214	\$219	\$210	\$176	\$210	\$241	\$199	\$213	\$183	\$213
Range of responses		175-210	140-250	170-275	180-260	160-240	110-240	190-250	200-275	150-225	170-250	140-205	185-250
Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2011-2015													
High third	195	196	195	198	200	190	176	190	200	190	200	200	200
Middle third	170	170	167	175	175	168	150	170	180	160	174	180	170
Low third	132	130	125	125	140	126	120	140	146	118	132	141	135
Average Rents per 5-year Average Yield or CSR2													
Rent per bushel of corn yield	\$1.17	\$1.12	\$1.16	\$1.19	\$1.16	\$1.20	\$1.07	\$1.25	\$1.25	\$1.25	\$1.14	\$1.06	\$1.18
Rent per bushel of soybean yield	\$4.08	\$3.88	\$4.02	\$4.20	\$4.06	\$4.19	\$3.68	\$4.43	\$4.25	\$4.25	\$3.98	\$3.76	\$4.24
Rent per CSR2 index point	\$3.05	\$2.92	\$2.73	\$3.10	\$3.45	\$2.91	\$2.48	\$3.27	\$3.31	\$3.30	\$2.78	\$3.03	\$3.37

^{1/}Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.

2020 CASH RENTAL RATE SURVEY FOR CROP REPORTING DISTRICT 5

County	District 5												
	Average	Boone	Dallas	Grundy	Hamilton	Hardin	Jasper	Marshall	Polk	Poweshiek	Story	Tama	Webster
Number of responses ^{1/}	259	30	23	21	20	25	14	19	17	16	34	19	21
2015-2019 average corn yield	203	196	189	210	198	208	209	215	194	209	196	210	198
2015-2019 average soybean yield	57	56	55	61	55	58	59	62	54	56	54	59	54
Average row crop CSR2 index	84	85	88	88	80	84	80	82	89	79	86	85	78
Typical Cash Rent for Corn and Soybean, \$ per tillable acre													
Overall average	\$232	\$224	\$232	\$272	\$224	\$229	\$226	\$231	\$224	\$217	\$233	\$250	\$220
High quality third													
Average response	\$261	\$246	\$260	\$300	\$249	\$257	\$250	\$268	\$258	\$255	\$261	\$290	\$245
Range of responses		200-300	235-300	240-350	200-300	225-290	220-290	200-325	230-300	205-325	200-320	230-325	180-285
Medium quality third													
Average response	\$232	\$226	\$225	\$275	\$228	\$230	\$229	\$233	\$223	\$214	\$234	\$250	\$224
Range of responses		175-275	180-280	215-320	200-250	200-255	200-265	190-275	190-260	190-245	165-285	200-300	175-270
Low quality third													
Average response	\$201	\$199	\$210	\$242	\$196	\$200	\$200	\$192	\$192	\$182	\$203	\$209	\$191
Range of responses		150-250	165-250	190-290	180-240	185-225	185-235	135-260	150-220	150-210	130-250	135-275	150-225
Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2011-2015													
High third	195	190	190	204	190	200	197	200	195	190	187	200	200
Middle third	170	170	163	180	170	175	170	175	165	170	165	166	172
Low third	136	125	130	134	139	143	150	147	130	130	130	135	137
Average Rents per 5-year Average Yield or CSR2													
Rent per bushel of corn yield	\$1.14	\$1.14	\$1.23	\$1.30	\$1.13	\$1.10	\$1.08	\$1.07	\$1.15	\$1.04	\$1.19	\$1.19	\$1.11
Rent per bushel of soybean yield	\$4.08	\$4.00	\$4.22	\$4.46	\$4.07	\$3.95	\$3.83	\$3.73	\$4.15	\$3.88	\$4.31	\$4.24	\$4.07
Rent per CSR2 index point	\$2.77	\$2.64	\$2.64	\$3.09	\$2.80	\$2.73	\$2.83	\$2.82	\$2.52	\$2.75	\$2.71	\$2.94	\$2.82

^{1/}Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.

2020 CASH RENTAL RATE SURVEY FOR CROP REPORTING DISTRICT 6

County	District 6 Average	Benton	Cedar	Clinton	Iowa	Jackson	Johnson	Jones	Linn	Muscatine	Scott
Number of responses ^{1/}	168	24	24	19	11	16	14	18	17	14	11
2015-2019 average corn yield	203	203	208	204	206	197	197	203	209	194	207
2015-2019 average soybean yield	59	59	60	59	56	59	57	58	57	59	63
Average row crop CSR2 index	81	86	86	74	79	67	85	77	87	83	89
Typical Cash Rent for Corn and Soybean, \$ per tillable acre											
Overall average	\$232	\$246	\$216	\$244	\$223	\$243	\$209	\$240	\$240	\$217	\$245
High quality third											
Average response	\$272	\$280	\$252	\$285	\$257	\$287	\$246	\$287	\$279	\$259	\$293
Range of responses		220-360	190-310	215-350	195-360	225-375	180-300	225-325	240-320	190-340	215-350
Medium quality third											
Average response	\$233	\$246	\$215	\$252	\$222	\$241	\$211	\$238	\$240	\$225	\$244
Range of responses		180-310	160-265	185-300	165-330	200-325	160-250	180-285	200-290	170-265	200-285
Low quality third											
Average response	\$191	\$211	\$182	\$195	\$190	\$201	\$170	\$196	\$201	\$167	\$198
Range of responses		135-250	110-250	150-240	120-230	150-250	115-215	140-230	160-250	105-220	180-220
Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2011-2015											
High third	196	196	200	200	200	200	195	190	192	191	200
Middle third	170	170	175	175	170	170	168	165	165	167	170
Low third	129	131	150	130	121	120	130	125	120	135	130
Average Rents per 5-year Average Yield or CSR2											
Rent per bushel of corn yield	\$1.15	\$1.21	\$1.04	\$1.20	\$1.08	\$1.23	\$1.06	\$1.18	\$1.15	\$1.12	\$1.18
Rent per bushel of soybean yield	\$3.96	\$4.17	\$3.60	\$4.14	\$3.98	\$4.12	\$3.67	\$4.14	\$4.21	\$3.68	\$3.89
Rent per CSR2 index point	\$2.88	\$2.86	\$2.51	\$3.30	\$2.82	\$3.63	\$2.46	\$3.12	\$2.76	\$2.61	\$2.75

^{1/}Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.

2020 CASH RENTAL RATE SURVEY FOR CROP REPORTING DISTRICT 7

County	District 7 Average	Adair	Adams	Cass	Fremont	Mills	Montgomery	Page	Pottawattamie	Taylor
Number of responses ^{1/}	132	23	9	22	6	16	17	9	21	9
2015-2019 average corn yield	186	174	177	191	190	194	193	185	205	163
2015-2019 average soybean yield	55	54	53	57	55	56	55	54	59	51
Average row crop CSR2 index	80	79	79	79	81	82	79	80	79	81
Typical Cash Rent for Corn and Soybean, \$ per tillable acre										
Overall average	\$203	\$186	\$202	\$211	\$184	\$229	\$216	\$199	\$220	\$183
High quality third										
Average response	\$235	\$218	\$236	\$244	\$215	\$267	\$242	\$232	\$242	\$215
Range of responses		175-280	190-275	215-300	180-270	225-310	200-290	175-295	200-280	170-250
Medium quality third										
Average response	\$204	\$185	\$201	\$214	\$193	\$228	\$218	\$198	\$220	\$179
Range of responses		150-250	165-250	175-250	150-250	180-250	195-260	165-225	200-255	160-200
Low quality third										
Average response	\$171	\$157	\$168	\$174	\$145	\$193	\$187	\$166	\$199	\$155
Range of responses		100-210	130-200	125-200	140-150	155-220	165-230	150-175	175-220	145-180
Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2011-2015										
High third	184	175	175	188	200	180	190	180	198	171
Middle third	153	141	150	156	165	150	164	146	170	135
Low third	116	104	105	124	130	120	122	110	133	95
Average Rents per 5-year Average Yield or CSR2										
Rent per bushel of corn yield	\$1.09	\$1.07	\$1.14	\$1.10	\$0.97	\$1.18	\$1.12	\$1.08	\$1.07	\$1.12
Rent per bushel of soybean yield	\$3.70	\$3.44	\$3.81	\$3.70	\$3.35	\$4.09	\$3.93	\$3.69	\$3.73	\$3.59
Rent per CSR2 index point	\$2.55	\$2.35	\$2.56	\$2.67	\$2.27	\$2.79	\$2.73	\$2.49	\$2.78	\$2.26

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2020 CASH RENTAL RATE SURVEY FOR CROP REPORTING DISTRICT 8

County	District 8 Average	Appanoose and Monroe	Clarke	Decatur	Lucas	Madison	Marion	Ringgold	Union	Warren	Wayne
Number of responses ^{1/}	121	7	22	10	9	17	14	10	7	13	12
2015-2019 average corn yield	169	170	159	172	165	174	185	162	164	175	164
2015-2019 average soybean yield	50	52	46	51	47	53	56	48	50	52	50
Average row crop CSR2 index	78	78	77	75	73	86	80	76	85	85	66
Typical Cash Rent for Corn and Soybean, \$ per tillable acre											
Overall average	\$176	\$176	\$194	\$144	\$156	\$180	\$175	\$176	\$219	\$187	\$152
High quality third											
Average response	\$208	\$210	\$220	\$172	\$183	\$217	\$217	\$203	\$258	\$221	\$181
Range of responses		195-225	150-275	150-195	145-225	180-275	175-275	180-235	250-280	190-250	150-220
Medium quality third											
Average response	\$175	\$176	\$197	\$139	\$157	\$180	\$176	\$174	\$221	\$182	\$147
Range of responses		160-190	120-235	100-175	110-180	150-220	145-210	150-200	220-225	140-210	100-190
Low quality third											
Average response	\$145	\$141	\$165	\$120	\$130	\$142	\$132	\$153	\$177	\$159	\$127
Range of responses		125-150	90-205	100-130	80-165	90-175	110-150	120-175	150-200	130-190	80-180
Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2011-2015											
High third	165	155	160	170	160	176	185	150	160	175	156
Middle third	131	113	120	130	125	150	157	115	127	150	120
Low third	84	53	60	90	90	100	117	71	99	100	58
Average Rents per 5-year Average Yield or CSR2											
Rent per bushel of corn yield	\$1.04	\$1.04	\$1.22	\$0.84	\$0.95	\$1.03	\$0.95	\$1.09	\$1.34	\$1.07	\$0.93
Rent per bushel of soybean yield	\$3.49	\$3.38	\$4.22	\$2.82	\$3.32	\$3.40	\$3.13	\$3.67	\$4.38	\$3.60	\$3.04
Rent per CSR2 index point	\$2.25	\$2.26	\$2.52	\$1.92	\$2.14	\$2.09	\$2.19	\$2.32	\$2.58	\$2.20	\$2.30

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2020 CASH RENTAL RATE SURVEY FOR CROP REPORTING DISTRICT 9

County	District 9 Average	Davis	Des Moines	Henry	Jefferson	Keokuk	Lee	Louisa	Mahaska	Van Buren	Wapello	Washington
Number of responses ^{1/}	140	12	12	19	9	11	16	15	12	12	10	12
2015-2019 average corn yield	182	150	192	186	178	189	178	194	194	165	171	203
2015-2019 average soybean yield	55	50	59	59	53	55	56	57	57	49	53	59
Average row crop CSR2 index	79	70	84	81	79	80	75	80	81	73	81	82
Typical Cash Rent for Corn and Soybean, \$ per tillable acre												
Overall average	\$205	\$157	\$219	\$226	\$186	\$202	\$231	\$210	\$198	\$186	\$200	\$235
High quality third												
Average response	\$247	\$192	\$269	\$265	\$227	\$241	\$287	\$253	\$237	\$231	\$239	\$270
Range of responses		170-225	220-325	220-345	190-260	200-290	240-335	220-300	190-305	170-300	200-275	215-330
Medium quality third												
Average response	\$206	\$159	\$220	\$228	\$178	\$209	\$234	\$211	\$197	\$187	\$211	\$237
Range of responses		140-180	180-275	180-300	130-200	175-250	180-290	170-250	160-275	140-250	150-250	200-290
Low quality third												
Average response	\$161	\$120	\$169	\$184	\$153	\$155	\$173	\$167	\$161	\$141	\$150	\$198
Range of responses		80-150	140-225	150-225	110-195	120-180	100-240	125-225	125-225	100-175	100-200	150-250
Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2011-2015												
High third	188	160	200	190	187	200	175	198	197	180	180	200
Middle third	149	121	160	150	132	160	131	170	160	140	140	173
Low third	106	75	130	106	88	118	80	135	131	85	95	120
Average Rents per 5-year Average Yield or CSR2												
Rent per bushel of corn yield	\$1.12	\$1.05	\$1.14	\$1.22	\$1.04	\$1.07	\$1.30	\$1.08	\$1.02	\$1.13	\$1.17	\$1.16
Rent per bushel of soybean yield	\$3.70	\$3.14	\$3.71	\$3.83	\$3.51	\$3.67	\$4.13	\$3.68	\$3.47	\$3.80	\$3.77	\$3.98
Rent per CSR2 index point	\$2.60	\$2.24	\$2.61	\$2.79	\$2.35	\$2.53	\$3.08	\$2.63	\$2.44	\$2.55	\$2.47	\$2.87

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2020 CASH RENTAL RATE SURVEY SUMMARY BY CROP REPORTING DISTRICT

District	State Average	Northwest District 1 Average	North Central District 2 Average	Northeast District 3 Average	West Central District 4 Average	Central District 5 Average	East Central District 6 Average	Southwest District 7 Average	South Central District 8 Average	Southeast District 9 Average
Number of responses ^{1/}	1,592	219	207	146	200	259	168	132	121	140
2015-2019 average corn yield	198	198	198	203	203	203	203	186	169	182
2015-2019 average soybean yield	57	59	57	57	58	57	59	55	50	55
Average row crop CSR2 index	80	85	79	79	78	84	81	80	78	79
Typical Cash Rent for Corn and Soybean, \$ per tillable acre										
Overall average	\$222	\$239	\$225	\$248	\$237	\$232	\$232	\$203	\$176	\$205
Irrigated land average	\$255		\$265		\$263			\$261		\$230
High quality third										
Average response	\$256	\$269	\$256	\$288	\$267	\$261	\$272	\$235	\$208	\$247
Medium quality third										
Average response	\$222	\$239	\$225	\$248	\$238	\$232	\$233	\$204	\$175	\$206
Low quality third										
Average response	\$187	\$209	\$194	\$208	\$206	\$201	\$191	\$171	\$145	\$161
Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2011-2015										
High third	191	199	196	197	195	195	196	184	165	188
Middle third	162	177	171	171	170	170	170	153	131	149
Low third	125	150	136	134	132	136	129	116	84	106
Average Rents per 5-year Average Yield or CSR2										
Rent per bushel of corn yield	\$1.14	\$1.21	\$1.14	\$1.22	\$1.17	\$1.14	\$1.15	\$1.09	\$1.04	\$1.12
Rent per bushel of soybean yield	\$3.93	\$4.06	\$3.99	\$4.34	\$4.08	\$4.08	\$3.96	\$3.70	\$3.49	\$3.70
Rent per CSR2 index point	\$2.77	\$2.81	\$2.84	\$3.18	\$3.05	\$2.77	\$2.88	\$2.55	\$2.25	\$2.60
Typical Cash Rent for Oat, Hay, and Pasture, \$ per acre^{2/}										
Alfalfa hay, established	\$164	\$159	\$183	\$228	\$188	\$144	\$178	\$129	\$116	\$153
Grass hay, established	\$125	\$104	\$168	\$172	\$134	\$124	\$136	\$96	\$74	\$114
Oat	\$151		\$191	\$241	\$151	\$171	\$151	\$98	\$93	\$115
Improved permanent pasture	\$77	\$80	\$80	\$69	\$87	\$82	\$72	\$80	\$74	\$72
Unimproved permanent pasture	\$56	\$60	\$48	\$53	\$61	\$62	\$48	\$64	\$52	\$55
Pasture, \$/animal unit month (AUM)	\$18		\$7	\$27			\$30	\$16	\$9	
Cornstalk grazing	\$12	\$7			\$10	\$13	\$13	\$9	\$9	\$19
Hunting rights	\$15		\$20	\$17	\$17	\$12	\$14	\$12	\$16	\$15

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^{2/}No values are reported if fewer than five responses were received.