

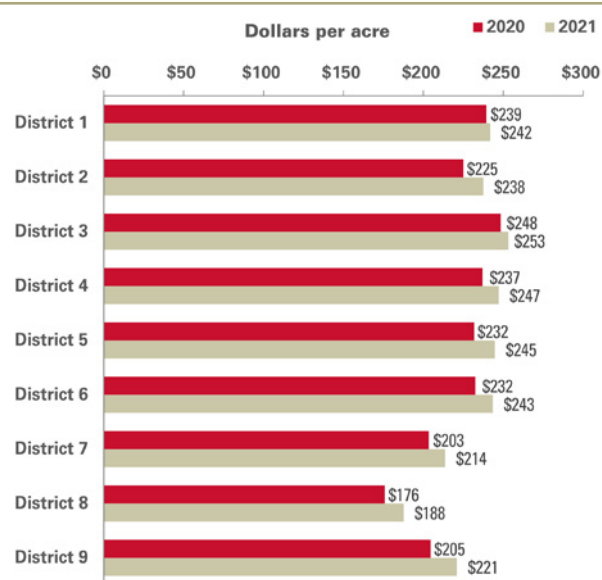
# Cash Rental Rates for Iowa 2021 Survey

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, oats, 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. Oats, 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 1,363 usable responses was 41% from farm operators, 33% from landowners, 11% from professional farm managers and realtors, 9% from agricultural lenders, and 6% from other professions and respondents who chose not to report their status. Respondents indicated being familiar with 1.5 million cash rented acres across the state.

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

**Figure 1. Comparison of Average Cash Rent by Crop Reporting District, 2020-2021**



## 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](http://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](http://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.

**2016-2020 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, 2015-2019.

**Average rents per 5-year average yield or CSR2** – overall average rent for corn and soybean land in each county, divided by the five-year average corn yield, the five-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.

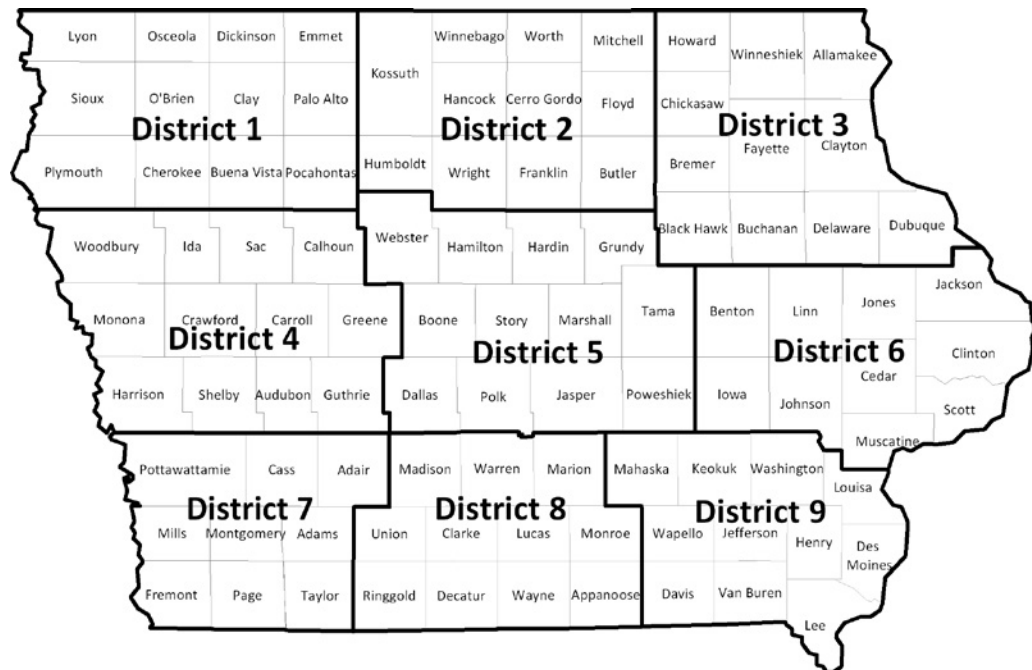
**Pasture, \$/Animal Unit Month (AUM)** – rent charged per animal unit month. One AUM is equal to one beef cow or its equivalent grazing for one month.

**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.

**2017-2021 Overall Average of Typical Cash Rents for Corn and Soybean Acres by Iowa Crop Reporting District (\$ per tillable acre)**

	2017	2018	2019	2020	2021
District 1	\$234	\$237	\$231	\$239	\$242
District 2	218	225	219	225	238
District 3	241	244	237	248	253
District 4	231	236	235	237	247
District 5	228	237	231	232	245
District 6	231	235	229	232	243
District 7	206	207	207	203	214
District 8	180	174	174	176	188
District 9	204	203	210	205	221
<b>State</b>	<b>\$219</b>	<b>\$222</b>	<b>\$219</b>	<b>\$222</b>	<b>\$232</b>



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## 2021 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 <sup>1/</sup>	197	5	17	16	11	10	17	17	12	18	33	21	20
2016-2020 average corn yield	195	192	206	182	180	188	201	206	193	186	208	191	208
2016-2020 average soybean yield	58	56	62	54	54	55	61	61	56	55	62	56	64
Average row crop CSR2 index	85	86	90	86	87	81	80	94	86	82	82	82	88
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>													
Overall average	\$242	\$243	\$258	\$217	\$207	\$203	\$257	\$268	\$243	\$238	\$250	\$240	\$275
<b>High quality third</b>													
Average response	\$277	\$269	\$291	\$261	\$238	\$228	\$292	\$307	\$296	\$265	\$291	\$267	\$317
Range of responses		225-300	260-350	225-280	170-300	175-280	240-335	250-350	250-325	230-300	200-370	220-325	250-390
<b>Medium quality third</b>													
Average response	\$242	\$246	\$256	\$212	\$211	\$206	\$262	\$265	\$239	\$237	\$245	\$239	\$280
Range of responses		215-290	230-280	180-250	150-275	160-250	215-300	230-300	200-300	200-270	180-300	200-285	220-350
<b>Low quality third</b>													
Average response	\$207	\$215	\$227	\$178	\$173	\$176	\$217	\$231	\$195	\$213	\$215	\$215	\$229
Range of responses		200-230	225-230	150-210	125-225	140-235	180-250	190-275	170-225	180-250	150-280	190-240	185-275
<b>Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2015-2019</b>													
High third	215	210	232	210	194	208	217	224	214	207	225	209	230
Middle third	196	193	210	185	181	188	200	205	198	189	204	192	206
Low third	177	175	192	163	161	173	177	194	180	163	180	178	186
<b>Average Rents per 5-year Average Yield or CSR2</b>													
Rent per bushel of corn yield	\$1.24	\$1.27	\$1.25	\$1.19	\$1.15	\$1.08	\$1.28	\$1.30	\$1.26	\$1.28	\$1.20	\$1.26	\$1.32
Rent per bushel of soybean yield	\$4.16	\$4.34	\$4.16	\$4.02	\$3.83	\$3.69	\$4.21	\$4.39	\$4.34	\$4.33	\$4.03	\$4.29	\$4.30
Rent per CSR2 index point	\$2.83	\$2.83	\$2.87	\$2.52	\$2.38	\$2.51	\$3.21	\$2.85	\$2.83	\$2.90	\$3.05	\$2.93	\$3.13

<sup>1/</sup>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. Information for oats, hay and pasture is reported by crop reporting district on page 12 of this publication.

## 2021 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 <sup>1/</sup>	204	16	19	18	23	24	9	16	17	24	20	18
2016-2020 average corn yield	197	207	192	195	200	194	192	196	201	199	195	194
2016-2020 average soybean yield	56	56	55	54	57	56	56	59	56	58	55	56
Average row crop CSR2 index	79	80	79	83	81	76	81	79	83	74	77	79
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>												
Overall average	\$238	\$258	\$235	\$228	\$256	\$242	\$239	\$239	\$232	\$224	\$228	\$230
<b>High quality third</b>												
Average response	\$269	\$295	\$272	\$260	\$286	\$273	\$272	\$269	\$265	\$253	\$259	\$256
Range of responses		230-370	225-320	200-325	200-375	220-325	220-325	250-295	220-325	215-325	225-300	220-300
<b>Medium quality third</b>												
Average response	\$238	\$260	\$237	\$228	\$255	\$244	\$241	\$244	\$228	\$226	\$228	\$230
Range of responses		200-325	185-275	175-285	185-330	200-275	220-265	230-275	175-275	180-275	185-275	200-275
<b>Low quality third</b>												
Average response	\$205	\$220	\$197	\$195	\$226	\$211	\$206	\$204	\$204	\$193	\$198	\$204
Range of responses		175-275	155-230	150-240	150-290	180-250	175-230	150-230	150-260	150-230	160-240	180-245
<b>Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2015-2019</b>												
High third	211	219	206	207	218	205	213	209	213	214	206	209
Middle third	194	199	188	189	203	189	193	196	199	195	189	195
Low third	172	179	166	165	184	172	171	176	169	174	164	170
<b>Average Rents per 5-year Average Yield or CSR2</b>												
Rent per bushel of corn yield	\$1.21	\$1.25	\$1.22	\$1.17	\$1.28	\$1.25	\$1.24	\$1.22	\$1.15	\$1.13	\$1.17	\$1.19
Rent per bushel of soybean yield	\$4.23	\$4.61	\$4.27	\$4.22	\$4.49	\$4.32	\$4.27	\$4.05	\$4.14	\$3.86	\$4.15	\$4.11
Rent per CSR2 index point	\$3.00	\$3.23	\$2.97	\$2.75	\$3.16	\$3.18	\$2.95	\$3.03	\$2.80	\$3.03	\$2.96	\$2.91

<sup>1/</sup> 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. Information for oats, hay and pasture is reported by crop reporting district on page 12 of this publication.

## 2021 CASH RENTAL RATE SURVEY FOR CROP REPORTING DISTRICT 3

County	Allamakee and Winneshiek										
	District 3 Average	Black Hawk	Bremer	Buchanan	Chickasaw	Clayton	Delaware	Dubuque	Fayette	Howard	
Number of responses <sup>1/</sup>	119	9	19	11	10	10	7	17	11	9	16
2016-2020 average corn yield	203	197	200	207	208	199	203	208	211	198	195
2016-2020 average soybean yield	57	55	57	57	57	54	59	63	60	57	53
Average row crop CSR2 index	79	76	86	84	83	83	68	77	69	81	83
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>											
Overall average	\$253	\$236	\$263	\$260	\$273	\$233	\$264	\$282	\$285	\$264	\$216
<b>High quality third</b>											
Average response	\$289	\$269	\$299	\$299	\$310	\$273	\$317	\$314	\$336	\$287	\$243
Range of responses		245-300	250-350	250-350	280-350	240-340	275-365	250-425	250-410	260-335	190-300
<b>Medium quality third</b>											
Average response	\$256	\$240	\$268	\$263	\$271	\$230	\$266	\$287	\$295	\$269	\$217
Range of responses		225-275	225-325	225-300	210-300	195-275	225-325	220-390	220-350	240-315	175-250
<b>Low quality third</b>											
Average response	\$214	\$199	\$223	\$218	\$238	\$197	\$211	\$244	\$223	\$236	\$186
Range of responses		175-225	175-275	175-265	180-275	150-240	190-250	195-300	140-285	190-270	160-210
<b>Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2015-2019</b>											
High third	217	209	220	227	221	214	213	222	227	217	211
Middle third	198	189	201	211	204	195	192	206	206	199	193
Low third	171	163	176	181	178	161	155	184	177	176	171
<b>Average Rents per 5-year Average Yield or CSR2</b>											
Rent per bushel of corn yield	\$1.25	\$1.20	\$1.32	\$1.26	\$1.31	\$1.17	\$1.30	\$1.36	\$1.35	\$1.33	\$1.11
Rent per bushel of soybean yield	\$4.45	\$4.29	\$4.61	\$4.56	\$4.79	\$4.31	\$4.47	\$4.48	\$4.75	\$4.63	\$4.08
Rent per CSR2 index point	\$3.24	\$3.11	\$3.06	\$3.10	\$3.29	\$2.81	\$3.88	\$3.66	\$4.13	\$3.26	\$2.60

<sup>1/</sup> 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. Information for oats, hay and pasture is reported by crop reporting district on page 12 of this publication.

## 2021 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 <sup>1/</sup>	186	12	22	13	16	9	13	26	10	17	12	24	12
2016-2020 average corn yield	198	197	191	199	213	193	187	189	211	189	201	204	207
2016-2020 average soybean yield	57	56	55	58	60	56	54	54	62	56	57	57	58
Average row crop CSR2 index	78	77	84	80	73	82	83	73	81	71	86	72	73
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>													
Overall average	\$247	\$246	\$231	\$249	\$260	\$242	\$206	\$249	\$270	\$254	\$257	\$247	\$255
Irrigated land average										\$257			
<b>High quality third</b>													
Average response	\$281	\$284	\$265	\$285	\$289	\$275	\$243	\$278	\$304	\$291	\$285	\$279	\$292
Range of responses		250-300	235-310	240-350	270-325	250-300	190-300	235-300	275-350	240-350	250-325	250-340	260-325
<b>Medium quality third</b>													
Average response	\$246	\$248	\$229	\$247	\$258	\$241	\$210	\$248	\$267	\$255	\$254	\$246	\$251
Range of responses		225-275	200-250	210-300	230-300	215-275	160-280	210-275	245-300	220-300	230-285	200-290	235-275
<b>Low quality third</b>													
Average response	\$214	\$206	\$197	\$216	\$233	\$210	\$164	\$221	\$239	\$216	\$233	\$216	\$222
Range of responses		170-230	185-210	175-250	200-260	185-225	135-200	190-250	220-275	160-275	200-265	175-275	185-240
<b>Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2015-2019</b>													
High third	220	218	208	221	231	219	212	213	231	216	225	222	224
Middle third	198	195	195	205	209	200	170	192	209	194	202	203	205
Low third	174	169	179	182	189	171	136	169	186	157	182	177	187
<b>Average Rents per 5-year Average Yield or CSR2</b>													
Rent per bushel of corn yield	\$1.25	\$1.25	\$1.21	\$1.25	\$1.22	\$1.25	\$1.10	\$1.32	\$1.28	\$1.34	\$1.28	\$1.21	\$1.23
Rent per bushel of soybean yield	\$4.34	\$4.39	\$4.20	\$4.29	\$4.33	\$4.32	\$3.81	\$4.61	\$4.35	\$4.54	\$4.51	\$4.33	\$4.40
Rent per CSR2 index point	\$3.19	\$3.19	\$2.75	\$3.11	\$3.56	\$2.95	\$2.48	\$3.41	\$3.33	\$3.58	\$2.99	\$3.43	\$3.49

<sup>1/</sup> 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. Information for oats, hay and pasture is reported by crop reporting district on page 12 of this publication.

## 2021 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 <sup>1/</sup>	222	22	12	23	13	21	17	21	19	12	24	22	16
2016-2020 average corn yield	197	190	180	207	192	199	212	220	187	197	189	198	193
2016-2020 average soybean yield	56	55	53	61	54	57	60	62	53	56	54	58	53
Average row crop CSR2 index	84	85	88	88	80	84	80	82	89	79	86	85	78
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>													
Overall average	\$245	\$236	\$226	\$273	\$213	\$248	\$246	\$255	\$243	\$251	\$244	\$269	\$233
<b>High quality third</b>													
Average response	\$275	\$261	\$254	\$304	\$239	\$279	\$276	\$287	\$276	\$285	\$276	\$309	\$258
Range of responses		235-290	200-300	250-375	200-280	255-310	240-325	235-350	235-325	225-325	240-350	225-375	215-300
<b>Medium quality third</b>													
Average response	\$246	\$237	\$229	\$275	\$221	\$243	\$243	\$257	\$242	\$257	\$241	\$270	\$236
Range of responses		205-265	190-260	235-315	190-260	190-280	200-280	205-325	210-300	210-300	200-280	200-325	190-275
<b>Low quality third</b>													
Average response	\$213	\$210	\$195	\$241	\$179	\$222	\$219	\$221	\$210	\$211	\$215	\$228	\$204
Range of responses		180-240	165-225	180-290	120-240	175-250	180-240	160-275	191-230	160-265	180-250	175-300	160-250
<b>Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2015-2019</b>													
High third	222	214	207	238	217	227	227	234	208	226	217	231	213
Middle third	200	194	189	217	194	207	198	213	190	194	194	210	196
Low third	176	176	164	193	175	180	175	185	170	168	168	182	177
<b>Average Rents per 5-year Average Yield or CSR2</b>													
Rent per bushel of corn yield	\$1.24	\$1.24	\$1.26	\$1.32	\$1.11	\$1.25	\$1.16	\$1.16	\$1.30	\$1.27	\$1.29	\$1.36	\$1.21
Rent per bushel of soybean yield	\$4.35	\$4.29	\$4.26	\$4.48	\$3.94	\$4.35	\$4.10	\$4.11	\$4.58	\$4.48	\$4.52	\$4.64	\$4.40
Rent per CSR2 index point	\$2.93	\$2.78	\$2.57	\$3.10	\$2.66	\$2.95	\$3.08	\$3.11	\$2.73	\$3.18	\$2.84	\$3.16	\$2.99

<sup>1/</sup> 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. Information for oats, hay and pasture is reported by crop reporting district on page 12 of this publication.

## 2021 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 <sup>1/</sup>	137	25	22	14	7	7	12	12	15	14	9
2016-2020 average corn yield	199	195	202	203	196	196	192	201	205	193	204
2016-2020 average soybean yield	58	59	60	59	54	58	56	57	58	59	62
Average row crop CSR2 index	81	86	86	74	79	67	85	77	87	83	89
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>											
Overall average	\$243	\$255	\$245	\$254	\$222	\$235	\$241	\$237	\$252	\$233	\$260
<b>High quality third</b>											
Average response	\$288	\$293	\$287	\$299	\$264	\$280	\$288	\$290	\$291	\$273	\$314
Range of responses		240-350	195-350	275-350	225-330	270-300	230-375	215-350	250-325	240-300	285-350
<b>Medium quality third</b>											
Average response	\$244	\$256	\$240	\$255	\$216	\$240	\$242	\$240	\$248	\$236	\$268
Range of responses		200-300	180-280	210-300	200-240	200-280	180-300	185-280	220-285	200-280	260-275
<b>Low quality third</b>											
Average response	\$198	\$214	\$209	\$207	\$187	\$186	\$194	\$180	\$219	\$190	\$199
Range of responses		165-260	150-250	150-250	170-200	150-200	160-225	140-225	180-265	165-230	180-220
<b>Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2015-2019</b>											
High third	220	224	226	223	215	211	213	218	226	214	225
Middle third	196	206	206	195	198	188	185	190	196	192	202
Low third	166	181	179	171	172	160	157	165	157	154	165
<b>Average Rents per 5-year Average Yield or CSR2</b>											
Rent per bushel of corn yield	\$1.22	\$1.31	\$1.21	\$1.25	\$1.13	\$1.20	\$1.26	\$1.18	\$1.23	\$1.21	\$1.27
Rent per bushel of soybean yield	\$4.18	\$4.32	\$4.08	\$4.31	\$4.11	\$4.05	\$4.30	\$4.16	\$4.34	\$3.95	\$4.19
Rent per CSR2 index point	\$3.01	\$2.97	\$2.85	\$3.43	\$2.81	\$3.51	\$2.84	\$3.08	\$2.90	\$2.81	\$2.92

<sup>1/</sup> 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. Information for oats, hay and pasture is reported by crop reporting district on page 12 of this publication.



## 2021 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 <sup>1/</sup>	108	16	11	9	9	13	12	10	18	10
2016-2020 average corn yield	185	172	178	188	194	191	193	188	198	164
2016-2020 average soybean yield	54	52	54	55	55	53	54	54	56	50
Average row crop CSR2 index	80	79	79	79	81	82	79	80	79	81
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>										
Overall average	\$214	\$188	\$198	\$225	\$192	\$236	\$231	\$210	\$237	\$203
<b>High quality third</b>										
Average response	\$244	\$213	\$236	\$256	\$225	\$270	\$260	\$239	\$259	\$234
Range of responses		190-240	220-250	230-300	190-275	210-325	215-300	205-275	200-310	190-255
<b>Medium quality third</b>										
Average response	\$214	\$186	\$201	\$228	\$198	\$229	\$235	\$209	\$239	\$197
Range of responses		160-210	175-215	200-265	150-245	175-275	195-265	185-250	175-275	175-235
<b>Low quality third</b>										
Average response	\$184	\$165	\$159	\$193	\$154	\$208	\$200	\$183	\$213	\$178
Range of responses		130-195	120-185	150-225	125-180	160-230	160-235	160-220	165-230	140-210
<b>Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2015-2019</b>										
High third	202	190	195	207	206	208	211	197	218	186
Middle third	180	174	169	180	188	189	189	172	195	161
Low third	152	146	146	153	159	165	163	144	168	126
<b>Average Rents per 5-year Average Yield or CSR2</b>										
Rent per bushel of corn yield	\$1.15	\$1.09	\$1.11	\$1.20	\$0.99	\$1.24	\$1.20	\$1.12	\$1.20	\$1.24
Rent per bushel of soybean yield	\$3.98	\$3.62	\$3.67	\$4.09	\$3.49	\$4.45	\$4.28	\$3.89	\$4.23	\$4.06
Rent per CSR2 index point	\$2.67	\$2.38	\$2.51	\$2.85	\$2.37	\$2.88	\$2.92	\$2.63	\$3.00	\$2.51

<sup>1/</sup> 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. Information for oats, hay and pasture is reported by crop reporting district on page 12 of this publication.

## 2021 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 <sup>1/</sup>	94	7	11	11	8	13	9	8	10	9	8
2016-2020 average corn yield	170	167	161	171	162	175	186	165	167	175	167
2016-2020 average soybean yield	50	50	48	51	45	53	55	49	51	51	50
Average row crop CSR2 index	78	78	77	75	73	86	80	76	85	85	66
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>											
Overall average	\$188	\$174	\$188	\$153	\$171	\$204	\$220	\$201	\$203	\$197	\$166
<b>High quality third</b>											
Average response	\$218	\$205	\$224	\$184	\$201	\$240	\$242	\$235	\$231	\$225	\$189
Range of responses		180-230	200-245	160-225	160-230	190-300	200-310	175-300	185-300	180-280	160-230
<b>Medium quality third</b>											
Average response	\$187	\$171	\$188	\$157	\$167	\$200	\$223	\$200	\$203	\$198	\$167
Range of responses		120-200	175-220	130-195	125-200	165-250	190-265	140-265	160-250	170-240	125-220
<b>Low quality third</b>											
Average response	\$158	\$147	\$151	\$120	\$145	\$171	\$194	\$168	\$174	\$169	\$141
Range of responses		110-170	125-180	100-140	100-170	135-200	175-225	120-200	140-210	120-210	90-185
<b>Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2015-2019</b>											
High third	186	184	174	180	180	194	206	180	185	190	183
Middle third	159	146	150	154	163	166	176	151	160	171	157
Low third	131	101	115	135	140	130	146	124	140	147	129
<b>Average Rents per 5-year Average Yield or CSR2</b>											
Rent per bushel of corn yield	\$1.11	\$1.04	\$1.17	\$0.89	\$1.06	\$1.17	\$1.18	\$1.22	\$1.22	\$1.13	\$0.99
Rent per bushel of soybean yield	\$3.73	\$3.48	\$3.92	\$3.00	\$3.80	\$3.85	\$4.00	\$4.10	\$3.98	\$3.86	\$3.32
Rent per CSR2 index point	\$2.40	\$2.23	\$2.44	\$2.04	\$2.34	\$2.37	\$2.75	\$2.64	\$2.39	\$2.32	\$2.52

<sup>1/</sup>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. Information for oats, hay and pasture is reported by crop reporting district on page 12 of this publication.

## 2021 CASH RENTAL RATE SURVEY FOR CROP REPORTING DISTRICT 9

County	District 9 Average	Davis and Wapello	Des Moines	Henry	Jefferson	Keokuk	Lee	Louisa	Mahaska	Van Buren	Washington
Number of responses <sup>1/</sup>	96	6	12	13	8	5	20	7	8	6	11
2016-2020 average corn yield	185	166	195	185	178	186	184	194	192	165	202
2016-2020 average soybean yield	55	51	60	58	54	55	57	56	57	49	57
Average row crop CSR2 index	79	76	84	81	79	80	75	80	81	73	82
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>											
Overall average	\$221	\$211	\$232	\$227	\$225	\$208	\$219	\$219	\$251	\$183	\$234
<b>High quality third</b>											
Average response	\$263	\$253	\$283	\$272	\$271	\$250	\$269	\$261	\$284	\$213	\$274
Range of responses		200-300	220-335	200-350	200-310	190-330	200-335	220-290	205-350	165-250	235-320
<b>Medium quality third</b>											
Average response	\$222	\$218	\$236	\$229	\$223	\$205	\$216	\$219	\$260	\$182	\$235
Range of responses		150-250	200-295	175-295	185-260	150-275	155-280	180-250	170-300	145-220	200-280
<b>Low quality third</b>											
Average response	\$178	\$162	\$177	\$182	\$181	\$168	\$172	\$178	\$209	\$154	\$194
Range of responses		120-200	140-230	150-225	130-200	125-230	120-250	130-215	145-250	115-180	160-235
<b>Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2015-2019</b>											
High third	204	173	213	210	198	210	198	216	212	186	223
Middle third	179	152	188	181	170	188	175	192	189	157	195
Low third	150	127	162	148	133	162	146	164	162	132	166
<b>Average Rents per 5-year Average Yield or CSR2</b>											
Rent per bushel of corn yield	\$1.19	\$1.27	\$1.19	\$1.23	\$1.26	\$1.12	\$1.19	\$1.10	\$1.31	\$1.11	\$1.16
Rent per bushel of soybean yield	\$3.98	\$4.14	\$3.87	\$3.91	\$4.17	\$3.78	\$3.84	\$3.82	\$4.40	\$3.73	\$4.11
Rent per CSR2 index point	\$2.78	\$2.78	\$2.76	\$2.80	\$2.85	\$2.60	\$2.92	\$2.68	\$3.10	\$2.51	\$2.85

<sup>1/</sup> 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. Information for oats, hay and pasture is reported by crop reporting district on page 12 of this publication.

## 2021 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 <sup>1/</sup>	1,363	197	204	119	186	222	137	108	94	96
2016-2020 average corn yield	195	195	197	203	198	197	199	185	170	185
2016-2020 average soybean yield	56	58	56	57	57	56	58	54	50	55
Average row crop CSR2 index	80	85	79	79	78	84	81	80	78	79
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>										
Overall average	\$232	\$242	\$238	\$253	\$247	\$245	\$243	\$214	\$188	\$221
Irrigated land average	\$261				\$274			\$231		\$278
<b>High quality third</b>										
Average response	\$267	\$277	\$269	\$289	\$281	\$275	\$288	\$244	\$218	\$263
<b>Medium quality third</b>										
Average response	\$233	\$242	\$238	\$256	\$246	\$246	\$244	\$214	\$187	\$222
<b>Low quality third</b>										
Average response	\$197	\$207	\$205	\$214	\$214	\$213	\$198	\$184	\$158	\$178
<b>Typical Corn Yield, bushels per acre, USDA NASS Special Tabulation 2015-2019</b>										
High third	211	215	211	217	220	222	220	202	186	204
Middle third	189	196	194	198	198	200	196	180	159	179
Low third	163	177	172	171	174	176	166	152	131	150
<b>Average Rents per 5-year Average Yield or CSR2</b>										
Rent per bushel of corn yield	\$1.21	\$1.24	\$1.21	\$1.25	\$1.25	\$1.24	\$1.22	\$1.15	\$1.11	\$1.20
Rent per bushel of soybean yield	\$4.16	\$4.16	\$4.23	\$4.45	\$4.34	\$4.35	\$4.18	\$3.98	\$3.73	\$3.99
Rent per CSR2 index point	\$2.90	\$2.83	\$3.00	\$3.24	\$3.19	\$2.93	\$3.01	\$2.67	\$2.40	\$2.79
<b>Typical Cash Rent for Oats, Hay and Pasture, \$ per acre<sup>2/</sup></b>										
Alfalfa hay, established	\$173	\$198	\$186	\$252	\$206	\$186	\$194	\$111	\$108	\$116
Grass hay, established	\$133	\$134	\$161	\$208	\$171	\$125	\$136	\$94	\$83	\$85
Oat	\$174	\$195	\$175	\$254	\$219		\$171	\$115	\$91	
Improved permanent pasture	\$79	\$74	\$69	\$80	\$98	\$79	\$77	\$91	\$76	\$69
Unimproved permanent pasture	\$55	\$56	\$42	\$53	\$71	\$49	\$50	\$70	\$56	\$49
Pasture, \$/animal unit month (AUM)	\$17		\$6	\$25				\$11	\$27	
Cornstalk grazing	\$11			\$14	\$8		\$12	\$11	\$9	
Hunting rights	\$18			\$19	\$21	\$16		\$16	\$18	

<sup>1/</sup>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.

<sup>2/</sup>No values are reported if fewer than five responses were received.