

Iowa Crops & Weather



Iowa Agricultural Statistics
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Rains Welcomed Throughout Iowa

Agricultural Summary: Rains fell across most of Iowa last week, resulting in vigorous crop growth, but also ponding in fields. Heavy rains and winds in the northwestern part of the state lodged oats and blew over corn; however, the overall crop condition was favorable. The main field activities last week included applying alfalfa and soybean herbicides and baling and moving hay. Weed pressure continued to be an issue as field conditions and wind speeds were not conducive for spraying in some areas. On average, corn grew 12 inches during the past week.

There were 3.9 **days suitable for fieldwork**, compared to 6.0 days last week and 6.2 days last year at this time. **Topsoil moisture** rated 0 percent very short, 6 percent short, 84 percent adequate, and 10 percent surplus across Iowa. **Subsoil moisture** rated 1 percent very short, 13 percent short, 78 percent adequate, and 8 percent surplus.

Field Crops Report: The **oat acreage headed** was 92 percent, behind last year's progress of 96 percent, but similar to the 5-year average of 92 percent headed. The **oat acreage turning color** was 11 percent. **Oat** condition rated 1 percent very poor, 2 percent poor, 15 percent fair, 61 percent good, and 21 percent excellent. The **average corn height** for Iowa was 31 inches, while the **tallest corn height** was 43 inches. **Corn** condition rated 1 percent very poor, 2 percent poor, 13 percent fair, 59 percent good, and 25 percent excellent. **Soybean** condition rated 1 percent very poor, 3 percent poor, 16 percent fair, 58 percent good, and 22 percent excellent. The **first cutting of alfalfa hay** was 98 percent complete, ahead of last year's progress of 95 percent complete and the 5-year average of 90 percent complete. The **second cutting of alfalfa hay** was 5 percent complete. **Hay** condition rated 0 percent very poor, 3 percent poor, 17 percent fair, 58 percent good, and 22 percent excellent.

Livestock, Pasture, and Range Report: Livestock condition continued to

be good, but fly problems were noted. **Pasture and Range** condition rated 0 percent very poor, 3 percent poor, 19 percent fair, 59 percent good, and 19 percent excellent.

Iowa Weather Summary

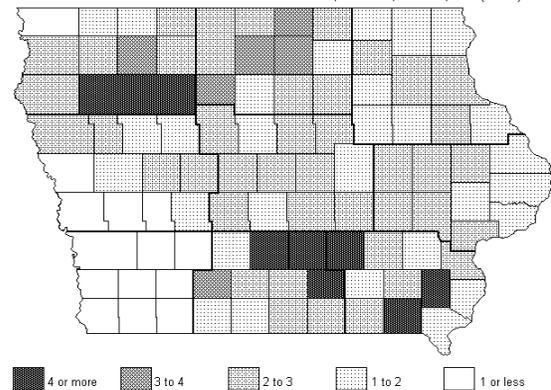
The past work week began with hot and humid weather. Afternoon temperatures on Monday (23rd) were in the mid 80's to low 90's. Tuesday (24th) was the hottest day in most areas with highs in the 90's over most of the state. A strong cold front moved across the state on Wednesday (25th) but not before temperatures reached into the 90's in southeast Iowa. Below normal temperatures and humidity prevailed for the remainder of the week. Temperature extremes for the week ranged from a high of 97 degrees at Waterloo on Tuesday (24th) to a low of 48 degrees at Sibley on Thursday (26th) morning. Temperatures for the week as a whole averaged from 2.3 degrees above normal at Waterloo down to 2.1 degrees below normal at Sioux City.

Thunderstorms moved into northwest Iowa late Monday (23rd) and overspread the northern one-third of the state by Tuesday (24th) morning with heavy rains in excess of four inches centered on Cherokee County. Thunderstorms again developed late Tuesday with nearly all of Iowa recording rainfall by Wednesday (25th) evening. Wednesday's rainfall exceeded four inches over parts of several southeast Iowa counties including Warren, Marion, Mahaska, Monroe, Van Buren, and Henry. Mostly dry weather prevailed Thursday (26th) and into the day on Friday (27th). Thunderstorms developed late Friday with rain falling nearly statewide Friday night into Saturday (28th) morning. Finally, scattered thunderstorms again developed across eastern Iowa on Saturday afternoon. However, only a few locations received more than an inch of rain with the weekend storms. Rainfall totals for the week ranged from 0.14 inches at Omaha-Council Bluffs and 0.30 inches at Sidney up to 5.25 inches at Oskaloosa and 5.02 inches at Indianola. The statewide average precipitation was 2.17 inches or a little more than double the weekly normal of 1.03 inches.

Statewide Crop Conditions as of June 29, 2003

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	1	2	13	59	25
Hay, all	0	3	17	58	22
Oats	1	2	15	61	21
Range & Pasture	0	3	19	59	19
Soybeans	1	3	16	58	22

PRECIPITATION FOR THE WEEK ENDING 7 A.M. CDT, MONDAY, JUNE 30, 2003 (inches)



Field Work and Crop Progress as of June 29, 2003

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches				
Corn, tallest height	40	42	42	37	49	43	51	48	49	43	29	NA	NA
Corn, average height	31	30	28	27	35	31	35	31	32	31	19	NA	NA
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Oats headed	87	85	91	88	94	92	98	97	97	92	81	96	92
Oats turning color	6	4	12	5	5	14	11	9	29	11	NA	NA	NA
Hay, alfalfa - second crop harvested	6	5	3	2	6	5	9	6	8	5	NA	NA	NA

NA = Not available.

Days Suitable & Soil Moisture Condition as of June 29, 2003

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	Days	Days	Days	Days	Days	Days	Days	Days	Days			
Days suitable	2.0	2.6	4.3	4.4	4.4	4.6	4.9	4.1	5.2	3.9	6.0	6.2
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	0	0	0	0	0	0	2	1	1	0	3	20
Short	2	5	9	8	2	9	14	6	4	6	22	32
Adequate	81	71	84	86	90	89	80	84	87	84	71	44
Surplus	17	24	7	6	8	2	4	9	8	10	4	4
Subsoil moisture												
Very short	0	0	1	0	0	3	3	5	3	1	2	12
Short	2	6	15	7	3	15	19	24	36	13	16	28
Adequate	86	67	75	91	83	81	75	67	60	78	75	57
Surplus	12	27	9	2	14	1	3	4	1	8	7	3

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, June 29, 2003

STATION	CURRENT WEEK					SINCE APRIL 1			CURRENT WEEK	
	TEMPERATURE			PRECIPITATION		PRECIPITATION		GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
North West District										
Estherville	88	51	70	0	2.91	1.99	10.95	0.89	141	0
Sioux Center	90	50	72	-1	3.53	2.51	11.84	1.66	152	-5
Spencer	89	51	70	-2	2.55	1.64	10.13	0.11	143	-6
Spirit Lake	90	52	70	-1	1.33	0.34	9.20	-0.53	141	-24
North Central District										
Britt	88	51	69	-4	3.73	2.66	14.55	3.66	137	-17
Humboldt	89	52	70	-3	3.56	2.48	15.41	4.20	141	-11
Mason City	90	52	71	-1	3.74	2.69	12.13	0.71	146	1
Northwood	87	52	69	-3	3.92	2.94	14.33	3.65	131	-15
North East District										
Decorah	91	54	72	2	2.24	1.26	10.16	-1.21	155	10
Dubuque	93	51	73	4	1.52	0.60	9.98	-2.00	163	22
Elkader	94	49	72	3	2.86	1.95	14.29	3.39	158	-8
Independence	93	52	72	2	2.92	1.84	16.06	4.43	153	-17
Waterloo	97	56	76	5	1.20	0.10	14.46	2.77	184	35
West Central District										
Audubon	91	52	72	-2	2.12	1.14	14.33	2.60	159	-5
Carroll	91	52	71	-2	2.58	1.46	12.47	0.09	149	-5
Castana	91	51	72	-2	1.68	0.72	10.56	-0.69	155	5
Guthrie Center	93	50	73	1	0.83	-0.23	12.76	0.58	160	4
Harlan	92	51	72	-2	1.24	0.25	11.99	0.27	157	2
Jefferson	92	53	72	-1	2.35	1.23	16.28	3.90	153	-1
Logan	91	51	73	-1	1.26	0.29	14.93	3.31	166	0
Rockwell City	91	52	71	-3	2.49	1.44	13.82	2.61	150	-12
Sioux City	91	50	71	-3	1.94	1.10	11.18	1.58	151	-13
Central District										
Ames	94	53	74	3	2.93	1.79	12.66	0.22	167	17
Boone	93	52	72	1	3.27	2.11	15.47	2.60	158	6
Des Moines	94	55	76	3	2.10	1.07	14.89	3.55	186	15
Eldora	92	53	72	1	2.76	1.63	14.27	2.27	157	5
Marshalltown	93	52	73	2	2.56	1.45	12.97	1.15	160	8
Newton	92	55	73	0	2.03	1.01	14.84	2.99	160	1
Perry	93	53	73	1	3.47	2.40	17.92	5.91	161	8
Toledo	91	54	72	1	1.87	0.82	13.08	1.03	154	5
East Central District										
Cedar Rapids	93	53	74	2	3.93	2.88	12.56	1.26	169	12
Davenport	94	54	75	2	1.18	0.19	9.11	-2.02	177	12
Iowa City	95	54	76	2	2.19	1.07	10.09	-2.02	181	10
Lowden	94	52	74	3	1.74	0.62	8.07	-4.47	170	15
Maquoketa	94	54	73	2	1.37	0.34	7.90	-3.58	163	13
Muscatine	92	53	73	-2	2.13	1.08	13.87	2.24	162	18
South West District										
Clarinda	91	53	73	-2	1.45	0.33	13.81	1.34	164	-2
Glenwood	91	53	73	-2	1.11	0.08	13.54	1.32	165	-1
Oakland	90	51	72	-1	0.87	-0.18	12.45	0.89	155	-2
Red Oak	90	51	74	-2	1.08	-0.10	13.34	0.40	169	-4
Sidney	89	52	73	-3	1.28	0.28	11.25	-0.21	161	-12
South Central District										
Allerton	90	53	72	-1	1.68	0.63	10.59	-1.04	157	24
Beaconsfield	90	53	72	-1	1.30	0.25	10.54	-0.93	156	-1
Chariton	91	51	73	2	2.39	1.26	12.87	0.64	164	7
Indianola	90	51	71	-2	5.02	3.97	17.34	5.18	149	-9
Leon	90	51	73	0	2.26	1.28	14.21	2.00	159	1
South East District										
Bloomfield	92	55	73	-2	2.40	1.42	14.16	2.44	162	-5
Burlington	93	51	75	2	1.59	0.61	10.88	-0.32	174	7
Ottumwa	93	53	75	0	1.88	0.95	11.19	0.28	174	3

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2003: AWIS, Inc. All Rights Reserved.