

Iowa Crops & Weather



Iowa Agricultural Statistics
 210 Walnut, Room 833 • Des Moines, Iowa 50309-2195
 515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov
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For the week ending June 1, 2003

Corn Planting 99 Percent Complete

Iowa corn and soybean planting progressed during the past week, as warmer temperatures aided crop emergence and early growth. Corn replanting occurred to improve stands hindered by earlier ponding in fields and poor emergence due to soil crusting. Windy conditions late last week dried out topsoil and slowed corn spraying. Livestock conditions were good, and pastures have been sprayed.

Topsoil moisture ratings were 2 percent very short, 13 percent short, 78 percent adequate, and 7 percent surplus across Iowa. **Subsoil moisture** ratings were 1 percent very short, 9 percent short, 83 percent adequate, and 7 percent surplus.

There were 6.2 **days suitable for fieldwork**, compared to 5.1 days last week and 4.9 days last year at this time. **Primary seedbed preparations** and **fertilizer applications** were both 99 percent complete. The **oat acreage headed** was 6 percent, compared to 1 percent last week. **Oat** condition rated 0 percent very poor, 1 percent poor, 16 percent fair, 61 percent good, and 22 percent excellent. **Corn planting** increased from 94 percent complete to 99 percent complete. This is similar to last year's progress of 100 percent complete and the 5-year average of 98 percent complete. **Corn emergence** was at 85 percent, slightly behind last year's progress and the 5-year average of 91 percent emergence. **Corn replanting** was reported on 7 percent of all corn acres in the state. **Corn** condition rated 1 percent very poor, 2 percent poor, 19 percent fair, 60 percent good, and 18 percent excellent. **Soybean planting** increased from 64 percent complete to 90 percent complete. This is slightly behind last year's progress of 93 percent complete but three days ahead of the 5-year average of 86 percent complete. **Soybean emergence** was at 40 percent, behind last year's progress of 62 percent emergence, and below the 5-year average of 61 percent

emergence. The **first cutting of alfalfa hay** was 30 percent complete. **Hay** condition rated 0 percent very poor, 1 percent poor, 21 percent fair, 55 percent good, and 23 percent excellent. **Pasture and Range** condition rated 0 percent very poor, 2 percent poor, 16 percent fair, 59 percent good, and 23 percent excellent.

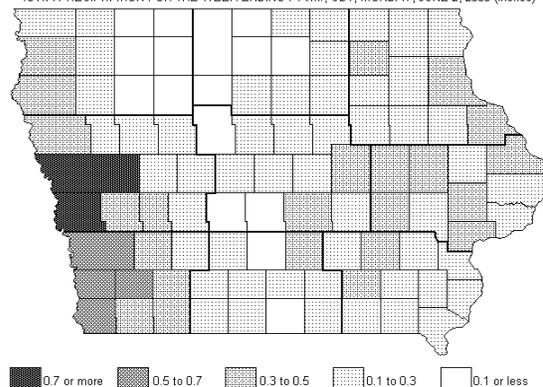
Iowa Weather Summary

The past work week began with dry weather and daytime highs in the 70's on Monday (26th). Tuesday (27th) afternoon highs were mainly in the 80's while light rain fell over much of Iowa late Tuesday into Wednesday (28th) morning. Daytime temperatures in the upper 70's to low 80's were common on Wednesday and Thursday (29th). Showers and thunderstorms affected much of the state late Wednesday into Thursday morning with a few isolated cells producing large hail. Large hail was reported from nine counties with 2 inch diameter hail reported near Ames. Friday (30th) was the warmest day of the month across much of Iowa. Friday afternoon temperatures were primarily in the 80's with Des Moines reaching all the way to 92 degrees. High winds on Friday generated a lot of blowing dust across Iowa with a strong cold front bringing much colder weather for the weekend. Weekend highs were in the mid 60's to low 70's with overnight lows in the 40's in many areas. Elkader and Fayette reported the week's lowest temperatures with 41 degree lows on Sunday (1st) morning. Finally, an area of light to moderate rain entered the western one-third of Iowa by sunrise on Monday (2nd). Temperatures for the week as a whole averaged from 2.7 degrees above normal at Des Moines to 3.0 degrees below normal at Burlington. Weekly rainfall totals varied from none at Emmetsburg up to 0.95 inches at Denison and 1.50 inches at Little Sioux. The statewide average precipitation was 0.25 inches or about one-fourth of the weekly normal of 0.97 inches.

Statewide Crop Conditions as of June 1, 2003

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	1	2	19	60	18
Hay, all	0	1	21	55	23
Oats	0	1	16	61	22
Range & Pasture	0	2	16	59	23

IOWA PRECIPITATION FOR THE WEEK ENDING 7 A.M., CDT, MONDAY, JUNE 2, 2003 (inches)



Field Work and Crop Progress as of June 1, 2003

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent				
Corn emerged	92	92	83	81	88	84	80	71	82	85	68	91	91
Soybeans planted	93	94	90	82	90	96	85	82	93	90	64	93	86
Soybeans emerged	46	44	36	23	41	46	35	50	50	40	10	62	61
Oats headed	2	0	2	4	4	11	5	16	11	6	1	NA	NA
Hay, alfalfa - first crop harvested	36	19	19	22	31	43	27	31	40	30	6	NA	NA

NA = Not applicable.

Days Suitable & Soil Moisture Condition as of June 1, 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	6.4	6.1	6.5	6.1	6.4	6.0	5.9	6.2	6.5	6.2	5.1	4.9
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	1	0	1	0	0	8	3	0	6	2	0	1
Short	11	10	17	8	10	22	5	14	22	13	2	10
Adequate	86	78	75	82	82	70	76	78	69	78	82	77
Surplus	2	12	7	10	8	0	16	8	3	7	16	12
Subsoil moisture												
Very short	0	0	1	0	0	2	5	4	2	1	1	3
Short	7	3	10	2	2	8	13	21	26	9	7	16
Adequate	91	80	79	93	93	88	72	72	69	83	79	72
Surplus	2	17	10	5	5	2	10	3	3	7	13	9

**Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, June 1, 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	83	43	64	2	0.04	-0.81	5.37	-0.89	102	11
Sioux Center	85	47	66	2	0.08	-0.85	7.15	1.13	115	10
Spencer	82	45	65	2	0.01	-0.83	6.12	-0.28	105	7
Spirit Lake	81	48	64	2	0.00	-0.85	5.47	-0.26	98	-16
North Central District										
Britt	82	46	64	-2	0.12	-0.77	8.12	1.39	100	-7
Humboldt	81	49	64	-2	0.07	-0.88	7.79	0.87	98	-2
Mason City	84	42	64	1	0.04	-0.97	6.70	-0.49	99	3
Northwood	83	45	62	-2	0.19	-0.72	8.15	1.35	89	-7
North East District										
Decorah	82	40	61	-4	0.20	-0.72	6.45	-0.92	81	-19
Dubuque	81	43	62	-2	0.21	-0.77	7.22	-0.90	85	-6
Elkader	83	40	61	-3	0.18	-0.73	9.60	2.34	79	-35
Independence	87	42	63	0	0.12	-0.84	10.62	3.19	92	-27
Waterloo	90	44	67	3	0.10	-0.88	10.00	2.48	118	15
West Central District										
Audubon	86	47	64	-3	0.17	-0.87	8.90	1.19	100	-14
Carroll	86	47	65	1	0.01	-1.06	7.98	0.20	108	5
Castana	82	49	65	0	0.26	-0.79	7.20	0.14	109	7
Guthrie Center	86	43	65	0	0.16	-0.92	9.57	1.90	108	3
Harlan	86	44	66	0	0.21	-0.84	8.87	1.29	112	4
Jefferson	88	47	66	2	0.01	-1.06	10.88	3.10	114	11
Logan	86	46	66	-1	0.35	-0.71	10.84	3.31	114	-1
Rockwell City	84	49	65	-2	0.11	-0.89	9.25	2.24	105	-7
Sioux City	86	45	66	1	0.15	-0.76	7.13	0.99	116	4
Central District										
Ames	91	46	67	4	0.18	-0.89	8.02	0.22	124	24
Boone	88	46	66	2	0.00	-1.15	10.30	2.35	113	9
Des Moines	92	49	69	3	0.09	-0.85	10.87	3.71	134	17
Eldora	87	49	65	2	0.05	-0.99	8.95	1.54	110	7
Marshalltown	87	46	65	2	0.28	-0.74	6.66	-0.71	107	5
Newton	90	46	66	0	0.41	-0.63	9.54	1.92	111	0
Perry	88	47	65	1	0.00	-1.07	11.94	4.42	109	5
Toledo	87	45	64	0	0.31	-0.74	9.16	1.36	97	-1
East Central District										
Cedar Rapids	89	47	65	-1	0.40	-0.54	6.89	-0.15	107	0
Davenport	85	45	64	-3	0.19	-0.74	6.51	-0.56	101	-13
Iowa City	90	44	66	-3	0.29	-0.65	6.23	-1.64	111	-10
Lowden	86	41	63	-3	0.28	-0.74	4.68	-3.41	89	-18
Maquoketa	84	43	62	-3	0.18	-0.80	5.23	-1.92	84	-14
Muscatine	86	49	64	-4	0.71	-0.23	9.22	1.66	100	3
South West District										
Clarinda	87	44	65	-2	0.46	-0.64	9.88	1.70	108	-6
Glenwood	89	47	67	0	0.00	-1.16	8.48	0.63	118	2
Oakland	85	47	64	-2	0.47	-0.56	9.24	2.05	103	-5
Red Oak	89	46	66	-3	0.55	-0.57	8.88	0.78	112	-12
Sidney	89	54	69	2	0.05	-0.93	8.22	0.70	132	8
South Central District										
Allerton	87	46	64	-2	0.05	-0.93	6.72	-0.83	101	17
Beaconsfield	87	47	66	1	0.15	-0.82	6.92	-0.48	110	3
Chariton	89	41	62	-3	0.05	-0.96	7.50	-0.22	88	-17
Indianola	88	45	66	0	0.05	-0.95	9.53	1.66	111	2
Leon	88	41	63	-3	0.11	-0.94	8.10	-0.04	91	-17
South East District										
Bloomfield	85	46	65	-3	0.11	-0.87	9.90	2.03	103	-16
Burlington	84	46	65	-2	0.14	-0.77	7.37	-0.04	106	-11
Ottumwa	88	45	66	-2	0.43	-0.46	6.93	-0.44	112	-9

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.