

# Iowa Crops & Weather



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## Corn Planting Nearing Completion

The past week allowed Iowa farmers to nearly complete corn planting as well as almost half the soybean planting. The soybeans went in the ground much quicker than the corn, and any remaining wet areas were planted around. Corn stand issues have resulted in replanting. Heavy rains from two weeks ago and cool temperatures last week have caused some crusting and stress on corn and soybean seedlings. Post-emergence corn herbicide applications are beginning. Reports of bean leaf beetle pressure were cited. Overall, livestock conditions were reported as good; although cool temperatures stressed the calves.

**Topsoil moisture** ratings were 0 percent very short, 2 percent short, 82 percent adequate, and 16 percent surplus across Iowa. **Subsoil moisture** ratings were 1 percent very short, 7 percent short, 79 percent adequate, and 13 percent surplus.

There were 5.1 **days suitable for fieldwork**, compared to 2.4 days last week and 4.8 days last year at this time. **Primary seedbed preparations** were 95 percent complete, while **fertilizer applications** were 98 percent complete. **Oat emergence** was at 98 percent, compared to 91 percent last week, and similar to the 99 percent last year at this time. The **oat acreage headed** was 1 percent. **Oat** condition rated 0 percent very poor, 2 percent poor, 17 percent fair, 61 percent good, and 20 percent excellent. **Corn planting** increased from 79 percent complete to 94 percent complete. This is slightly behind last year's progress of 97 percent complete and the 5-year average of 96 percent complete. **Corn emergence** was at 68 percent, slightly behind last year's progress of 72 percent emergence, and behind the 5-year average of 79 percent emergence. **Corn** condition rated 1 percent very poor, 4 percent poor, 26 percent fair, 58 percent good, and 11 percent excellent. **Soybean planting**

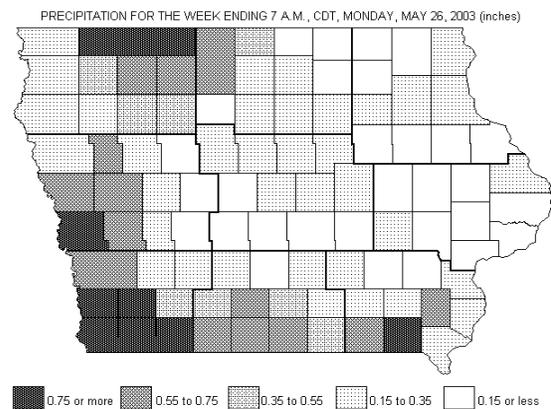
increased from 19 percent complete to 64 percent complete. This is behind last year's progress of 80 percent complete and three days behind the 5-year average of 73 percent complete. **Soybean emergence** was at 10 percent, behind last year's progress of 21 percent emergence, and below the 5-year average of 35 percent emergence. The **first cutting of alfalfa hay** was 6 percent complete. **Pasture and Range** condition rated 0 percent very poor, 2 percent poor, 14 percent fair, 60 percent good, and 24 percent excellent.

## Iowa Weather Summary

The past week was much drier than recent weeks and unseasonably cool. The work week began with daytime temperatures reaching into the 70's in southeastern Iowa on Monday (19th) before falling rapidly behind a strong cold front. Daytime highs were primarily in the 60's until Sunday (25th) when 70's prevailed. Nighttime lows fell into the 30's in some areas on Tuesday (20th), Wednesday (21st), Thursday (22nd), and Sunday (26th) mornings. Temperature extremes ranged from Wednesday (21st) morning lows of 33 degrees at Chariton, Decorah, and Elkader up to Sunday (26th) afternoon highs of 78 degrees at Ankeny, Emmetsburg, Iowa City, Washington, and Waterloo. Temperatures for the week as a whole averaged from 3.3 degrees below normal at Iowa City down to 7.1 degrees subnormal at Spencer. Meanwhile, light to moderate rain fell nearly statewide on Monday (19th). Dry weather prevailed Tuesday (20th) and Wednesday (21st) with light rain falling over much of the state on Thursday (22nd) into Friday (23rd) morning. Finally, light rain fell over parts of the southwest half of the state on Saturday (24th). Weekly rainfall totals varied from none at Anamosa and 0.02 inches at Iowa City up to 1.80 inches at Sidney and 1.48 inches at Sibley. The statewide average precipitation was 0.33 inches or about one-third of the weekly normal of 0.94 inches. This was Iowa's driest week in six weeks.

Statewide Crop Conditions as of May 25, 2003

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	1	4	26	58	11
Oats	0	2	17	61	20
Range & Pasture	0	2	14	60	24



Field Work and Crop Progress as of May 25, 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				
Seedbed, primary preparation completed (including fall work)	96	96	96	94	96	96	92	92	94	95	86	97	97
Corn planted	98	98	95	93	94	95	90	85	92	94	79	97	96
Corn emerged	79	83	58	64	67	68	61	47	56	68	38	72	79
Soybeans planted	72	74	62	51	59	77	50	52	71	64	19	80	73
Soybeans emerged	8	8	12	5	4	21	9	14	18	10	2	21	35
Hay, alfalfa - first crop harvested	5	4	4	4	8	10	5	4	14	6	NA	NA	NA

NA = Not applicable.

Days Suitable & Soil Moisture Condition as of May 25, 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	4.1	4.9	6.3	4.4	5.3	6.3	4.2	5.0	5.8	5.1	2.4	4.8
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	0	0	0	0	0	0	0	0	1	0	0	1
Short	2	1	1	1	0	7	0	0	7	2	0	15
Adequate	90	78	86	76	74	87	71	85	87	82	65	71
Surplus	8	21	13	23	26	6	29	15	5	16	35	12
Subsoil moisture												
Very short	0	0	0	0	0	0	5	3	1	1	2	4
Short	5	0	5	0	2	8	13	14	24	7	7	18
Adequate	89	71	80	92	74	86	68	76	65	79	69	70
Surplus	6	29	15	8	24	6	14	7	10	13	22	8

**Weather Summary For Iowa Agricultural Statistics Service  
Prepared by AWIS, Inc.  
For the week ending: Sunday, May 25, 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	77	34	56	-6	0.81	0.03	5.33	-0.08	44	-31
Sioux Center	82	37	58	-5	0.48	-0.34	7.07	1.98	58	-32
Spencer	80	36	56	-6	1.07	0.23	6.11	0.55	48	-34
Spirit Lake	76	38	56	-5	1.49	0.74	5.47	0.59	42	-56
North Central District										
Britt	76	39	55	-9	0.28	-0.56	8.00	2.16	34	-56
Humboldt	76	42	56	-8	0.10	-0.78	7.72	1.75	42	-42
Mason City	76	34	55	-7	0.13	-0.84	6.66	0.48	39	-40
Northwood	76	37	55	-7	0.15	-0.69	7.96	2.07	41	-39
North East District										
Decorah	76	33	57	-6	0.17	-0.71	6.25	-0.20	50	-35
Dubuque	74	37	56	-5	0.11	-0.87	7.01	-0.13	46	-31
Elkader	75	33	55	-7	0.01	-0.90	9.42	3.07	40	-60
Independence	75	39	56	-6	0.04	-0.87	10.50	4.03	40	-63
Waterloo	81	39	59	-4	0.15	-0.79	9.90	3.36	66	-22
West Central District										
Audubon	78	36	56	-9	0.25	-0.73	8.73	2.06	41	-57
Carroll	78	37	57	-7	0.22	-0.80	7.97	1.26	50	-38
Castana	77	40	56	-8	1.07	0.07	6.94	0.93	46	-40
Guthrie Center	79	34	56	-8	0.11	-0.89	9.41	2.82	42	-48
Harlan	79	38	56	-8	0.57	-0.46	8.66	2.13	47	-46
Jefferson	78	39	57	-6	0.13	-0.89	10.87	4.16	50	-38
Logan	80	39	57	-8	0.80	-0.25	10.49	4.02	55	-45
Rockwell City	76	34	55	-9	0.15	-0.82	9.14	3.13	39	-57
Sioux City	81	35	58	-6	0.41	-0.47	6.98	1.75	62	-34
Central District										
Ames	76	38	58	-5	0.14	-0.87	7.84	1.11	56	-28
Boone	77	38	57	-6	0.17	-0.89	10.30	3.50	50	-40
Des Moines	76	45	61	-4	0.08	-0.77	10.78	4.56	76	-27
Eldora	77	41	57	-6	0.26	-0.72	8.90	2.53	50	-39
Marshalltown	76	39	58	-5	0.23	-0.71	6.38	0.03	54	-32
Newton	76	42	58	-7	0.07	-0.91	9.13	2.55	56	-40
Perry	77	40	58	-5	0.11	-0.89	11.94	5.49	56	-33
Toledo	74	39	56	-6	0.17	-0.88	8.85	2.10	46	-36
East Central District										
Cedar Rapids	75	40	58	-6	0.20	-0.67	6.49	0.39	55	-37
Davenport	79	41	58	-6	0.05	-0.80	6.32	0.18	56	-42
Iowa City	78	42	59	-7	0.02	-0.89	5.94	-0.99	66	-39
Lowden	80	37	57	-6	0.04	-0.94	4.40	-2.67	49	-43
Maquoketa	77	40	56	-6	0.05	-0.84	5.05	-1.12	43	-39
Muscatine	80	44	58	-6	0.05	-0.86	8.51	1.89	61	-21
South West District										
Clarinda	78	37	57	-8	1.12	0.04	9.42	2.34	52	-48
Glenwood	79	39	59	-6	1.41	0.29	8.48	1.79	64	-37
Oakland	76	38	56	-8	0.56	-0.41	8.77	2.61	41	-52
Red Oak	79	38	58	-7	0.97	-0.08	8.33	1.35	59	-48
Sidney	80	43	58	-8	1.80	0.82	8.17	1.63	56	-52
South Central District										
Allerton	73	42	57	-7	0.22	-0.72	6.67	0.10	48	-20
Beaconsfield	74	41	56	-8	0.59	-0.32	6.77	0.34	42	-50
Chariton	74	33	55	-9	0.35	-0.58	7.45	0.74	40	-51
Indianola	73	40	57	-7	0.13	-0.82	9.48	2.61	53	-41
Leon	75	34	56	-8	0.51	-0.54	7.99	0.90	43	-50
South East District										
Bloomfield	77	40	58	-8	0.56	-0.42	9.79	2.90	54	-49
Burlington	78	43	60	-5	0.21	-0.64	7.23	0.73	69	-34
Ottumwa	77	42	59	-7	0.15	-0.76	6.50	0.02	62	-43

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.

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