

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

To access NASS reports - <http://www.usda.gov/nass/>



Issued April 19, 2004

Vol. 04-07

For the week ending April 18, 2004

Corn Planting Is Underway

Agricultural Summary: Warm and dry conditions accelerated fieldwork, especially corn plantings. Soybeans were planted in isolated areas. High winds in the latter part of the week triggered reports of topsoil erosion. Moisture is a concern in most areas.

There were **6.6 days suitable for fieldwork**, compared to the previous week at 6.2 days. **Topsoil moisture** rated 11 percent very short, 34 percent short, 54 percent adequate, and 1 percent surplus across Iowa. **Subsoil moisture** rated 10 percent very short, 29 percent short, 59 percent adequate, and 2 percent surplus. Soil moisture ratings were more favorable last week compared to a year ago.

Field Crops Report: **Oat seedings** were 90 percent complete ahead of last year's progress of 70 percent and the 5-year average of 68 percent. **Oat emergence** was 13 percent, nearly equivalent to last year's 14 percent, but behind the 5-year average of 18 percent. **Corn planted** was 19 percent ahead of last year's progress of 2 percent and ahead of the 5-year average of 3 percent. **Primary seedbed preparations** were 66 percent complete, while **fertilizer applications** were 80 percent complete.

Livestock, Pasture, and Range Report: Calving was well under way with few losses reported. Favorable weather conditions during calving made for a smooth calving season. **Pasture and range** conditions deteriorated from the previous week to 3 percent very poor, 13 percent poor, 41 percent fair, 38 percent good, and 5 percent excellent.

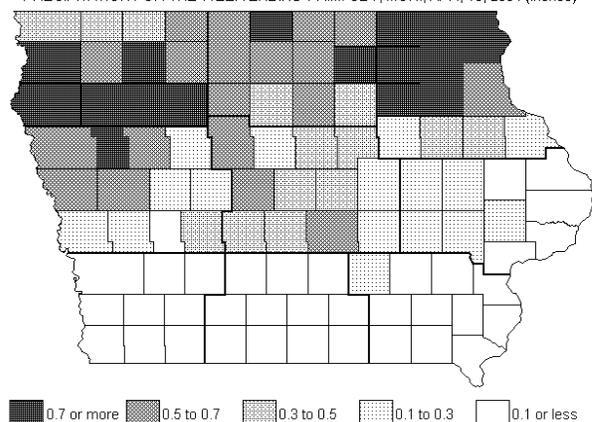
Iowa Weather Summary

The past work week began with unseasonably dry and cool weather. Daytime highs were mostly in the low 50's on Monday (12th) while morning lows fell as low as 18 degrees at Grinnell and Marshalltown on Tuesday (13th). Afternoon highs climbed to near 60 in most areas on Tuesday and into the 70's on Wednesday (14th) and Thursday (15th). No rain fell in the state until Thursday (15th) when a few isolated thunderstorms deposited some very light rain in small portions of northern Iowa. Much warmer weather prevailed for the weekend while thunderstorms brought hail, wind, and some rain to portions of Iowa. Daytime highs were mainly in the 80's from Friday (16th) through Sunday (18th) with the highest temperatures reported from Glenwood and Pocahontas on Friday and again at Glenwood on Saturday where maximums of 91 degrees were recorded. Scattered thunderstorms on Friday night brought large hail and/or high winds to 17 counties from west central to northeast Iowa. A few isolated thunderstorms developed over north central and northeast Iowa on Saturday (17th) night, bringing severe weather to 11 counties as well as the season's first reported tornadoes (Cerro Gordo and Floyd counties). Finally, showers and thunderstorms overspread much of Iowa on Sunday (18th) with significant rain confined to about the northern one-third of the state. Gusty winds of 50 mph or higher also buffeted the state on Sunday while severe thunderstorms were reported in 12 northwest Iowa counties. Temperatures for the week averaged from 6.4 degrees above normal at Burlington to 10.4 degrees above normal at Estherville, with a statewide average temperature of 8.2 degrees in excess of normal. Weekly rain totals varied from none at several southern Iowa locations, such as Glenwood, Ottumwa and Burlington, to 1.52 inches at Newton. The statewide average precipitation was 0.34 inches while normal for the week is 0.79 inches. Parts of southern Iowa have gone without any rain since March 28.

Statewide Crop Conditions as of April 18, 2004

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	3	13	41	38	5

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship
PRECIPITATION FOR THE WEEK ENDING 7 A.M. CDT, MON., APR. 19, 2004 (inches)



Field Work and Crop Progress as of April 18, 2004

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Fertilizer application completed (including fall work)	72	82	68	83	85	84	89	83	72	80	66	67	69
Seedbed, primary preparation completed (including fall work)	65	61	61	73	73	58	68	67	66	66	47	49	62
Corn planted	19	19	7	23	24	10	25	20	21	19	NA	2	3
Oats planted	80	89	93	90	84	91	97	91	87	90	64	70	68
Oats emerged	12	12	6	18	13	16	27	15	13	13	NA	14	18

NA = Not available.

Days Suitable & Soil Moisture Condition as of April 18, 2004

Item	Districts									State	Last Week	Last Year	
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Days suitable	Days	6.5	6.4	6.3	6.9	6.2	6.6	6.9	6.7	6.8	6.6	6.2	2.9
	Percent												
Topsoil moisture	Very short	15	12	9	13	17	3	12	6	4	11	5	6
	Short	29	33	32	37	39	31	32	25	53	34	20	23
	Adequate	55	54	58	50	44	66	56	66	43	54	72	67
	Surplus	1	1	1	0	0	0	0	3	0	1	3	4
Subsoil moisture	Very short	17	29	10	4	8	1	6	9	6	10	8	16
	Short	26	33	33	33	33	12	27	23	34	29	24	33
	Adequate	57	33	54	62	58	85	64	66	60	59	66	49
	Surplus	0	5	3	1	1	2	3	2	0	2	2	2

**Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, April 18, 2004**

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	87	21	53	9	0.00	-0.67	0.00	-1.63	53	44
Sioux Center	89	21	57	9	0.00	-0.56	0.00	-1.43	70	50
Spencer	89	20	54	8	0.00	-0.63	0.00	-1.54	60	46
Spirit Lake	83	22	55	10	0.49	-0.07	0.49	-0.93	56	33
North Central District										
Britt	86	23	50	2	0.01	-0.70	0.02	-1.71	37	21
Humboldt	88	23	51	3	0.00	-0.70	0.00	-1.74	43	29
Mason City	88	19	51	6	0.03	-0.67	0.05	-1.64	48	35
Northwood	87	21	49	4	0.13	-0.57	0.13	-1.59	31	22
North East District										
Decorah	85	19	54	6	0.34	-0.50	0.41	-1.59	54	38
Dubuque	83	22	52	4	0.22	-0.65	0.22	-1.96	47	31
Elkader	86	22	50	3	0.59	-0.18	0.59	-1.25	41	12
Independence	86	19	50	4	0.31	-0.50	0.31	-1.63	42	11
Waterloo	88	21	53	5	0.24	-0.53	0.24	-1.66	55	37
West Central District										
Audubon	87	20	49	-2	0.05	-0.72	0.05	-1.81	35	9
Carroll	89	26	52	5	0.11	-0.66	0.11	-1.78	49	31
Castana	87	26	52	2	0.00	-0.63	0.00	-1.55	44	27
Guthrie Center	89	18	52	3	0.25	-0.52	0.25	-1.64	52	30
Harlan	90	22	53	2	0.00	-0.72	0.00	-1.75	50	30
Jefferson	89	27	53	5	0.26	-0.51	0.26	-1.63	50	32
Logan	90	23	52	2	0.00	-0.67	0.00	-1.62	47	21
Rockwell City	88	24	51	1	0.00	-0.65	0.00	-1.58	38	16
Sioux City	90	23	56	6	0.00	-0.54	0.00	-1.31	72	48
Central District										
Ames	87	22	54	7	0.43	-0.35	0.43	-1.47	57	42
Boone	88	25	53	4	0.66	-0.12	0.66	-1.25	51	32
Des Moines	87	28	57	6	0.00	-0.80	0.00	-1.98	69	43
Eldora	88	22	52	5	0.25	-0.49	0.26	-1.53	48	33
Marshalltown	87	18	53	5	0.22	-0.55	0.22	-1.65	56	38
Newton	87	23	52	3	1.52	0.75	1.52	-0.34	47	25
Perry	88	24	51	3	0.35	-0.39	0.35	-1.44	44	26
Toledo	86	20	51	3	0.12	-0.65	0.12	-1.73	43	27
East Central District										
Cedar Rapids	87	24	54	6	0.14	-0.63	0.14	-1.74	60	41
Davenport	86	22	55	5	0.07	-0.70	0.07	-1.86	65	42
Iowa City	87	25	55	4	0.09	-0.79	0.10	-2.05	60	30
Lowden	88	20	51	3	0.06	-0.85	0.06	-2.15	49	28
Maquoketa	86	22	51	3	0.07	-0.70	0.07	-1.83	45	28
Muscatine	86	28	54	3	0.11	-0.73	0.11	-1.96	57	42
South West District										
Clarinda	88	22	52	3	0.00	-0.79	0.00	-1.92	47	25
Glenwood	91	26	55	4	0.00	-0.67	0.07	-1.54	60	32
Oakland	88	22	52	4	0.00	-0.70	0.00	-1.71	49	31
Red Oak	89	27	54	2	0.00	-0.83	0.04	-1.96	50	19
Sidney	88	31	56	5	0.00	-0.73	0.06	-1.74	62	35
South Central District										
Allerton	83	26	53	3	0.00	-0.77	0.00	-1.91	50	41
Beaconsfield	87	26	53	4	0.20	-0.57	0.20	-1.70	50	29
Chariton	86	20	52	3	0.28	-0.56	0.28	-1.79	53	31
Indianola	86	25	54	4	0.00	-0.84	0.00	-2.05	51	27
Leon	85	21	52	2	0.00	-0.84	0.00	-2.01	50	29
South East District										
Bloomfield	85	26	54	2	0.00	-0.83	0.00	-2.04	60	28
Burlington	88	28	56	5	0.00	-0.84	0.00	-2.06	71	41
Ottumwa	88	25	57	6	0.00	-0.77	0.00	-1.89	72	44

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 2004: AWIS, Inc. All Rights Reserved.