



Iowa Crops & Weather

USDA – National Agricultural Statistical Service – Iowa Field Office

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In Cooperation with the Iowa Department of Agriculture and Land Stewardship



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THUNDERSTORMS IMPEDE CROP PROGRESS

Agricultural Summary: Heavy rain, strong winds and isolated hail limited field work this week for much of the state. The large amounts of rainfall have caused soil erosion, standing water in low land fields, and a concern some re-planting may need to be done due to crusting of the soil. Areas receiving hail reported little to no damage. Farmers concentrated on planting when weather permitted and already emerged oats and corn were reported to be in good condition. Oat planting is nearly complete, reaching 99 percent statewide. Hay crops are showing good growth with the abundance of rain thus far this season. Permanent pastures are improving and being used more. Livestock are showing little sign of stress.

There were 3.1 days suitable for fieldwork during the week, compared with 4.7 days last week. The days suitable for fieldwork ranged from a low of 1.1 days in Southeast Iowa to a high of 4.2 days in Northeast Iowa. Topsoil moisture rated 0 percent very short, 2 percent short, 78 percent adequate, and 20 percent surplus across the state. Subsoil moisture rated 0 percent very short, 1 percent short, 79 percent adequate, and 20 percent surplus.

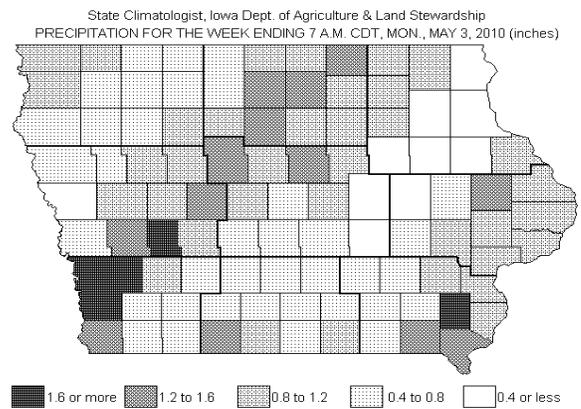
Field Crops Report: Corn acreage planted was 84 percent complete, increasing 16 percentage points from last week. Corn planting progress is 10 days ahead of last year, 13 days ahead of the five-year average, and still the furthest along for the first week in May, in recorded history. Corn acreage emerged was 19 percent, well ahead of the 2 percent last year and the five-year average of 4 percent. Soybean acreage planted was 13 percent complete, compared with 5 percent for both last year and the five-year average. Eighty percent of the expected oat acreage has emerged, ahead of last year's 51 percent and the five-year average of 49 percent. Oat condition rated 0 percent very poor, 1 percent poor, 16 percent fair, 65 percent good, and 18 percent excellent.

Livestock, Pasture and Range Report: Pasture and range condition rated 1 percent very poor, 3 percent poor, 23 percent fair, 55 percent good, and 18 percent excellent. No unusual livestock conditions or concerns were being reported. The weather has been great for late spring calving.

IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist Iowa Department of Agriculture & Land Stewardship

The past reporting week began with rain showers covering the southwest three-fourths of the state and cool weather with highs mostly in the 50's on Monday (26th). Tuesday (27th) and Wednesday (28th) were dry with temperatures averaging slightly below normal. A light freeze was reported over parts of northeast and east central Iowa on Wednesday morning. Much warmer air arrived on Thursday (29th) with highs mostly in the 80's and was followed by widespread shower and thunderstorm activity from Wednesday evening into Thursday afternoon. High winds and/or large hail were reported from 10 counties over the northwest one-half of Iowa on Thursday evening and from nine counties over southeast Iowa on Friday afternoon and evening. Light rain fell over far southeastern Iowa Saturday into early Sunday morning while thunderstorms were scattered over the southeast two-thirds of the state on Sunday (2nd) afternoon and evening. Temperature extremes ranged from Wednesday morning lows of 28 degrees at Cresco and Elkader to a Thursday afternoon high of 86 degrees at Glenwood. Temperatures for the week as a whole averaged 3.5 degrees above normal. Rain totals varied widely from only 0.09 inches at Lansing to 2.78 inches at Oakland. The statewide average precipitation was 0.85 inches or nearly identical to the weekly normal of 0.86 inches. Soil temperatures as of Sunday (2nd) were mostly averaging in the upper 50's.

PRELIMINARY IOWA PRECIPITATION



Field Work and Crop Progress as of May 2, 2010

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	Percent	Percent	Percent	Percent	Percent
Corn planted	82	92	77	87	91	82	76	69	80	84	68	58	46	
Corn emerged	19	11	10	25	23	19	18	26	26	19	2	2	4	
Soybeans planted	9	12	23	13	16	11	10	11	12	13	4	5	5	
Oats emerged	87	90	83	89	90	95	52	68	76	80	59	51	49	

Days Suitable & Soil Moisture Condition as of May 2, 2010

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	Days	Days	Days
Days suitable	3.5	3.3	4.2	3.3	2.6	3.7	2.9	1.3	1.1	3.1	4.7	1.9	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	0	2	0	0	0	0	0	0	0	0	0	0	
Short	1	3	4	4	1	0	0	0	0	2	5	2	
Adequate	96	86	89	86	78	91	65	40	45	78	74	64	
Surplus	3	9	7	10	21	9	35	60	55	20	21	34	
Subsoil moisture													
Very short	0	1	0	0	0	0	0	0	0	0	0	1	
Short	1	1	3	1	1	2	0	0	1	1	2	2	
Adequate	92	91	88	84	76	91	62	56	54	79	80	65	
Surplus	7	7	9	15	23	7	38	44	45	20	18	32	

Weather Summary For National Agricultural Statistics Service, Iowa Field Office
For the week ending: Sunday, May 2, 2010, Prepared by AWIS, Inc.

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	80	37	54	3	1.00	0.30	2.93	-0.08	38	9
Sioux Center	76	40	56	2	1.11	0.48	2.81	0.17	43	-5
Spencer	78	36	54	2	0.65	-0.06	3.58	0.66	36	2
Spirit Lake	73	38	54	4	0.59	-0.04	3.44	0.80	36	2
North Central District										
Britt	81	36	53	-1	1.19	0.42	3.61	0.37	33	2
Humboldt	81	37	54	-2	1.31	0.54	4.25	0.99	33	-7
Mason City	81	32	55	4	1.54	0.75	3.99	0.79	43	10
Osage	79	37	54	2	1.37	0.53	3.73	0.21	33	2
North East District										
Decorah	78	29	57	4	0.93	0.09	3.05	-0.60	53	17
Dubuque	77	37	56	5	0.99	0.08	5.78	1.80	50	16
Elkader	78	28	54	1	0.26	-0.58	6.86	3.41	40	6
Fayette	78	33	54	2	0.74	-0.13	3.97	0.41	38	12
Waterloo	79	37	57	4	0.30	-0.54	5.10	1.56	50	13
West Central District										
Carroll	84	38	54	-1	1.00	0.15	2.67	-0.88	34	-3
Castana	79	41	54	-3	0.34	-0.41	1.67	-1.30	35	-15
Guthrie Center	82	34	54	-1	0.93	0.09	6.21	2.69	37	-4
Harlan	84	38	54	-2	1.00	0.16	2.92	-0.42	36	-2
Jefferson	84	38	55	1	1.33	0.48	2.92	-0.63	41	2
Logan	82	39	54	-2	0.50	-0.33	2.13	-1.04	37	-8
Rockwell City	83	37	54	-2	1.13	0.36	3.17	0.14	36	0
Sac City	81	36	53	-1	1.10	0.34	2.28	-0.81	30	-2
Sioux City	77	38	55	-1	0.51	-0.15	1.49	-1.05	46	1
Central District										
Boone	82	36	55	0	1.35	0.49	3.52	-0.07	39	-1
Des Moines	82	43	59	3	0.86	0.08	4.69	1.11	65	17
Grundy Center	80	33	55	3	0.59	-0.25	4.13	0.69	40	9
Marshalltown	80	36	57	4	0.61	-0.20	4.44	1.00	52	15
Newton	81	38	56	1	0.32	-0.52	5.17	1.68	44	-2
Perry	83	37	55	2	1.03	0.19	3.85	0.47	39	1
Toledo	78	38	55	3	0.22	-0.65	4.18	0.67	38	5
East Central District										
Cedar Rapids	81	35	57	3	0.68	-0.09	3.54	0.13	58	16
Davenport	81	35	59	4	0.80	0.02	4.12	0.65	64	15
Iowa City	82	36	59	3	1.24	0.33	4.49	0.54	63	8
Lowden	80	33	56	3	1.26	0.35	4.81	0.80	49	12
Maquoketa	80	35	56	3	1.00	0.23	4.61	1.18	44	11
Muscatine	81	42	58	2	0.85	0.01	4.66	0.92	57	3
South West District										
Atlantic	83	35	55	0	1.98	1.21	5.49	2.26	38	-5
Clarinda	83	34	53	-4	0.44	-0.48	3.46	-0.20	27	-15
Glenwood	86	37	55	-3	2.40	1.53	4.09	0.88	38	-11
Red Oak	84	38	55	-3	1.02	0.11	4.12	0.38	42	-5
Sidney	83	42	55	-2	1.15	0.30	3.21	-0.20	42	-9
South Central District										
Allerton	81	39	56	1	1.11	0.27	6.43	2.86	45	2
Beaconsfield	81	39	55	0	0.95	0.11	5.16	1.63	41	2
Chariton	79	34	54	-2	0.76	-0.11	5.82	2.04	34	-4
Indianola	82	40	56	1	0.77	-0.14	4.56	0.72	46	7
Leon	80	35	55	-1	0.67	-0.24	5.47	1.68	39	0
South East District										
Bloomfield	80	40	56	-2	0.63	-0.28	4.54	0.77	45	-1
Burlington	81	41	60	4	1.17	0.33	6.69	2.96	68	12
Ottumwa	81	39	57	2	0.54	-0.30	2.61	-0.92	54	0
Washington	82	31	56	-2	0.95	0.11	4.42	0.96	49	-1

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.
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