

Iowa Crops & Weather



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Iowa Field Office

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Issued June 1, 2009

Vol 09-13

For the week ending May 31, 2009

TOPSOIL CRUSTING AND WEED CONTROL

Agricultural Summary: Iowa received rainfall early last week, but weather conditions turned warm and dry causing some concerns over topsoil crusting. Reports indicate one percent of corn and soybean acres have been or will be replanted. Producers continue treating fields for weed control in reportedly good corn stands. Heat units continue to rise as June arrives.

There were 3.9 days suitable for fieldwork during the week, compared to the five-year average of 3.6 days. Topsoil moisture rated 1 percent very short, 8 percent short, 72 percent adequate, and 19 percent surplus across the state. Subsoil moisture rated 1 percent very short, 4 percent short, 73 percent adequate, and 22 percent surplus.

Field Crops Report: Corn planting progressed to 99 percent complete, 3 percentage points ahead of last year's pace, but equal to the five-year average. Ninety percent of the corn acres have emerged compared with 74 percent last year and on par with the five year average. Corn condition was rated at 2 percent poor, 19 percent fair, 62 percent good, and 17 percent excellent.

Soybean planting advanced 11 percentage points from last week to 91 percent complete, ahead of last year and the five-year average. Southern districts continue to lag behind the State average for planting. Fifty-nine percent of the State's soybean crop has emerged, ahead of last year but still 1 percentage point behind average. Soybean condition was rated at 3 percent poor, 21 percent fair, 63 percent good, and 13 percent excellent.

Oat emerged reached 99 percent with 3 percent headed. Most of the oat acreage headed was reported in the Southern two-thirds of the state. Oat condition was rated at 2 percent poor, 21 percent fair, 60 percent good, and 17 percent excellent.

Producers continue to harvest the first cutting of alfalfa with 13 percent harvested, behind the five-year average of 24 percent. All hay conditions were rated at 1 percent very poor, 5 percent poor, 28 percent fair, 54 percent good, and 12 percent excellent.

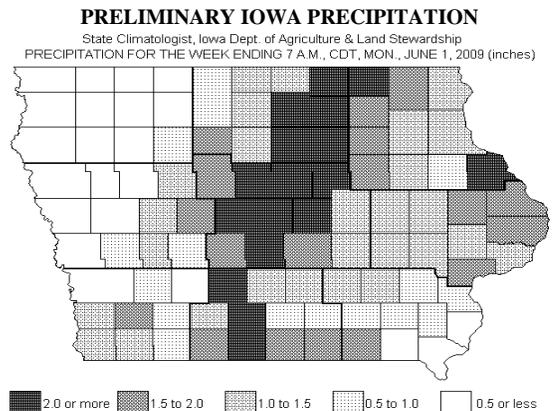
Fertilizer applications are complete, ahead of last year, and the five-year average.

Livestock, Pasture and Range Report: Pasture and range condition rated 1 percent very poor, 4 percent poor, 24 percent fair, 50 percent good, and 21 percent excellent. Stress levels on cattle continue to be relatively low thanks to the cooler than normal temperatures. Cows continue to be turned out to pasture. Pastures are greening up nicely.

IOWA PRELIMINARY WEATHER SUMMARY Provided by Harry Hillaker, State Climatologist

The past reporting week brought highly variable temperatures and precipitation across Iowa. The week began with light showers over the southeast three-fourths of the state on Monday (25th) with afternoon temperatures varying from the mid 60's southeast to mid 80's northwest. Thunderstorms rumbled over all but the far northwest on Tuesday (26th) with one to two inch rain amounts common along the Interstate 35 corridor with locally much higher amounts in and around Ames. Highs on Tuesday were in the low 60's northwest to upper 70's southeast. Rain fell nearly statewide on Wednesday (27th) morning with high temperatures only on the mid 50's north to mid 60's south. Mostly dry weather prevailed on Thursday and Friday with a few scattered showers Saturday (30th) morning centered on the southwest. Showers and thunderstorms were scattered over the state late Sunday (31st) into Monday (1st) morning but with only a few locations receiving more than one-half inch of rain. Temperatures were highly variable over the weekend with cool nights and very warm days. Temperature extremes for the week ranged from a Sunday (31st) morning low of 37 degrees at Elkader to a Sunday afternoon high of 92 degrees at Sioux City. Temperatures for the week as a whole averaged slightly above normal over the far west to one to three degrees cooler than usual over the east with a statewide average of 1.5 degrees subnormal. Northwestern Iowa was rather dry again this past week with no rain reported at either Cherokee or Storm Lake. Meanwhile Ames was the wet spot with 5.29 inches of rain, most of which fell on Tuesday. The statewide average precipitation was 1.22 inches or slightly more than the weekly normal of 1.03 inches.

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	0	2	19	62	17
Soybeans	0	3	21	63	13
Oats	0	2	21	60	17
Hay, all	1	5	28	54	12
Range & Pasture	1	4	24	50	21



Field Work and Crop Progress as of May 31, 2009

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	96	92	84	95	92	89	85	77	81	90	78	74	90	
Soybeans planted	97	90	90	98	94	92	87	67	80	91	80	81	90	
Soybeans emerged	71	53	46	71	63	60	57	37	43	59	28	33	60	
Hay, alfalfa - first crop harvested	33	10	13	14	9	22	11	6	11	13	5	8	24	

Days Suitable & Soil Moisture Condition as of May 31, 2009

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	5.7	2.6	3.5	5.0	2.8	4.1	4.5	2.7	3.1	3.9	5.2	2.7	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	2	0	0	1	0	0	4	0	0	1	0	0	
Short	28	1	5	22	1	2	9	0	1	8	8	0	
Adequate	68	82	69	77	67	88	69	61	63	72	77	57	
Surplus	2	17	26	0	32	10	18	39	36	19	15	43	
Subsoil moisture													
Very short	3	0	0	0	0	0	2	0	0	1	0	0	
Short	13	0	3	7	0	0	7	0	0	4	3	0	
Adequate	83	74	71	91	59	92	71	56	60	73	73	60	
Surplus	1	26	26	2	41	8	20	44	40	22	24	40	

Weather Summary
For National Agricultural Statistics Service, Iowa Field Office
For the week ending: Sunday, May 31, 2009, Prepared by AWIS, Inc.

STATION	CURRENT WEEK				SINCE APRIL 1				CURRENT WEEK	
	TEMPERATURE			DFN	PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG		TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
North West District										
Estherville	84	43	63	1	0.03	-0.81	4.07	-2.06	96	7
Sioux Center	90	41	67	3	0.02	-0.89	3.01	-2.87	118	15
Spencer	83	43	63	-1	0.00	-0.84	4.61	-1.67	94	-2
Spirit Lake	83	50	64	3	0.00	-0.83	4.69	-0.91	102	-10
North Central District										
Britt	77	43	61	-5	1.27	0.39	8.60	2.00	76	-29
Humboldt	78	45	62	-4	1.68	0.74	7.91	1.13	87	-11
Mason City	77	41	61	-3	2.08	1.08	8.13	1.09	79	-14
Osage	75	43	60	-5	2.30	1.36	8.47	1.28	69	-41
North East District										
Decorah	75	39	60	-5	1.52	0.61	9.07	1.84	71	-27
Dubuque	75	41	60	-4	1.82	0.84	7.43	-0.55	70	-19
Elkader	76	37	59	-5	1.75	0.84	9.24	2.11	63	-49
Fayette	76	42	60	-4	1.18	0.20	10.28	2.81	74	-19
Waterloo	78	43	62	-3	1.90	0.92	8.74	1.36	89	-11
West Central District										
Carroll	80	45	64	-1	0.62	-0.44	4.99	-2.63	99	-1
Castana	81	50	64	-2	0.25	-0.80	2.61	-4.30	98	-2
Guthrie Center	80	42	62	-3	1.46	0.39	7.68	0.17	87	-16
Harlan	82	48	65	-1	0.42	-0.63	5.98	-1.45	106	0
Jefferson	79	45	63	-3	1.61	0.55	5.92	-1.70	90	-10
Logan	83	46	65	-2	0.22	-0.84	4.84	-2.54	107	-6
Rockwell City	79	47	63	-3	1.02	0.03	5.07	-1.79	94	-16
Sac City	80	43	63	-2	0.50	-0.55	4.06	-2.98	91	-7
Sioux City	87	45	65	-2	0.06	-0.85	2.49	-3.52	106	-4
Central District										
Boone	80	43	62	-4	1.76	0.62	9.11	1.33	83	-19
Des Moines	83	51	65	-3	1.37	0.44	9.22	2.20	105	-10
Grundy Center	79	44	63	-1	1.49	0.51	8.58	1.24	90	-1
Marshalltown	82	45	63	-2	1.54	0.53	7.45	0.23	92	-7
Newton	81	48	63	-3	1.42	0.39	7.65	0.18	93	-16
Perry	80	45	63	-2	1.49	0.43	7.58	0.22	92	-10
Toledo	80	44	63	-1	1.07	0.02	7.88	0.23	92	-4
East Central District										
Cedar Rapids	80	43	62	-3	0.62	-0.31	6.94	0.04	87	-18
Davenport	82	43	64	-2	0.68	-0.24	7.67	0.74	99	-13
Iowa City	81	45	64	-4	1.56	0.63	7.50	-0.23	98	-21
Lowden	80	42	63	-3	1.21	0.20	7.23	-0.71	89	-16
Maquoketa	79	43	62	-3	1.22	0.26	5.83	-1.17	83	-13
Muscatine	80	44	63	-4	1.00	0.07	9.33	1.91	91	-4
South West District										
Atlantic	86	48	65	0	1.37	0.44	7.56	0.68	106	1
Clarinda	84	47	64	-3	0.65	-0.45	8.20	0.18	101	-11
Glenwood	85	48	65	-2	0.37	-0.78	5.92	-1.76	110	-4
Red Oak	84	47	65	-3	0.52	-0.59	7.57	-0.37	107	-14
Sidney	84	52	66	-2	0.66	-0.32	5.97	-1.41	114	-7
South Central District										
Allerton	80	46	61	-5	1.66	0.68	10.09	2.68	79	-3
Beaconsfield	80	53	63	-3	2.04	1.08	11.08	3.82	90	-15
Chariton	81	39	61	-4	1.06	0.06	7.96	0.39	80	-23
Indianola	80	44	62	-3	1.42	0.43	8.54	0.82	88	-19
Leon	82	42	62	-4	1.45	0.40	9.19	1.20	86	-20
South East District										
Bloomfield	80	48	63	-4	1.21	0.23	7.42	-0.31	96	-21
Burlington	82	45	65	-2	0.13	-0.78	11.00	3.72	106	-9
Ottumwa	81	45	63	-4	0.94	0.05	8.81	1.57	96	-23
Washington	84	45	63	-5	1.76	0.85	10.22	3.06	95	-8

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 2009: AWIS, Inc. All Rights Reserved.

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 5068 SIOUX FALLS SD 57117