

Iowa Crops & Weather



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For the week ending October 10, 2004

Soybean Harvest Over 80 Percent Complete

Agricultural Summary: Rapid progress was made in harvesting soybeans this week. Some producers are winding down and turning to corn harvest in earnest, although in parts of the state farmers are waiting to allow corn to field dry. Reporters in the southern section of the state indicate conditions are very dry. They would like to see some precipitation after harvest but before the ground freezes. Other agricultural activities this week included some fall tillage and application of fertilizer.

There were 5.7 days suitable for fieldwork this week in Iowa. Topsoil moisture rated 13 percent very short, 25 percent short, 58 percent adequate, and 4 percent surplus. Subsoil moisture rated 12 percent very short, 27 percent short, 57 percent adequate, and 4 percent surplus.

Field Crops Report: Iowa's corn acreage in mature stage reached 94 percent this week, approximately 8 days behind both last year's and the 5-year average pace of 99 percent mature at this time. Corn harvested for grain or seed was 16 percent, 5 days behind last year's 27 percent harvested and 9 days behind the 5-year average of 30 percent. The average percent moisture of all field corn was 23 percent, while the average percent moisture of harvested field corn was 20 percent. Corn lodging rated 59 percent none, 23 percent light, 15 percent moderate, and 3 percent heavy. Corn ear droppage rated 73 percent none, 20 percent light, 6 percent moderate, and 1 percent heavy. Soybean acreage harvested reached 81 percent, ahead of last year's pace of 76 percent and the 5-year average of 63 percent harvested at this time. Soybeans lodging rated 66 percent none, 23 percent light, 10 percent moderate, and 1 percent heavy. Soybeans shattering rated 58 percent none, 24 percent light, 14 percent moderate, and 4 percent heavy.

Fall fertilizer application in preparation for the 2005 season was 5 percent complete statewide. **Grain movement** from farm to elevator was rated 27 percent none, 28 percent light, 32 percent moderate, 13 percent heavy.

Livestock, Pasture, and Range Report: Livestock are reported to be in good condition. **Pasture and range condition** was rated 6 percent very poor, 15 percent poor, 34 percent fair, 37 percent good, and 8 percent excellent.

Iowa Weather Summary

The past work week began with very cool weather. Daytime highs were only in the 50's on Monday (4th) while a hard freeze affected much of northern and eastern Iowa on Tuesday (5th) morning with temperatures falling as low as 24 degrees at Lowden and Fayette. Warmer weather quickly returned on Wednesday (6th) with highs mostly in the 70's. The week's highest temperatures were 80 degree readings reported from Waterloo on Wednesday and at Red Oak and Shenandoah on Friday. Showers and thunderstorms moved into western Iowa late Wednesday and exited eastern Iowa on Friday (8th) morning. The clouds and rain kept afternoon highs mostly in the 60's on Thursday (7th). Rainfall amounts were highly variable with some southwest Iowa locations, such as Audubon and Red Oak, receiving no rain while Estherville recorded 2.10 inches and Burlington received 1.58 inches. Finally, dry weather with seasonal temperatures was the rule over the weekend. Temperatures for the week as a whole averaged 0.4 degrees below normal, ranging from 2.4 degrees above normal at Spencer to 3.1 degrees below normal at Ottumwa. Precipitation averaged 0.31 inches or about one-half of the weekly normal of 0.61 inches.

Statewide Crop Conditions as of October 10, 2004

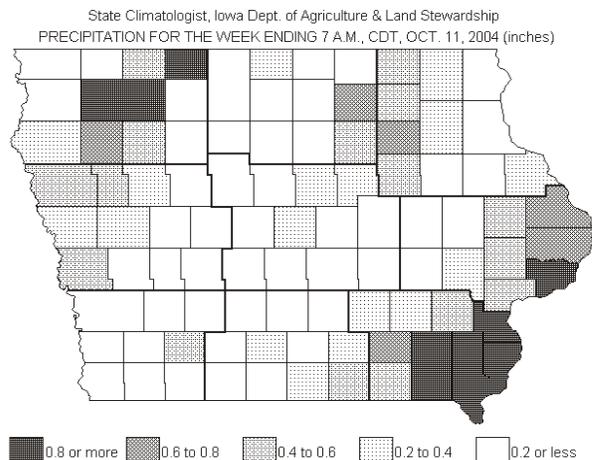
Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	6	15	34	37	8

Statewide Harvesting Conditions as of October 10, 2004

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	59	23	15	3
Corn ear droppage	73	20	6	1
Soybeans lodging	66	23	10	1
Soybeans shattering	58	24	14	4

Statewide Post-Harvest Conditions as of October 10, 2004

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Grain movement	27	28	32	13



Field Work and Crop Progress as of October 10, 2004

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 mature (safe from frost)	89	85	93	98	99	98	99	98	97	94	85	99	99
Corn harvested (grain or seed)	10	9	17	12	15	24	20	25	30	16	8	27	30
Soybeans harvested	87	86	74	86	91	67	78	65	61	81	49	76	63

Days Suitable & Soil Moisture Condition as of October 10, 2004

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	5.2	5.9	5.6	6.0	5.8	5.8	6.4	5.6	4.7	5.7	5.6	6.4
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	0	4	30	23	6	13	26	9	4	13	8	39
Short	2	12	26	37	25	37	40	29	21	25	24	37
Adequate	72	83	42	40	67	50	33	61	73	58	61	23
Surplus	26	1	2	0	2	0	1	1	2	4	7	0
Subsoil moisture												
Very short	2	14	21	18	4	19	22	8	6	12	8	50
Short	20	23	27	54	19	24	26	16	27	27	24	38
Adequate	65	61	47	27	72	57	51	76	58	57	60	11
Surplus	13	2	5	0	5	0	1	1	9	4	8	0

**Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, October 10, 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	76	32	55	4	1.03	0.51	32.06	10.62	47	21
Sioux Center	74	33	56	2	0.09	-0.42	23.71	2.82	45	6
Spencer	77	33	57	5	1.36	0.83	31.32	9.03	54	23
Spirit Lake	73	32	57	6	0.85	0.35	29.38	8.17	55	0
North Central District										
Britt	76	31	53	-3	0.10	-0.45	27.07	3.76	35	-8
Humboldt	74	35	54	-1	0.01	-0.57	22.16	-1.75	36	4
Mason City	77	26	54	2	0.08	-0.53	36.14	11.42	43	10
Northwood	77	31	53	0	0.36	-0.24	38.79	14.63	35	3
North East District										
Decorah	79	26	56	3	0.27	-0.32	35.68	11.39	50	10
Dubuque	74	27	54	0	0.45	-0.22	18.32	-8.18	41	3
Elkader	77	27	52	-2	0.10	-0.51	26.61	2.62	32	-22
Independence	77	25	52	-2	0.17	-0.45	28.41	2.78	30	-20
Waterloo	80	25	56	3	0.62	-0.02	20.22	-4.56	50	13
West Central District										
Audubon	75	33	54	-3	0.00	-0.68	26.96	2.52	36	-12
Carroll	77	35	56	3	0.00	-0.61	19.19	-5.95	50	12
Castana	77	35	56	0	0.34	-0.28	17.53	-5.16	49	8
Guthrie Center	79	30	56	2	0.02	-0.63	26.13	1.17	45	4
Harlan	77	35	56	2	0.00	-0.70	23.66	-1.28	49	8
Jefferson	79	35	57	3	0.02	-0.59	25.48	0.34	51	13
Logan	80	36	56	1	0.34	-0.31	21.33	-2.16	46	1
Rockwell City	76	34	55	-2	0.04	-0.58	26.75	2.42	41	-4
Sioux City	80	33	56	2	0.33	-0.17	17.58	-2.01	49	6
Central District										
Ames	77	30	56	3	0.08	-0.55	27.96	2.01	48	9
Boone	78	33	56	2	0.02	-0.64	23.81	-1.64	47	2
Des Moines	77	36	59	2	0.01	-0.63	24.62	0.69	67	13
Eldora	79	32	55	0	0.71	0.08	25.94	0.80	41	0
Marshalltown	77	28	55	2	0.05	-0.58	23.23	-2.31	49	10
Newton	77	30	54	-2	0.03	-0.65	25.16	0.44	38	-11
Perry	78	29	55	2	0.02	-0.60	24.06	-0.07	40	-1
Toledo	77	29	53	-1	0.18	-0.43	20.04	-5.69	36	-3
East Central District										
Cedar Rapids	76	29	55	0	0.11	-0.48	23.07	-1.28	47	1
Davenport	75	27	56	-2	0.83	0.20	23.11	-0.58	52	-3
Iowa City	77	30	57	-2	0.33	-0.37	25.69	-0.83	54	-7
Lowden	78	24	52	-3	0.55	-0.11	25.84	-1.07	31	-15
Maquoketa	76	26	52	-3	0.69	0.08	23.39	-1.32	29	-10
Muscatine	76	29	55	-4	0.74	0.06	23.62	-1.37	44	5
South West District										
Clarinda	80	35	56	1	0.09	-0.63	24.98	-2.54	45	-2
Glenwood	80	39	59	3	0.20	-0.45	20.91	-4.01	64	8
Oakland	78	36	57	3	0.02	-0.68	25.43	0.81	54	12
Red Oak	80	36	58	2	0.00	-0.65	20.87	-6.21	58	2
Sidney	78	39	59	2	0.00	-0.72	22.62	-3.13	64	7
South Central District										
Allerton	74	35	54	-3	0.36	-0.44	31.26	4.90	36	10
Beaconsfield	76	37	56	-1	0.02	-0.72	28.55	3.17	48	-2
Chariton	76	30	55	-2	0.00	-0.77	25.13	-1.90	44	-6
Indianola	78	31	56	0	0.10	-0.61	25.70	0.77	47	-3
Leon	77	31	54	-3	0.10	-0.65	30.40	4.17	37	-14
South East District										
Bloomfield	77	33	55	-4	0.50	-0.27	30.92	4.26	41	-20
Burlington	75	31	58	0	1.58	0.85	20.64	-4.01	62	5
Ottumwa	75	31	56	-2	0.76	0.09	24.52	-0.12	52	-4

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.

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