

# Iowa Crops & Weather



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For the week ending September 21, 2003

## Corn and Soybean Harvest Well Underway

**Agricultural Summary:** Dry conditions early in the week allowed for continued corn harvest and the beginning of soybean harvest. Rain late in the week improved crop and pasture conditions only slightly, so cattle are expected to still be fed from winter hay supplies and silage as supplemental feed. Field activity last week included harvesting silage, cutting of hay, harvesting corn for grain and soybeans.

There were 5.1 **days suitable for fieldwork**, the same as last week, and 5.0 days last year at this time. **Topsoil moisture** rated 27 percent very short, 36 percent short, 35 percent adequate, and 2 percent surplus across Iowa. **Subsoil moisture** rated 45 percent very short, 41 percent short, 14 percent adequate, and 0 percent surplus.

**Field Crops Report:** The **corn acreage in or past dent stage** was 97 percent. The **corn acreage in mature stage** was 74 percent, behind last year's progress of 77 percent and slightly behind the 5-year average of 79 percent mature stage. The **corn acreage harvested for grain or seed** was 5 percent, slightly behind last year's progress of 6 percent and behind the 5-year average of 7 percent harvested. The **percent moisture of field corn** was 28 percent, while the **percent moisture of harvested corn** was 22 percent. **Corn lodging** rated 61 percent none, 29 percent light, 8 percent moderate, and 2 percent heavy. **Corn ear droppage** rated 72 percent none, 24 percent light, 3 percent moderate, and 1 percent heavy. **Corn** condition rated 8 percent very poor, 20 percent poor, 38 percent fair, 30 percent good, and 4 percent excellent. The **soybean acreage with leaves turning color** was 93 percent, behind last year's progress of 97 percent and just ahead of 5-year average of 91 percent leaves turning color. The **soybean acreage dropping leaves** was 71 percent, behind last year's progress of 73 percent but three days ahead of the 5-year average of 62 percent dropping leaves. The **soybean acreage harvested** was 5 percent, slightly ahead of last year. **Soybean** condition rated 12 percent very poor, 27 percent

poor, 42 percent fair, 18 percent good, and 1 percent excellent.

**Livestock, Pasture, and Range Report:** Despite more rainfall late last week, pond and other water sources for cattle remain short in different areas. Attractive prices continue to move cattle. **Pasture and range** condition rated 43 percent very poor, 28 percent poor, 22 percent fair, 6 percent good, and 1 percent excellent.

## Iowa Weather Summary

Statewide rain events on Thursday (18th) and Sunday (21st) brought an average of almost one-half inch of rain each. Weekly rainfall totals varied from 0.19 inches at Swea City and Lake Mills up to 2.18 inches at Keokuk. The statewide average precipitation was 0.93 inches or just slightly more than the weekly normal of 0.88 inches. After a record-dry August precipitation, so far this month has averaged almost exactly normal.

The past work week began with near seasonal temperatures on Monday (15th). Warmer weather prevailed Tuesday (16th) and Wednesday (17th) with afternoon highs mainly in the 80's. Temperatures again reached well into the 80's in eastern Iowa on Thursday (18th); however, a strong cold front held afternoon highs to only the low 50's in western Iowa. High temperatures on Friday (19th) were in the 60's while 70's prevailed in most areas on Saturday (20th). High temperatures on Sunday (21st) climbed to the low 70's in far eastern and western portions of the state but were only in the 50's in the central sections of Iowa where rain fell through much of the day. Temperature extremes for the week ranged from a Wednesday (17th) afternoon high of 90 degrees at Glenwood down to a Saturday (20th) morning low of 33 degrees at Clarinda. Temperatures for the week as a whole averaged from 4.0 degrees below normal at Ottumwa to 0.9 degrees above normal at Estherville.

Soil temperatures were averaging near 60 degrees statewide on Sunday (21st).

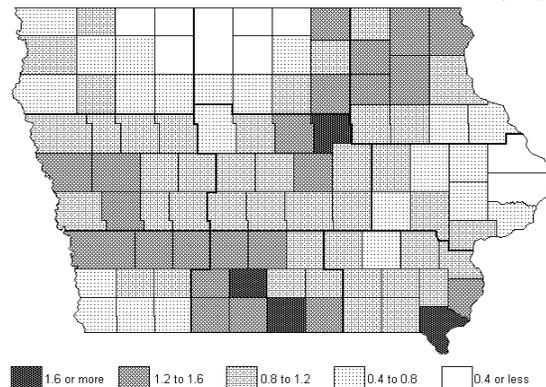
### Statewide Crop Conditions as of September 21, 2003

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	8	20	38	30	4
Range & Pasture	43	28	22	6	1
Soybeans	12	27	42	18	1

### Statewide Harvesting Conditions as of September 21, 2003

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	61	29	8	2
Corn ear droppage	72	24	3	1
Soybeans lodging	74	19	6	1
Soybeans shattering	82	16	2	0

PRECIPITATION FOR THE WEEK ENDING 7A.M., CDT, MONDAY, SEPTEMBER 22, 2003 (inches)



### Field Work and Crop Progress as of September 21, 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					
Corn mature (safe from frost)	66	68	65	82	83	77	77	81	77	74	50	77	79	
Corn harvested (grain or seed)	4	4	5	5	5	4	8	10	9	5	3	6	7	
Soybean leaves turning color	91	99	98	92	96	92	85	79	89	93	79	97	91	
Soybeans dropping leaves	74	86	80	63	79	67	54	37	73	71	39	73	62	

### Days Suitable & Soil Moisture Condition as of September 21, 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	4.7	5.2	5.4	5.5	5.2	4.9	5.8	4.3	4.9	5.1	5.1	5.0	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Topsoil moisture													
Very short	13	29	29	36	19	17	63	26	17	27	40	14	
Short	29	52	39	34	35	38	28	28	46	36	31	31	
Adequate	58	19	32	30	43	45	9	35	35	35	28	54	
Surplus	0	0	0	0	3	0	0	11	2	2	1	1	
Subsoil moisture													
Very short	33	51	42	39	38	42	77	60	32	45	51	21	
Short	35	42	41	42	50	46	21	32	58	41	36	32	
Adequate	32	7	17	19	12	12	2	7	10	14	13	46	
Surplus	0	0	0	0	0	0	0	1	0	0	0	1	

**Weather Summary For Iowa Agricultural Statistics Service  
Prepared by AWIS, Inc.  
For the week ending: Sunday, September 21, 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	84	38	61	3	0.38	-0.39	19.25	-0.53	78	15
Sioux Center	84	34	63	2	1.23	0.53	23.00	3.68	92	10
Spencer	87	39	62	3	0.36	-0.40	16.34	-4.30	89	19
Spirit Lake	86	39	62	4	0.49	-0.26	15.37	-4.24	87	-13
North Central District										
Britt	82	42	60	-2	0.17	-0.67	20.55	-0.95	73	-11
Humboldt	82	40	60	-2	0.22	-0.61	24.16	2.06	73	-2
Mason City	85	36	61	2	0.56	-0.33	20.20	-2.56	80	12
Northwood	84	38	60	1	0.30	-0.60	20.17	-2.06	70	4
North East District										
Decorah	85	35	62	0	1.09	0.19	15.50	-6.88	86	6
Dubuque	81	38	61	1	0.23	-0.86	18.17	-6.10	80	5
Elkader	85	38	61	0	0.89	0.06	23.08	0.94	80	-23
Independence	83	36	60	-2	0.78	-0.10	24.03	0.35	67	-29
Waterloo	85	37	64	4	0.82	-0.02	19.37	-3.47	98	21
West Central District										
Audubon	86	35	59	-5	0.36	-0.58	16.01	-6.29	66	-28
Carroll	85	37	60	-2	0.49	-0.35	20.73	-2.53	73	-6
Castana	86	37	59	-4	0.38	-0.46	18.27	-2.49	71	-9
Guthrie Center	86	37	62	-1	0.31	-0.56	19.51	-3.46	85	-2
Harlan	88	36	61	-3	0.56	-0.56	16.08	-6.47	79	-2
Jefferson	86	39	61	-1	0.37	-0.47	25.33	2.07	79	0
Logan	89	35	59	-5	0.24	-0.63	19.64	-1.84	72	-21
Rockwell City	84	37	59	-5	0.30	-0.59	23.53	1.18	67	-22
Sioux City	87	35	62	-1	0.87	0.18	22.09	4.04	89	2
Central District										
Ames	84	35	61	0	0.00	-0.77	21.06	-3.03	81	2
Boone	84	38	62	-1	0.39	-0.45	25.86	2.37	84	-2
Des Moines	84	41	65	0	0.46	-0.35	19.94	-2.09	103	3
Eldora	84	41	61	0	0.31	-0.46	23.53	0.23	82	1
Marshalltown	82	37	62	2	0.73	-0.11	20.31	-3.34	85	8
Newton	82	38	62	-2	0.44	-0.51	23.90	1.32	85	-6
Perry	85	39	61	-1	0.00	-0.77	23.10	0.80	81	0
Toledo	82	39	61	-1	0.33	-0.51	19.33	-4.54	79	1
East Central District										
Cedar Rapids	84	38	63	0	0.67	-0.24	21.13	-1.31	90	2
Davenport	82	38	62	-3	0.45	-0.32	18.86	-3.02	87	-13
Iowa City	86	38	63	-3	0.55	-0.36	17.21	-7.22	91	-16
Lowden	84	35	61	-2	0.18	-0.82	16.96	-7.84	80	-7
Maquoketa	83	36	60	-2	0.18	-0.78	16.36	-6.34	70	-7
Muscatine	83	45	63	-2	0.71	-0.20	22.87	-0.04	95	18
South West District										
Clarinda	86	33	60	-4	0.52	-0.52	20.58	-4.66	71	-22
Glenwood	90	35	61	-4	0.51	-0.40	18.90	-3.98	81	-21
Oakland	87	38	61	-2	0.47	-0.49	17.23	-5.20	80	-5
Red Oak	89	38	62	-4	0.32	-0.72	17.06	-7.87	83	-22
Sidney	87	40	61	-4	0.29	-0.64	15.36	-8.19	82	-21
South Central District										
Allerton	80	39	60	-5	0.47	-0.62	22.60	-1.26	68	9
Beaconsfield	83	40	61	-3	0.69	-0.34	17.24	-5.83	77	-14
Chariton	82	36	60	-4	0.50	-0.69	21.47	-2.98	68	-23
Indianola	83	38	61	-3	0.66	-0.25	24.21	1.40	78	-13
Leon	81	35	60	-4	0.51	-0.47	23.62	-0.33	70	-23
South East District										
Bloomfield	80	43	62	-4	0.39	-0.69	24.82	0.59	85	-20
Burlington	82	41	63	-3	0.47	-0.51	21.05	-1.35	94	-9
Ottumwa	81	38	62	-3	0.39	-0.63	17.28	-5.17	86	-17

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.