

# Iowa Crops & Weather



## Iowa Agricultural Statistics

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For the week ending October 17, 2004

### Heavy Harvest Activity

**Agricultural Summary:** Harvest was in full swing across Iowa last week. Some producers are virtually done with soybeans and there were reports of farmers switching over to corn within a day of completing their beans. Reporters indicated corn has been slow to dry. They also noted off-farm storage is starting to fill up quickly and there have been lines at elevators. In the southern section of the state, farmers would like to see some precipitation as the area is very dry. Other field activities this past week included fall tillage and some limited dry fertilizer application.

There were 5.9 days suitable for fieldwork this week in Iowa. **Topsoil moisture** rated 12 percent very short, 25 percent short, 57 percent adequate, and 6 percent surplus. **Subsoil moisture** rated 10 percent very short, 24 percent short, 61 percent adequate, and 5 percent surplus.

**Field Crops Report:** The **corn acreage harvested for grain or seed** was 30 percent, approximately 5 days behind both last year's and the 5-year average of 48 percent harvested at this time. The **average percent moisture of all field corn** was 21 percent, while the **average percent moisture of harvested field corn** was 19 percent. **Corn lodging** rated 58 percent none, 26 percent light, 13 percent moderate, and 3 percent heavy. **Corn ear droppage** rated 68 percent none, 24 percent light, 7 percent moderate, and 1 percent heavy. **Soybean acreage harvested** reached 91 percent, identical to last year's pace and 4 days ahead of the 5-year average of 83 percent harvested. **Soybeans lodging** rated 66 percent none, 25 percent light, 8 percent moderate, and 1 percent heavy. **Soybeans shattering** rated 59 percent none, 25 percent light, 14 percent moderate, and 2 percent heavy.

**Fall fertilizer application** in preparation for the 2005 season was 11 percent complete statewide. **Grain movement** from farm to

elevator was rated 20 percent none, 29 percent light, 40 percent moderate, 11 percent heavy. **Off-farm grain storage availability** rated 33 percent short, 64 percent adequate, 3 percent surplus. **On-farm grain storage availability** rated 40 percent short, 57 percent adequate, 3 percent surplus.

**Livestock, Pasture, and Range Report:** Cows were getting out on bean stubble and corn stalks. Some lots in southern Iowa are starting to get dry and dusty, while some of those in the north remain wet and muddy. **Pasture and range condition** was rated 6 percent very poor, 17 percent poor, 32 percent fair, 38 percent good, and 7 percent excellent.

### Iowa Weather Summary

The past work week began with near seasonal temperatures on Monday (11th), Tuesday (12th) and Wednesday (13th). Much colder weather prevailed for the remainder of the week with highs only in the 40's and 50's until Sunday (17th) afternoon when 60's returned to the southwest. A hard freeze was recorded across the northeast one-half of Iowa on Sunday (17th) morning with lows in the low to mid 20's. Temperature extremes for the week all came on Sunday with morning lows down to 22 degrees at Dubuque, Mason City and Waterloo and an afternoon high of 70 degrees at Glenwood. Temperatures for the week as a whole averaged 5.7 degrees below normal.

Light to moderate rain fell across extreme southern Iowa on Tuesday (12th) with light rain showers across portions of central and eastern Iowa on Wednesday, Thursday and Friday. No rain was reported during the week across much of the western one-third of Iowa. Only a few locations recorded more than one-third of an inch of rain with Bloomfield the wet spot with 0.80 inches. The statewide average precipitation was only 0.09 inches while normal for the week is 0.57 inches.

#### Statewide Crop Conditions as of October 17, 2004

| Item            | Very Poor | Poor    | Fair    | Good    | Excellent |
|-----------------|-----------|---------|---------|---------|-----------|
|                 | Percent   | Percent | Percent | Percent | Percent   |
| Range & Pasture | 6         | 17      | 32      | 38      | 7         |

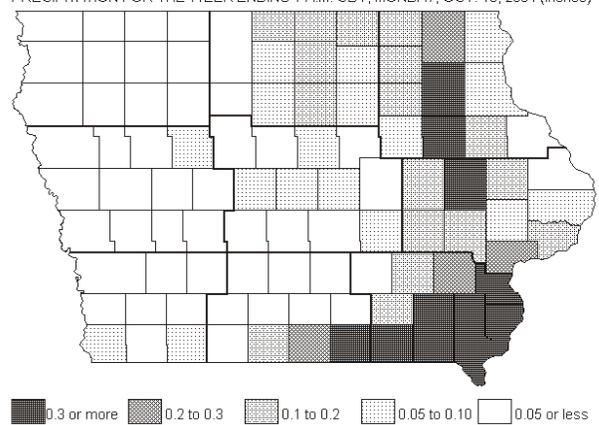
#### Statewide Harvesting Conditions as of October 17, 2004

| Item                | None    | Light   | Moderate | Heavy   |
|---------------------|---------|---------|----------|---------|
|                     | Percent | Percent | Percent  | Percent |
| Corn lodging        | 58      | 26      | 13       | 3       |
| Corn ear droppage   | 68      | 24      | 7        | 1       |
| Soybeans lodging    | 66      | 25      | 8        | 1       |
| Soybeans shattering | 59      | 25      | 14       | 2       |

#### Statewide Grain Storage Availability as of October 17, 2004

| Item                    | Short   | Adequate | Surplus |
|-------------------------|---------|----------|---------|
|                         | Percent | Percent  | Percent |
| On-farm, grain storage  | 40      | 57       | 3       |
| Off-farm, grain storage | 33      | 64       | 3       |

State Climatologist, Iowa Dept. of Agriculture & Land Stewardship  
 PRECIPITATION FOR THE WEEK ENDING 7 A.M. CDT, MONDAY, OCT. 18, 2004 (inches)



#### Statewide Post-Harvest Conditions as of October 17, 2004

| Item           | None    | Light   | Moderate | Heavy   |
|----------------|---------|---------|----------|---------|
|                | Percent | Percent | Percent  | Percent |
| Grain movement | 20      | 29      | 40       | 11      |

#### Field Work and Crop Progress as of October 17, 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 harvested (grain or seed) | 20        | 24      | 32      | 30      | 29      | 36      | 35      | 31      | 47      | 30 | 16    | 48        | 48        |        |
| Soybeans harvested             | 95        | 94      | 93      | 96      | 96      | 84      | 89      | 80      | 71      | 91 | 81    | 91        | 83        |        |

#### Days Suitable & Soil Moisture Condition as of October 17, 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    | 6.1       | 5.5     | 5.9     | 6.8     | 5.8     | 5.3     | 6.9     | 5.3     | 4.8     | 5.9     | 5.7     | 6.2       |           |
|                  | Percent   | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent   |           |
| Topsoil moisture |           |         |         |         |         |         |         |         |         |         |         |           |           |
| Very short       | 0         | 4       | 12      | 29      | 12      | 6       | 37      | 7       | 3       | 12      | 13      | 36        |           |
| Short            | 3         | 13      | 21      | 34      | 31      | 26      | 43      | 29      | 29      | 25      | 25      | 40        |           |
| Adequate         | 75        | 79      | 65      | 37      | 54      | 68      | 19      | 52      | 56      | 57      | 58      | 24        |           |
| Surplus          | 22        | 4       | 2       | 0       | 3       | 0       | 1       | 12      | 12      | 6       | 4       | 0         |           |
| Subsoil moisture |           |         |         |         |         |         |         |         |         |         |         |           |           |
| Very short       | 1         | 8       | 14      | 24      | 10      | 7       | 17      | 3       | 6       | 10      | 12      | 51        |           |
| Short            | 3         | 27      | 20      | 45      | 17      | 26      | 41      | 17      | 26      | 24      | 27      | 38        |           |
| Adequate         | 79        | 62      | 62      | 31      | 67      | 67      | 42      | 80      | 58      | 61      | 57      | 11        |           |
| Surplus          | 17        | 3       | 4       | 0       | 6       | 0       | 0       | 0       | 10      | 5       | 4       | 0         |           |

**Weather Summary For Iowa Agricultural Statistics Service**  
**Prepared by AWIS, Inc.**  
**For the week ending: Sunday, October 17, 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            | 70           | 25 | 45  | -4  | 0.02          | -0.43 | 32.08         | 10.19 | 5            | -13 |
| Sioux Center           | 69           | 26 | 46  | -6  | 0.00          | -0.45 | 23.71         | 2.37  | 6            | -22 |
| Spencer                | 72           | 25 | 46  | -5  | 0.00          | -0.47 | 31.32         | 8.56  | 8            | -14 |
| Spirit Lake            | 72           | 26 | 46  | -4  | 0.00          | -0.42 | 29.38         | 7.75  | 13           | -28 |
| North Central District |              |    |     |     |               |       |               |       |              |     |
| Britt                  | 69           | 26 | 44  | -9  | 0.13          | -0.33 | 27.20         | 3.43  | 6            | -26 |
| Humboldt               | 68           | 30 | 47  | -6  | 0.03          | -0.46 | 22.19         | -2.21 | 8            | -15 |
| Mason City             | 70           | 22 | 44  | -6  | 0.12          | -0.42 | 36.26         | 11.00 | 4            | -20 |
| Northwood              | 69           | 26 | 46  | -5  | 0.13          | -0.39 | 38.92         | 14.24 | 5            | -18 |
| North East District    |              |    |     |     |               |       |               |       |              |     |
| Decorah                | 64           | 23 | 45  | -7  | 0.33          | -0.17 | 36.01         | 11.22 | 1            | -28 |
| Dubuque                | 66           | 23 | 47  | -4  | 0.02          | -0.55 | 18.34         | -8.73 | 11           | -16 |
| Elkader                | 69           | 26 | 46  | -6  | 0.16          | -0.40 | 26.77         | 2.22  | 6            | -33 |
| Independence           | 71           | 24 | 46  | -5  | 0.34          | -0.22 | 28.75         | 2.56  | 9            | -27 |
| Waterloo               | 71           | 22 | 47  | -5  | 0.05          | -0.53 | 20.27         | -5.09 | 11           | -14 |
| West Central District  |              |    |     |     |               |       |               |       |              |     |
| Audubon                | 70           | 31 | 47  | -7  | 0.00          | -0.59 | 26.96         | 1.93  | 5            | -29 |
| Carroll                | 72           | 30 | 48  | -4  | 0.00          | -0.54 | 19.19         | -6.49 | 11           | -15 |
| Castana                | 72           | 29 | 48  | -6  | 0.00          | -0.54 | 17.53         | -5.70 | 14           | -16 |
| Guthrie Center         | 72           | 28 | 47  | -6  | 0.00          | -0.58 | 26.13         | 0.59  | 5            | -24 |
| Harlan                 | 72           | 29 | 48  | -5  | 0.00          | -0.57 | 23.66         | -1.85 | 13           | -16 |
| Jefferson              | 73           | 32 | 49  | -4  | 0.01          | -0.53 | 25.49         | -0.19 | 14           | -12 |
| Logan                  | 73           | 28 | 48  | -5  | 0.00          | -0.56 | 21.33         | -2.72 | 9            | -22 |
| Rockwell City          | 71           | 30 | 47  | -6  | 0.04          | -0.49 | 26.79         | 1.93  | 11           | -20 |
| Sioux City             | 71           | 30 | 48  | -5  | 0.00          | -0.44 | 17.58         | -2.45 | 14           | -17 |
| Central District       |              |    |     |     |               |       |               |       |              |     |
| Ames                   | 70           | 29 | 48  | -4  | 0.08          | -0.50 | 28.04         | 1.51  | 12           | -18 |
| Boone                  | 72           | 29 | 48  | -5  | 0.07          | -0.53 | 23.88         | -2.17 | 13           | -19 |
| Des Moines             | 70           | 34 | 50  | -5  | 0.00          | -0.60 | 24.62         | 0.09  | 19           | -22 |
| Eldora                 | 71           | 28 | 47  | -5  | 0.03          | -0.57 | 25.97         | 0.23  | 11           | -20 |
| Marshalltown           | 69           | 23 | 47  | -5  | 0.08          | -0.48 | 23.31         | -2.79 | 12           | -17 |
| Newton                 | 69           | 29 | 48  | -6  | 0.04          | -0.57 | 25.20         | -0.13 | 13           | -24 |
| Perry                  | 71           | 30 | 47  | -5  | 0.01          | -0.55 | 24.07         | -0.62 | 8            | -23 |
| Toledo                 | 69           | 27 | 46  | -5  | 0.03          | -0.53 | 20.07         | -6.22 | 9            | -21 |
| East Central District  |              |    |     |     |               |       |               |       |              |     |
| Cedar Rapids           | 68           | 25 | 48  | -6  | 0.35          | -0.15 | 23.42         | -1.43 | 14           | -18 |
| Davenport              | 67           | 24 | 50  | -5  | 0.07          | -0.54 | 23.18         | -1.12 | 19           | -22 |
| Iowa City              | 71           | 30 | 51  | -5  | 0.22          | -0.41 | 25.91         | -1.24 | 26           | -19 |
| Lowden                 | 69           | 24 | 48  | -4  | 0.09          | -0.49 | 25.93         | -1.56 | 11           | -23 |
| Maquoketa              | 67           | 24 | 48  | -4  | 0.04          | -0.49 | 23.43         | -1.81 | 9            | -19 |
| Muscatine              | 67           | 27 | 49  | -6  | 0.20          | -0.43 | 23.82         | -1.80 | 18           | -10 |
| South West District    |              |    |     |     |               |       |               |       |              |     |
| Clarinda               | 71           | 30 | 49  | -5  | 0.02          | -0.60 | 25.00         | -3.14 | 15           | -19 |
| Glenwood               | 76           | 28 | 49  | -5  | 0.01          | -0.55 | 20.92         | -4.56 | 21           | -21 |
| Oakland                | 71           | 30 | 49  | -3  | 0.06          | -0.54 | 25.49         | 0.27  | 15           | -15 |
| Red Oak                | 72           | 29 | 50  | -5  | 0.00          | -0.53 | 20.87         | -6.74 | 18           | -22 |
| Sidney                 | 71           | 32 | 50  | -6  | 0.05          | -0.59 | 22.67         | -3.72 | 19           | -24 |
| South Central District |              |    |     |     |               |       |               |       |              |     |
| Allerton               | 69           | 30 | 48  | -6  | 0.23          | -0.47 | 31.49         | 4.43  | 10           | -9  |
| Beaconsfield           | 70           | 32 | 49  | -5  | 0.00          | -0.65 | 28.55         | 2.52  | 15           | -23 |
| Chariton               | 69           | 28 | 48  | -7  | 0.00          | -0.65 | 25.13         | -2.55 | 9            | -29 |
| Indianola              | 70           | 31 | 49  | -5  | 0.04          | -0.60 | 25.74         | 0.17  | 20           | -17 |
| Leon                   | 70           | 28 | 48  | -6  | 0.18          | -0.50 | 30.58         | 3.67  | 11           | -27 |
| South East District    |              |    |     |     |               |       |               |       |              |     |
| Bloomfield             | 69           | 31 | 48  | -8  | 0.83          | 0.15  | 31.75         | 4.41  | 13           | -33 |
| Burlington             | 69           | 29 | 51  | -4  | 0.51          | -0.14 | 21.15         | -4.15 | 26           | -16 |
| Ottumwa                | 69           | 28 | 49  | -6  | 0.16          | -0.42 | 24.68         | -0.54 | 20           | -21 |

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.