



# Weather & Crops

CW 3112

October 31, 2012

## Preparing for the Storm

For the week ending, October 28, 2012, the days suitable for fieldwork were **6.0** days in Maryland and **6.0** days in Delaware. Temperatures were warmer than seasonal norms with average temperatures ranging from 7 to 12 degrees above normal with minimal moisture allowing for good weather for field work in preparation for Hurricane Sandy. The topsoil moisture ratings were short to adequate in Delaware and adequate in Maryland. The subsoil moisture ratings were short to adequate in Delaware and adequate in Maryland. Pasture conditions were good in Maryland and fair to good in Delaware. Hay supplies were adequate in Delaware and Maryland.

**Corn** progress in Maryland was 93 percent harvested for grain. Delaware corn progress was 99 percent harvested for grain. In Maryland, **soybeans** were 99 percent dropping leaves and 55 percent harvested. Delaware soybeans were 100 percent turning dropping leaves and 55 percent harvested. The fifth cutting of **alfalfa hay** was 85 percent complete in Maryland and 55 percent complete in Delaware. The third cutting of **other hay** in Maryland was 94 percent complete and the fourth cutting 19 percent complete. The third and fourth cuttings of other hay in Delaware were 100 percent complete and 78 percent complete, respectively. **Apple** harvest was complete in Maryland and Delaware. **Winter wheat** planting was 82 percent complete in Maryland and 75 percent complete in Delaware. In Maryland, **barley** planting was 94 percent complete, while in Delaware it was 95 percent complete.

### MARYLAND & DELAWARE'S CROP PROGRESS FOR WEEK ENDING October 28, 2012

| Crop                      | Maryland       |                |                |                   | Delaware       |                |                |                   |
|---------------------------|----------------|----------------|----------------|-------------------|----------------|----------------|----------------|-------------------|
|                           | Oct 28<br>2012 | Oct 21<br>2012 | Oct 30<br>2011 | 5-Year<br>Average | Oct 28<br>2012 | Oct 21<br>2012 | Oct 30<br>2011 | 5-Year<br>Average |
|                           | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i>    | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i>    |
| Alfalfa Hay, 5th cutting  | 85             | 75             |                | 33                | 55             | 45             |                | 29                |
| Other Hay, 3rd cutting    | 94             | 90             | 92             | 88                | 100            | 100            | 98             | 95                |
| Other Hay, 4th cutting    | 19             | 11             | 35             | 52                | 78             | 55             | 61             | 56                |
| Barley, planted           | 94             | 90             | 79             | 88                | 95             | 84             | 87             | 88                |
| Corn, harvested for grain | 93             | 85             | 81             | 84                | 99             | 96             | 94             | 91                |
| Soybeans, dropping leaves | 99             | 94             | 83             | 91                | 100            | 93             | 97             | 92                |
| Soybeans, harvested       | 55             | 30             | 30             | 46                | 55             | 27             | 23             | 38                |
| Winter Wheat, planted     | 82             | 72             | 68             | 72                | 75             | 54             | 63             | 57                |
| Winter Wheat, emerged     | 57             | 44             | 36             | 33                | 44             | 27             | 43             | 34                |
| Apples, harvested         | 100            | 98             | 95             | 96                | 100            | 92             | 98             | 93                |

**CROP CONDITIONS FOR WEEK ENDING October 28, 2012**

| Crop    | Maryland       |                |                |                |                | Delaware       |                |                |                |                |
|---------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|         | Very Poor      | Poor           | Fair           | Good           | Excellent      | Very Poor      | Poor           | Fair           | Good           | Excellent      |
|         | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Pasture | 2              | 12             | 24             | 54             | 8              | 4              | 24             | 41             | 29             | 2              |

**SOIL MOISTURE CONDITION FOR WEEK ENDING October 28, 2012**

| Condition  | Maryland         |                |                  |                | Delaware         |                |                  |                |
|------------|------------------|----------------|------------------|----------------|------------------|----------------|------------------|----------------|
|            | Topsoil Moisture |                | Subsoil Moisture |                | Topsoil Moisture |                | Subsoil Moisture |                |
|            | Oct 28           | Oct 21         | Oct 28           | Oct 21         | Oct 28           | Oct 21         | Oct 28           | Oct 21         |
|            | <i>Percent</i>   | <i>Percent</i> | <i>Percent</i>   | <i>Percent</i> | <i>Percent</i>   | <i>Percent</i> | <i>Percent</i>   | <i>Percent</i> |
| Very Short | 6                | 6              | 9                | 9              | 2                | 2              | 2                | 2              |
| Short      | 16               | 16             | 20               | 20             | 53               | 47             | 54               | 49             |
| Adequate   | 75               | 75             | 69               | 69             | 45               | 45             | 43               | 48             |
| Surplus    | 3                | 3              | 2                | 2              | 0                | 6              | 1                | 1              |

**WEATHER SUMMARY FOR THE WEEK ENDING October 28, 2012**

| Station                       | Precipitation <sup>1</sup> |                 |                             | Temperatures                  |                               |                               |                                 |
|-------------------------------|----------------------------|-----------------|-----------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|
|                               | Total This Week            | Since January 1 |                             | High                          | Low                           | Average                       | Departur<br>e<br>From<br>Normal |
|                               |                            | Total           | Departure<br>From<br>Normal |                               |                               |                               |                                 |
|                               | <i>Inches</i>              | <i>Inches</i>   | <i>Inches</i>               | <i>Degrees<br/>Fahrenheit</i> | <i>Degrees<br/>Fahrenheit</i> | <i>Degrees<br/>Fahrenheit</i> | <i>Degrees<br/>Fahrenheit</i>   |
| <b>Maryland</b>               |                            |                 |                             |                               |                               |                               |                                 |
| Baltimore/Washington AP       |                            | 27.14           | -6.69                       | 81                            | 43                            | 63                            | 10                              |
| Damascus                      | 0.10                       | 36.98           | 3.05                        | 77                            | 39                            | 61                            | 8                               |
| Frostburg                     | 0.03                       | 32.67           | -6.50                       | 75                            | 40                            | 58                            | 12                              |
| Hagerstown                    | 0.16                       | 29.30           | -2.96                       | 77                            | 40                            | 61                            | 10                              |
| Mechanicsville                |                            | 27.79           | -9.85                       | 77                            | 40                            | 60                            | 7                               |
| Patuxent River                | 0.31                       | 26.15           | -9.20                       | 78                            | 43                            | 64                            | 10                              |
| Ocean City                    | 0.42                       | 36.36           | -1.29                       | 75                            | 45                            | 63                            | 9                               |
| Salisbury                     | 1.00                       | 32.00           | -6.28                       | 81                            | 43                            | 65                            | 11                              |
| Sharpsburg                    |                            | 35.26           | 2.44                        | 79                            | 36                            | 59                            | 11                              |
| Stevensville                  | 0.02                       | 28.36           | -6.70                       | 78                            | 46                            | 62                            | 9                               |
| Washington DC Reagan National |                            | 24.08           | -8.11                       | 84                            | 48                            | 66                            | 10                              |
| <b>Delaware</b>               |                            |                 |                             |                               |                               |                               |                                 |
| Dover                         | 0.04                       | 20.98           | -16.28                      | 77                            | 47                            | 62                            | 8                               |
| Georgetown                    | 0.01                       | 24.41           | -12.52                      | 80                            | 45                            | 63                            | 11                              |
| Wilmington                    | 0.12                       | 26.74           | -7.15                       | 76                            | 44                            | 61                            | 9                               |

<sup>1</sup> Precipitation totals as of 7 A.M. on recorded date.