



Weather & Crops

CW 3011

October 24, 2011

Crop Emergence Assisted by Rainfall

For the week ending, October 23, 2011, the days suitable for fieldwork were **4.8** days in Delaware and **5.7** days in Maryland. Topsoil and subsoil moisture levels were mostly adequate. A Delaware crop reporter responded, *“Rain received earlier in the week should help with topsoil moisture and the emergence of small grains and cover crops.”* A Maryland crop reporter responded, *“Mid-week rain slowed harvest and small grain planting. Good progress made on soybeans.”*

The fourth cutting of **alfalfa hay** was 76 percent complete and 89 percent complete for Delaware and Maryland, respectively. **Other hay** progress in Delaware was 97 percent complete for the third cutting and 60 percent complete for the fourth cutting. The Maryland third and fourth cuttings of other hay were 91 percent and 34 percent complete, respectively. **Corn for grain** was 88 percent harvested in Delaware and 74 percent harvested in Maryland. In Delaware, 98 percent of **soybeans** had turned color, 95 percent had dropped leaves, and 17 percent were harvested. Maryland soybean progress was 92 percent turned color, 72 percent dropped leaves, and 21 percent harvested. Delaware **barley** planting was 80 percent complete and Maryland was 72 percent complete. **Winter wheat** planting was 54 percent complete in Delaware and 32 percent emerged. Maryland winter wheat planting was 60 percent complete and 32 percent emerged. **Apples** were 97 percent harvested in Delaware and 94 percent harvested in Maryland.

MARYLAND & DELAWARE'S CROP PROGRESS FOR WEEK ENDING October 23, 2011

| Crop | Maryland | | | | Delaware | | | |
|----------------------------|----------------|----------------|----------------|-------------------|----------------|----------------|----------------|-------------------|
| | Oct 23 2011 | Oct 16 2011 | Oct 24 2010 | 5-Year Average | Oct 23 2011 | Oct 16 2011 | Oct 24 2010 | 5-Year Average |
| | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent |
| Alfalfa Hay, 4th cutting | 89 | 82 | 85 | 88 | 76 | 75 | 87 | 86 |
| Other Hay, 3rd cutting | 91 | 89 | 100 | 85 | 97 | 95 | 100 | 92 |
| Other Hay, 4th cutting | 34 | 31 | 54 | 53 | 60 | 54 | 65 | 49 |
| Barley, planted | 72 | 57 | 85 | 84 | 80 | 62 | 85 | 76 |
| Corn, harvested for silage | 100 | 100 | 100 | 90 | 100 | 100 | 100 | 100 |
| Corn, harvested for grain | 74 | 68 | 90 | 80 | 88 | 86 | 100 | 85 |
| Soybeans, turned | 92 | 89 | 99 | 90 | 98 | 97 | 100 | 87 |
| Soybeans, dropping leaves | 72 | 60 | 92 | 89 | 95 | 85 | 100 | 86 |
| Soybeans, harvested | 21 | 10 | 59 | 39 | 17 | 5 | 55 | 32 |
| Winter Wheat, planted | 60 | 45 | 71 | 58 | 54 | 40 | 62 | 41 |
| Winter Wheat, emerged | 32 | | 43 | 17 | 32 | | 34 | 15 |
| Apples, harvested | 94 | 88 | 92 | 94 | 97 | 95 | 97 | 89 |

CROP CONDITIONS FOR WEEK ENDING October 23, 2011

| Crop | Maryland | | | | | Delaware | | | | |
|--------------|--------------|---------|---------|---------|-----------|--------------|---------|---------|---------|-----------|
| | Very Poor | Poor | Fair | Good | Excellent | Very Poor | Poor | Fair | Good | Excellent |
| | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent | Percent |
| Pasture | 1 | 8 | 22 | 55 | 14 | 14 | 23 | 20 | 41 | 2 |
| Soybeans | 1 | 12 | 32 | 46 | 9 | 1 | 6 | 18 | 37 | 38 |
| Winter Wheat | | | | 98 | 2 | | | 1 | 44 | 55 |

SOIL MOISTURE CONDITION FOR WEEK ENDING October 23, 2011

| Condition | Maryland | | | | Delaware | | | |
|------------|------------------|----------------|------------------|----------------|------------------|----------------|------------------|----------------|
| | Topsoil Moisture | | Subsoil Moisture | | Topsoil Moisture | | Subsoil Moisture | |
| | Oct 23 | Oct 16 |
| | <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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Short | 0 | 0 | 0 | 0 | 2 | 4 | 18 | 7 |
| Adequate | 82 | 75 | 85 | 80 | 75 | 79 | 58 | 81 |
| Surplus | 18 | 25 | 15 | 20 | 23 | 17 | 24 | 12 |

WEATHER SUMMARY FOR THE WEEK ENDING October 23, 2011

| Station | Precipitation ¹ | | | Temperatures | | | |
|-------------------------------|----------------------------|-----------------|-----------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|
| | Total This Week | Since January 1 | | High | Low | Average | Departur e From Normal |
| | | Total | Departure From Normal | | | | |
| | <i>Inches</i> | <i>Inches</i> | <i>Inches</i> | <i>Degrees Fahrenheit</i> | <i>Degrees Fahrenheit</i> | <i>Degrees Fahrenheit</i> | <i>Degrees Fahrenheit</i> |
| Maryland | | | | | | | |
| Baltimore/Washington AP | 0.76 | 47.04 | 13.81 | 74 | 38 | 59 | 4 |
| Damascus ² | 0.93 | 48.90 | 15.57 | 70 | 39 | 55 | |
| Frostburg | 0.83 | 47.81 | 9.30 | 69 | 34 | 49 | 1 |
| Hagerstown | 0.77 | 40.36 | 8.76 | 71 | 38 | 56 | 3 |
| Mechanicsville | 0.19 | 43.84 | 6.99 | 71 | 37 | 56 | 2 |
| Patuxent River | 0.31 | 36.96 | 2.27 | 72 | 40 | 60 | 5 |
| Ocean City | 0.85 | 30.11 | -6.88 | 71 | 38 | 59 | 4 |
| Salisbury | 0.88 | 35.31 | -2.31 | 75 | 37 | 61 | 5 |
| Sharpsburg | 1.08 | 40.91 | 8.73 | 72 | 35 | 54 | 4 |
| Stevensville | 0.22 | 40.03 | 5.57 | 72 | 43 | 59 | 4 |
| Washington DC Reagan National | 0.50 | 38.52 | 6.93 | 74 | 43 | 60 | 2 |
| Delaware | | | | | | | |
| Dover | 0.78 | 39.60 | 2.95 | 72 | 43 | 59 | 2 |
| Georgetown | 0.74 | 32.66 | -3.61 | 75 | 39 | 60 | 6 |
| Wilmington | 0.60 | 46.41 | 13.06 | 71 | 38 | 58 | 4 |

¹ Precipitation totals as of 7 A.M. on recorded date.

² Frederick replaced with Damascus.