A Few Scattered Showers This Week, but More Is Needed

For the week ending, September 22, 2013, the days suitable for fieldwork were 6.5 days in Delaware and 7.0 days in Maryland. Topsoil and subsoil moisture levels were rated from short to adequate. Corn and soybeans were rated mostly good to excellent condition in Maryland, and mostly good in Delaware. A Delaware crop reporter responded, “Corn harvest progressing well. Double crop soybeans will suffer due to dry conditions…” A Maryland crop reporter responded, “Last Saturday the soil was so dry I could not find any moist area at all. Saturday evening Harford County received around 1 inch of rain which improved conditions but more rain is needed…”

Hay supplies were rated mostly short to adequate in both states. Pasture conditions were rated mostly fair to good in both states. The third cutting of other hay in Maryland and Delaware was 87 percent and 99 percent respectively. The fourth cutting of alfalfa hay was 51 percent complete in Maryland and 68 percent complete in Delaware. Corn progress 96 percent in the dent stage, 70 percent mature, with 30 percent harvested for grain in Maryland. Delaware corn progress was 100 percent in the dent stage, 89 percent mature, with 42 percent harvested for grain. Soybeans were 100 percent setting pods with 48 percent turning color, and 24 percent dropping leaves in Maryland. Delaware soybeans were 97 percent setting pods with 36 percent turning color, and 7 percent dropping leaves. Vegetable and Melon harvesting is winding down across both states.

MARYLAND & DELAWARE'S CROP PROGRESS FOR WEEK ENDING September 22, 2013

<table>
<thead>
<tr>
<th>Crop</th>
<th>Maryland Sep 22 2013</th>
<th>Maryland Sep 23 2012</th>
<th>Maryland 5-Year Average</th>
<th>Delaware Sep 22 2013</th>
<th>Delaware Sep 23 2012</th>
<th>Delaware 5-Year Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn, dent</td>
<td>96</td>
<td>97</td>
<td>95</td>
<td>100</td>
<td>100</td>
<td>99</td>
</tr>
<tr>
<td>Corn, mature</td>
<td>70</td>
<td>90</td>
<td>80</td>
<td>89</td>
<td>96</td>
<td>88</td>
</tr>
<tr>
<td>Corn, harvested for silage</td>
<td>92</td>
<td>94</td>
<td>86</td>
<td>89</td>
<td>99</td>
<td>79</td>
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<tr>
<td>Corn, harvested for grain</td>
<td>30</td>
<td>33</td>
<td>35</td>
<td>42</td>
<td>45</td>
<td>37</td>
</tr>
<tr>
<td>Soybeans, setting pods</td>
<td>100</td>
<td>100</td>
<td>98</td>
<td>97</td>
<td>100</td>
<td>99</td>
</tr>
<tr>
<td>Soybeans, turned</td>
<td>48</td>
<td>53</td>
<td>53</td>
<td>36</td>
<td>37</td>
<td>44</td>
</tr>
<tr>
<td>Soybeans, dropping leaves</td>
<td>24</td>
<td>20</td>
<td>25</td>
<td>7</td>
<td>10</td>
<td>17</td>
</tr>
<tr>
<td>Cucumbers, harvested</td>
<td>95</td>
<td>100</td>
<td>97</td>
<td>99</td>
<td>100</td>
<td>98</td>
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<tr>
<td>Lima Beans, harvested (Proc)</td>
<td>83</td>
<td>89</td>
<td>80</td>
<td>69</td>
<td>89</td>
<td>83</td>
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<tr>
<td>Snap Beans, harvested</td>
<td>97</td>
<td>100</td>
<td>97</td>
<td>100</td>
<td>95</td>
<td>95</td>
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<tr>
<td>Sweet Corn, harvested</td>
<td>96</td>
<td>98</td>
<td>96</td>
<td>100</td>
<td>98</td>
<td>98</td>
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<tr>
<td>Tomatoes, harvested</td>
<td>91</td>
<td>93</td>
<td>93</td>
<td>100</td>
<td>99</td>
<td>96</td>
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<tr>
<td>Cantaloups, harvested</td>
<td>96</td>
<td>97</td>
<td>97</td>
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<td>99</td>
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<tr>
<td>Watermelons, harvested</td>
<td>94</td>
<td>98</td>
<td>98</td>
<td>100</td>
<td>100</td>
<td>99</td>
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<tr>
<td>Crop</td>
<td>Very Poor</td>
<td>Poor</td>
<td>Fair</td>
<td>Good</td>
<td>Excellent</td>
<td>Very Poor</td>
</tr>
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<td>-----------</td>
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<td>------</td>
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</tr>
<tr>
<td>Pasture</td>
<td>2</td>
<td>7</td>
<td>28</td>
<td>56</td>
<td>7</td>
<td>1</td>
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<tr>
<td>Corn</td>
<td>1</td>
<td>7</td>
<td>32</td>
<td>60</td>
<td>2</td>
<td>8</td>
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<tr>
<td>Soybeans</td>
<td>1</td>
<td>19</td>
<td>52</td>
<td>28</td>
<td>1</td>
<td>6</td>
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<tr>
<td>Apples</td>
<td>2</td>
<td>94</td>
<td>4</td>
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### Soil Moisture Condition for Week Ending September 22, 2013

<table>
<thead>
<tr>
<th>Condition</th>
<th>Maryland Topsoil Moisture</th>
<th>Maryland Subsoil Moisture</th>
<th>Delaware Topsoil Moisture</th>
<th>Delaware Subsoil Moisture</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Percent</td>
<td>Percent</td>
<td>Percent</td>
<td>Percent</td>
</tr>
<tr>
<td>Sep 22</td>
<td>Sep 15</td>
<td>Sep 22</td>
<td>Sep 15</td>
<td>Sep 22</td>
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<tr>
<td>Very Short</td>
<td>11</td>
<td>8</td>
<td>7</td>
<td>7</td>
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<tr>
<td>Short</td>
<td>32</td>
<td>32</td>
<td>27</td>
<td>29</td>
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<tr>
<td>Adequate</td>
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<td>53</td>
<td>66</td>
<td>57</td>
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<tr>
<td>Surplus</td>
<td>0</td>
<td>7</td>
<td>0</td>
<td>7</td>
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### Weather Summary for the Week Ending September 22, 2013

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<tr>
<th>Station</th>
<th>Precipitation 1</th>
<th>Temperatures</th>
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<tbody>
<tr>
<td></td>
<td>Total This Week</td>
<td>Since January 1</td>
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<tr>
<td></td>
<td>Inches</td>
<td>Inches</td>
</tr>
<tr>
<td>Maryland</td>
<td></td>
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<tr>
<td>Baltimore/Washington AP</td>
<td>0.98</td>
<td>27.26</td>
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<tr>
<td>Damascus</td>
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<td>33.93</td>
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<tr>
<td>Frostburg</td>
<td>0.58</td>
<td>32.87</td>
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<td>Hagerstown</td>
<td>1.03</td>
<td>22.55</td>
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<tr>
<td>Mechanicsville</td>
<td>0.67</td>
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<td>Patuxent River</td>
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<td>31.31</td>
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<tr>
<td>Ocean City</td>
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<td>Salisbury</td>
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<tr>
<td>Stevensville</td>
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<tr>
<td>Washington DC Reagan National</td>
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<td>29.57</td>
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<tr>
<td>Delaware</td>
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<tr>
<td>Dover</td>
<td>0.37</td>
<td>33.96</td>
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<tr>
<td>Georgetown</td>
<td>0.41</td>
<td>44.18</td>
</tr>
<tr>
<td>Wilmington</td>
<td>1.47</td>
<td>38.24</td>
</tr>
</tbody>
</table>

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

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