Agricultural Drought Listening Session

November 15, 2016
8:30 – 11:30 AM
Agricultural Water Security at UConn Extension

– NRCS Regional Conservation Partnership Program (RCPP)

Our work has focused on:
– Understanding water use on agricultural operations
– Providing technical assistance for drought planning and management
– Connecting producers to financial assistance for conservation goals and projects
– Cost/benefit analyses of technologies
October 25, 2016
(Released Thursday, Oct. 27, 2016)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

<table>
<thead>
<tr>
<th></th>
<th>None</th>
<th>D0-D4</th>
<th>D1-D4</th>
<th>D2-D4</th>
<th>D3-D4</th>
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<tbody>
<tr>
<td>Current</td>
<td>32.69</td>
<td>67.31</td>
<td>51.68</td>
<td>22.84</td>
<td>2.59</td>
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<td>Last Week</td>
<td>23.20</td>
<td>76.80</td>
<td>52.73</td>
<td>25.96</td>
<td>5.04</td>
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<td>10/18/2016</td>
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<tr>
<td>3 Months Ago</td>
<td>34.19</td>
<td>65.81</td>
<td>29.09</td>
<td>10.10</td>
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<tr>
<td>7/23/2016</td>
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<tr>
<td>Start of</td>
<td>62.10</td>
<td>37.90</td>
<td>6.60</td>
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<td>12/29/2015</td>
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<tr>
<td>Start of</td>
<td>21.72</td>
<td>78.28</td>
<td>40.32</td>
<td>19.59</td>
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<td>Water Year</td>
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<td>9/27/2016</td>
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<td>One Year Ago</td>
<td>72.64</td>
<td>27.36</td>
<td>6.39</td>
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Intensity:
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:
David Simler
Western Regional Climate Center

http://droughtmonitor.unl.edu/
Precipitation

- Past 3 months: 25-75% of normal
- Past 6 months: 50-75% of normal
Connecticut Drought Declarations
October 26, 2016

This assessment was made by the Interagency Drought Workgroup in accordance with the Connecticut Drought Preparedness and Response Plan.

Further information is available at www.ct.gov/waterstatus

CT Drought Stages
- Drought Advisory
- Drought Watch
- Drought Warning
- Drought Emergency
U.S. Seasonal Drought Outlook
Drought Tendency During the Valid Period

Valid for October 20 - January 31, 2017
Released October 20, 2016

Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short-lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

Author:
Anthony Artusa
NOAA/NWS/NCEP/Climate Prediction Center

http://go.usa.gov/3eZ73
What is the forecast?

- Drought will persist
- Weak to neutral La Nina this winter (relatively decreased cooling effect)
Now we want to hear from you...
Identifying the problem

What are your concerns related to agricultural water security?
Brainstorming solutions

What ideas do you have for addressing these concerns?
The role of UConn Extension

How do you think UConn Extension can best support the farming community’s needs related to our water security?
Committing to action

What is your next step for helping to achieve water security in Connecticut?
Contact Us

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