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IL Extension

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**Date**

September 7, 2023

**County**

United States

**Region/State**

Region 1

**Field Photo Upload 1**



**Field Photo Upload 2**



### Field Photo Upload 3



### Field Photo Upload Caption 1

Corn - Grundy County September 7, 2023

### Field Photo Upload Caption 2

Resistant waterhemp 2023 Farm Progress Show

### Field Photo Upload Caption 3

Green Stink Bug instar - Grundy County September 7th , 2023

### Which of the following best describes current conditions in this county?

Moderately Dry (soil is dry, plants may be browning or stressed, water bodies are low)

If conditions are on the dry end, which of the following US Drought Monitor categories best fit current conditions. To better judge the fit, see explanation of USDM categories here:

<https://droughtmonitor.unl.edu/About/AbouttheData/DroughtClassification.aspx>

Moderate Drought (D1)

### Quick synopsis of conditions that will appear in the main feed

Corn is at R5 (dent) and most soy is at R6 (full seed), fields that still have green tissue are benefitting from recent rainfall. Areas that experienced drought conditions after pollination and during grain fill can expect

corn kernel abortion near the ear tip and smaller and lighter kernels. This would be a good year to check stalk strength among hybrids and plan field harvest order accordingly. Some encouragement to hand-pull surviving Waterhemp in fields before they produce viable seed. Last week at the Farm Progress Show Dr. Aaron Hager's team demonstrated Waterhemp samples collected from populations that were resistant to six herbicide modes of action. This includes Group 4, the growth regulators which include 2,4-D and dicamba. It has been an uneventful insect pest year to date; however, Soybean aphids were recently collected in Northeast Illinois by the Suction Trap Network <https://suctiontrapnetwork.org/> and Stink bugs are easily found in soy fields I have visited.