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Date

July 20, 2023

County

United States

Region/State

Region 3

Field Photo Upload 1



Field Photo Upload 2



Field Photo Upload Caption 1

Early morning mist - Grundy County July 18th

Field Photo Upload Caption 2

Mid-day light interception corn - Grundy County July 20th

Field Photo Upload Caption 3

Waterhemp in Corn - Grundy County July 13,2023

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

Mildly Dry (soil is drier than normal, plant growth may have slowed)

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>

Near Normal (Dnada)

Quick synopsis of conditions that will appear in the main feed

Wheat harvest has mostly wrapped up in NE Illinois. This week fungicide applications started in earnest, I observed fields sprayed by plane, helicopter, ground rigs and a drone! Many growers simply include a fungicide application in their management plan; however, we still encourage scouting to determine disease pressure before committing to a fungicide application. Being aware of requirements and favorable conditions for certain diseases. Examples include Northern Corn Leaf Blight and Tar Spot, both require extended periods of leaf wetness (6 - 7 Hours) for establishment. With recent rainfall many have noted early morning mist settling over some fields, facilitating the leaf wetness requirement. For those still considering an application, the Fungicide Efficacy Guides (from Land Grant Universities) have been updated for 2023 and can be accessed at <https://cropprotectionnetwork.org/news/fungicide-efficacy-guides-updated-for-2023> Will the dry weather in June and resulting shorter corn plants have an effect on final yield? One of the things I have noted scouting some corn fields is the amount of light reaching the ground. In my experience during good growing seasons very little light reaches the ground at R1. As the picture demonstrates, that is not the case in all fields this year.