



SCOULAR™

Crop Progress Report

By: Amanda Host

July 22, 2022

Scoular Origination

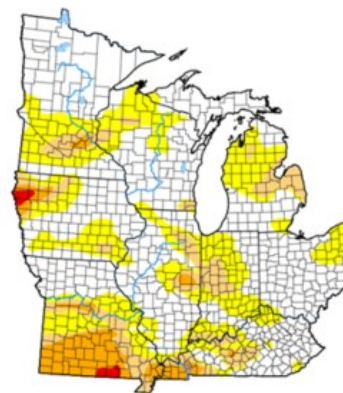
Last two weeks have been HOT, some areas reaching 100+ degrees. Scoular acres were feeling the stress of the hot weather. The corn, soybeans & my front lawn were begging for rain. Thankfully last weekend, scattered showers rolled through the Midwest, relieving stress from the crops in IL, IN and parts of Kentucky.

Scoular— Covington doesn't need more rain, they were wet throughout planting & have been getting 1-3 inches every week.

Farmers out in Western Nebraska, Western Iowa, Kansas and Southern Missouri are experiencing an extreme drought. Yields in these areas will be effected from this.

"Western Nebraska is starting to get very very dry.. I'm nervous to tell ya the truth" said Farmer Ryan

Midwest Drought Monitor



Map released: Thurs. July 21, 2022

Data valid: July 19, 2022 at 8 a.m. EDT

Intensity



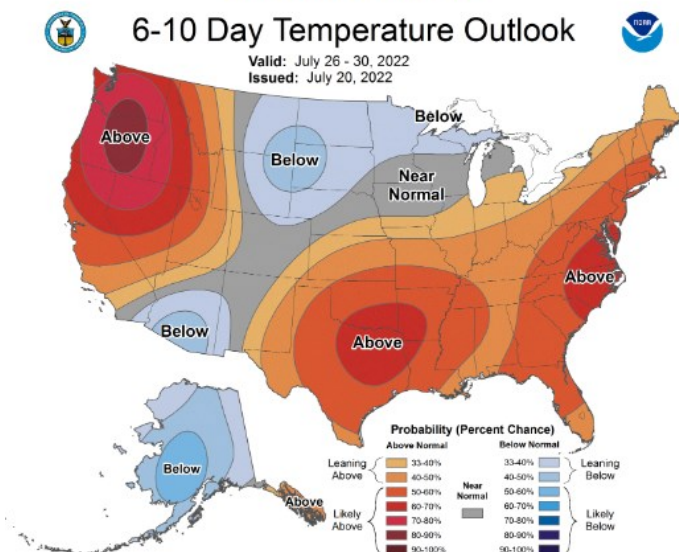
Authors

United States and Puerto Rico Author(s):
 Brian Fuchs, National Drought Mitigation Center
 Pacific Islands and Virgin Islands Author(s):
 Ahira Sanchez-Lugo, NOAA/NCEI

Rain fall from July 6,, 2022 — July 20, 2022

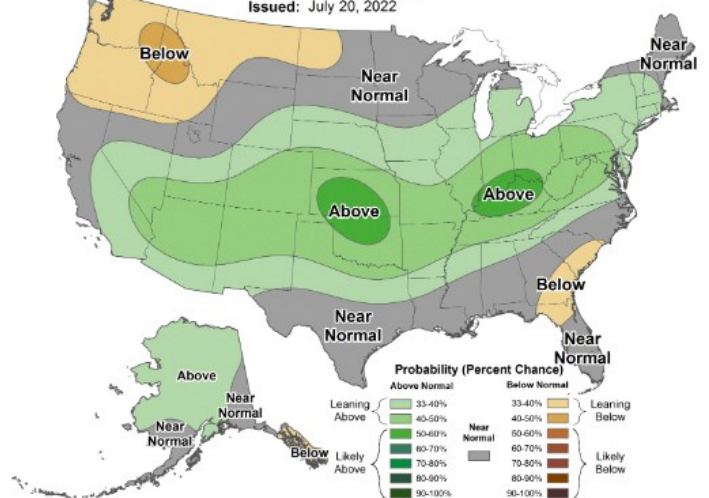
Andres, IL : 1.74"	Covington, OH : 4.33"
Poplar Grove, IL : 1.36"	Bowling Green, OH : 2.75"
Dekalb, IL : 2.19"	Lima, OH : 4.14"
Kankakee, IL : 2.33"	Omaha, NE: 0.44"
Tampico, IL : 1.25"	Genoa, NE: 0.41"
Lowell, IN : 1.53"	Sioux City, IA: 3.29"

Temperature Probability

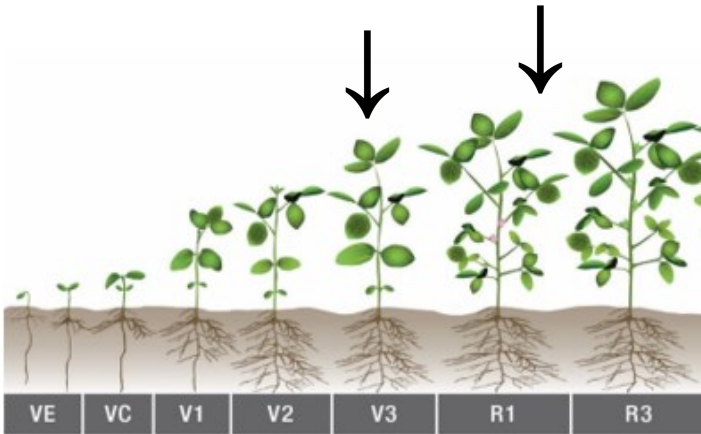


6-10 Day Precipitation Outlook

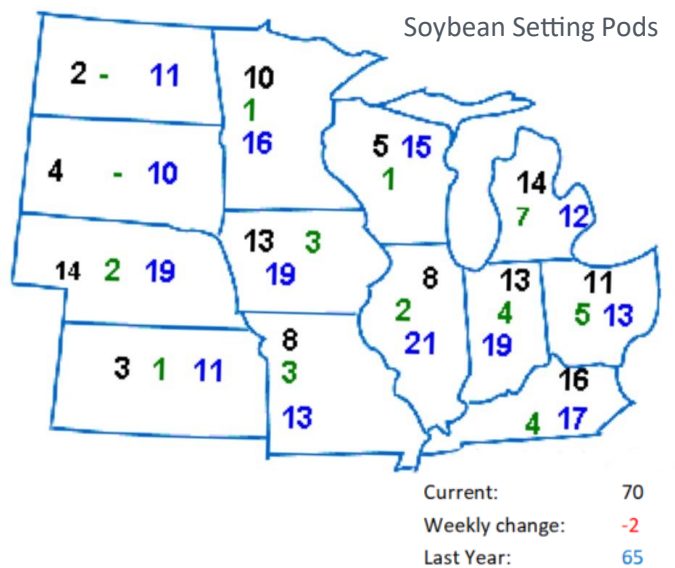
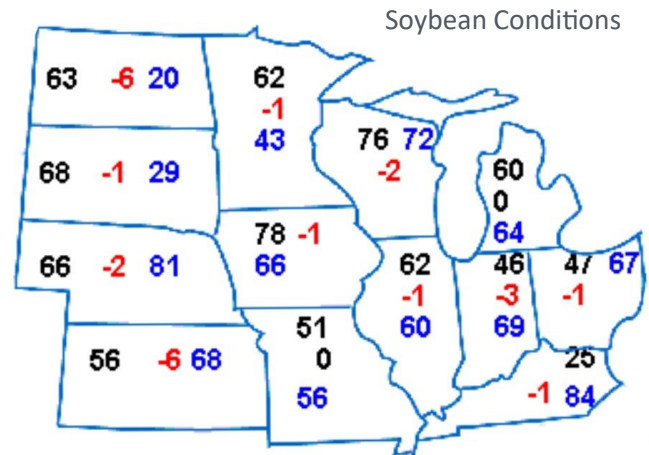
Valid: July 26 - 30, 2022
 Issued: July 20, 2022



Soybean Update



First planted soybeans are blooming flowers like crazy. Within 1-3 weeks soybeans should be setting pods. Less than 15% of the soybeans have started to set pods.



Scoular Origination



ANDRES TEST PLOT

Scoular—Andres's 2022 test plot is filling in nicely. This was planted on June 5th 2022

Protein & Oil Content vs. Drought

After a discussion with an Indiana soybean breeder. He informed me that protein and oil content should not be affected from this early season drought because the soybeans have not set their pods yet. Rain will be crucial after the soybeans set their pods in 1-3 weeks.

Protein content lays in the genetics of the soybean rather than weather depending.



Soybeans

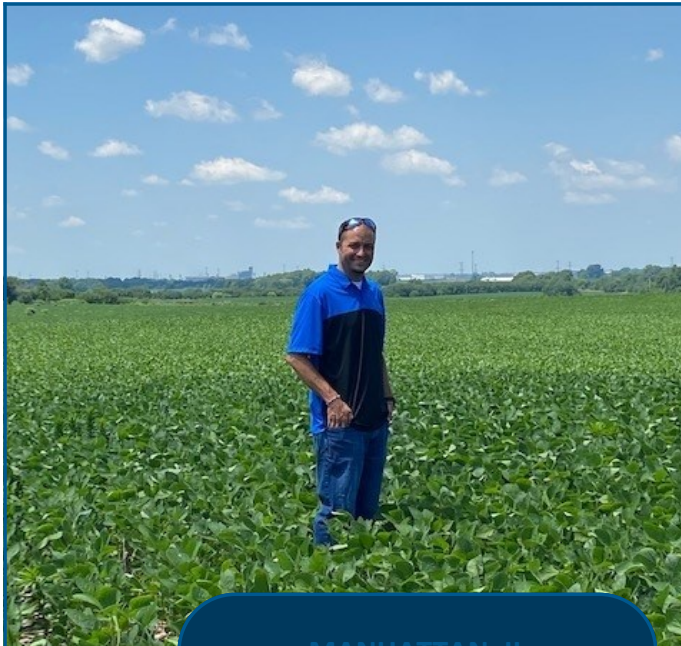


Picture to the left is a double crop field. This field was planted into wheat last fall, the wheat was harvested in July, then soybeans are planted right after.



Valley Vista, OH
eMerge 3520 starting to bloom their white flowers. These flowers will soon turn to pods.

Scoular Origination



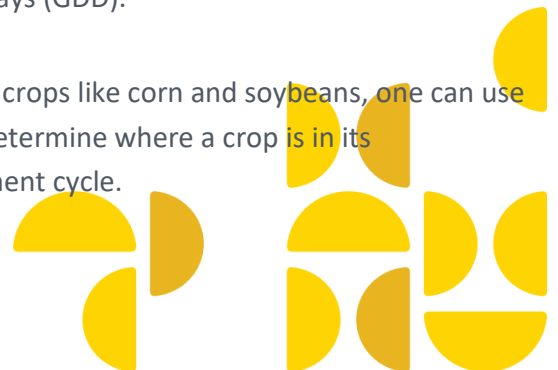
MANHATTAN, IL

Legend 2580 planted in Manhattan, IL are about knee high.

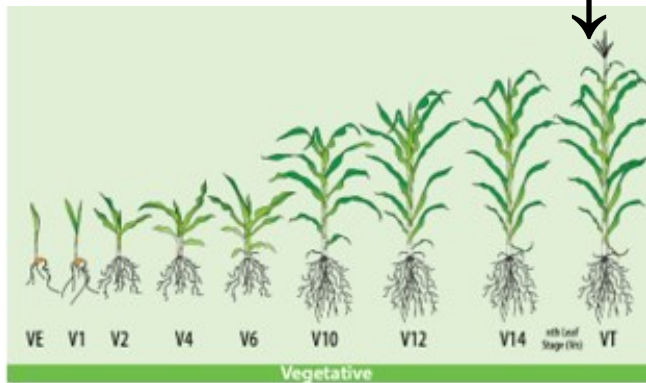


These emerge 389 were planted on June 5th. They have received 8.27" of rain with 1,002 Growing Degree Days (GDD).

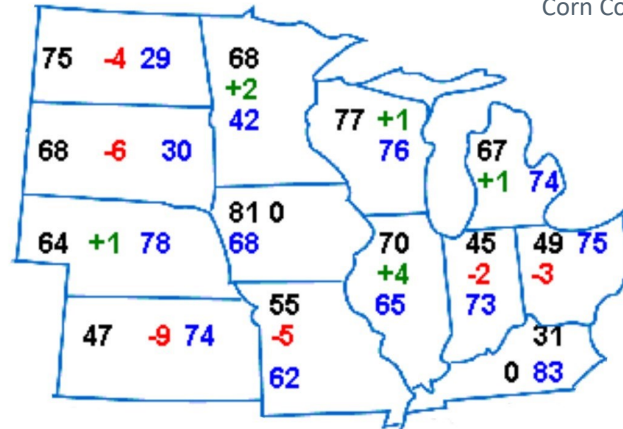
For some crops like corn and soybeans, one can use GDD to determine where a crop is in its development cycle.



Corn Update



Corn Conditions



Tassels have started to emerge from the top of the plant and silks have started to develop. Tassels (Figure 1.) are considered the “male” part of the plant. While the silks (Figure 2.) are considered the “female” part.

Figure 1.



POLLINATION

You can see in this picture the tassels are shedding pollen.

Silking Progress

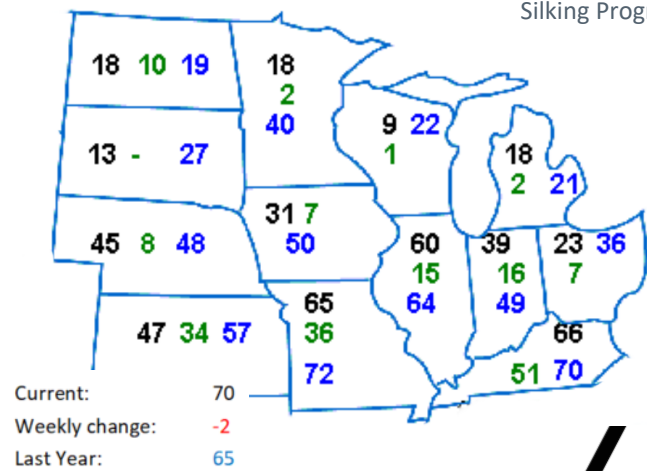


Figure 2.

Fun Farm Facts



The weed above is *Abutilon Theophrasti* commonly known as Veetleaf. This weed emerges between early May through late June. This window of emergence makes weed control difficult for soil applied herbicides.



The picture to the left is an example of *Phytophthora Rot*. It is a significant disease in many areas where soybeans are grown. This disease can be found in areas with warm & wet weather. This picture was taken around our Covington, OH facility. With heavy rains during the growing season. The water sat in a 4 acre pocket for too long. We do not expect this area to recover.

For more information, contact
your local account representative or:

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More about Scoular

A 130-year-old company with \$6 billion in sales, Scoular creates safe and reliable supply chain solutions for end-users and suppliers of grain, feed ingredients, and food ingredients. From its more than 100 offices and facilities in North America and Asia, Scoular's 1,000-plus employees lead the way by buying, selling, storing, handling, and processing grain and ingredients as well as managing transportation and logistics for customers around the world. Scoular is based in Omaha, Nebraska. More information about Scoular can be found online at scoular.com.