

Soy Food Crop Update 2024

Soy Food Crop Update: April 2024

Southern Wisconsin/Southern Illinois Update:

The past two weeks have seen little fieldwork due to rain and snow, but this was helpful to replenish the soil moisture after a mild winter in Southern Wisconsin & Northern Illinois. The weather forecast for the next 10 days is promising. We expect a lot of fieldwork to happen, as well as soybeans being shipped to their growers, and acres planted in the coming weeks.

Report Provided by Cameron Hilgenberg--The DeLong Company

April 11, 2024



DeLong Seed Truck preparing to transport Non-GMO soybeans to farmers.



Central Indiana Update:

As we approach local planting insurance dates in Indiana, planters would likely be heading to the fields this week if field conditions allowed. It will likely be full steam ahead for #Plant24 as soon as farmers are able.

After a very mild Indiana winter, the faucet turned on at the start of April. With many local areas receiving more than 3-4" of rain over the first week of April, some even saw a few flurries! Though farmers would love to be heading to the fields, these rains will help replenish soil moisture that we missed out on over the winter months.

April 5, 2024

Michigan Update:

Planting has not yet begun here in our region of Michigan. However, growers here are ambitiously looking at the 10-day forecast with thoughts of early plantings.

May snowstorms are not incredibly uncommon for Michigan, so even perfect weather in late March/ early April needs to be considered with some skepticism with agribusiness.

April 1, 2024

Soy Food Crop Update: May 2024

Week 3:

Central Indiana Update:

Central Indiana has had a lot of the 2024 crop go into the ground over the last 10 days. When the weather finally broke near the start of May, the tractors fired up and have not had much rest since.

After most of Central Indiana saw a wet second half of April, rainfall since then has been increasingly spotty. With some farms getting several inches of rain in a single storm to others just miles away receiving sprinkles, location has played a key role in how many suitable field days farms have had in this area.

May 9, 2024

SE North Dakota and West Central Minnesota Update:

We are sitting in decent shape for moisture, some others got more than others and some farmers are little delayed but with some windy days and average to above average temperatures should help everyone get back on track.

There are areas where all soybeans are done planting and in 7-10 days they will be finished.

Report Provided by Travis Meyer--BRUSHVALE SEED, INC.

May 13, 2024

Southern Wisconsin/Southern Illinois Update:

Planting last week was uneven, as early rains in the week postponed much of the early week planting with most farmers resuming later in the week. USDA (US Department of Agriculture) reports that Wisconsin has 37% of soybeans planted with 6% emergence. In Southern Wisconsin, I would estimate we have about 85% of soybeans planted and 75% of corn. Farmers used some early favorable weather periods and planted a significant amount before this past week of rain that hit the Midwest.



Report Provided by Cameron Hilgenberg--The DeLong Company

May 15, 2024

Soy Food Crop Update: June 2024

Week 3

Wisconsin Update

Soybeans in our region are fully planted and currently rated as 67% good to excellent condition. The soybean crop in our region is in early growth stages and does not require a lot of moisture, but we will soon enter critical growth stages that will affect quality and yield. Weather models predict rain in the next 3 days which would help areas that have been dry for some time. Overall, the soybean crop looks good at this point of the crop season.

Report Provided by Cameron Hilgenberg--The DeLong Company

June 18, 2024

Week 1:

Southeastern Indiana:

During the past 14 days, farmers here in our state (Indiana) made good progress planting soybeans, moving from 69% planted to 93%. We've received timely rains, which has us on hold at the moment, but we are ready to plant our next field, which will be to food-grade soybeans that will be loaded into containers and likely shipped to Japan and Taiwan for tofu and soymilk. You can watch my video here: <https://www.linkedin.com/feed/update/urn:li:ugcPost:7204158963259502592/>

-- Report provided by Mike Koehne, a U.S. Soy farmer from Greensburg, Indiana, and USSEC Board Director

Michigan Update:

Planting progress here in Michigan has been slower than average because of persistent wet soil conditions, but the last 2 ½ weeks has caught us back up. Soybeans are about 90% planted, with most emerging or close to emergence. We have had plenty of rainfall so far and warm temperatures which are helping us catch up and exceed the averages quickly.

Currently, Michigan has had adequate moisture and warm temperatures to keep the crops moving along. The next 7-10 days is predicting a slight cooling off with average precipitation. This should allow growers to finish up planting and get this crop off to an average start for the 2024 season.

Wisconsin Update:

- Had to replant some new seeding due to damage from cut worm (which is when worm will chew top emerged plant)
- Crop in good condition and now 3-4" high
- Slightly above average moisture but no damaged caused so far in this area

Report provided by Jon Miller-Wheaton Grain Inc

Soy Food Crop Update: July 2024

Week 3:

Central Indiana Update:

Crops are off to the races in central Indiana. So far, we've broadly avoided disease and pest pressure, which has led to some exceptionally good-looking crops.

After an abnormally hot and dry end to June which included multiple several days stretches over 90°, the beginning of July brought a much-needed break in the heat that also brought several rain fronts with it. Most of central Indiana has seen an excess of 4" of rain through the first 2 weeks in July.

July 17, 2024

Week 2:

Wisconsin Update:

At this stage, crops in Southern Wisconsin and Northern Illinois are doing well, despite some of the difficulties that growers have dealt with in the past month. Our agronomists have not seen disease or pest activity so far. The rainfall in July so far has varied from 2" – 4". There is a range of growth stages in the fields, from R1 to R3 across our draw area. Some early maturity groups in central IL have begun podding, according to growers. The weather forecast for the next 6-10 days indicates slightly cooler and drier than-normal conditions. USDA reports 60% of soybeans in Wisconsin are in good to excellent condition, and 30% are fair. Soybean blooming is at 22%, ahead of last year by 2 days. Soil moisture is high, with topsoil moisture being 54% adequate and 46% surplus. USDA reports Illinois 66% of soybeans are in good to excellent condition. As we progress in the soybean growth stages, we are entering the critical period of mid-July through Aug, when the soybeans will need timely rains to help determine crop yield.

Report submitted by Cameron Hilgenberg, The DeLong Company

July 12, 2024

Week 1:

North Dakota Update

Planting in the upper Great Plains went very well until the middle of May. From the middle of May until now, planting has been difficult due to significant rainfall. There were some pre-planted acres of soybeans, but the majority of the region was planted into difficult conditions. Many soybeans were planted into the middle of June so full maturity prior to frost in the fall is a concern. Despite the difficult planting conditions the crop conditions are good. Some stands are less than perfect, and nearly everyone has some drown out areas of their fields, but now that we have very good soil moisture all we need is some heat to kickstart the development.

The weather has been consistently cool and wet since the middle of May. Most areas in the Upper Great Plains have adequate or surplus moisture. The forecast is for warmer temperatures which is exactly what the farmers are hoping for to dry up some wet areas and help the soybeans catch up to where they should be from a maturity standpoint.

July 2, 2024

Soy Food Crop Update: August 2024

Week 3:

Southern Wisconsin/Southern Illinois Update:

Soybean development has advanced significantly since last month, with most plants now exhibiting a full canopy. Despite heavy rainfall this season, diseases have been kept under control without any major issues. Agronomically, most of the crops are in the R6 growth stage, with some at R7. August's rains have been critical for supporting the last phase of soybean development.

Farmers remain optimistic for this year's harvest, expecting average or better yields. While current soil moisture is adequate, additional rainfall later on is crucial for pod development. The weather outlook for the next 6 to 10 days looks promising for the soybeans to finish their growth cycle.

Report provided by Cameron Hilgenberg, DeLong Company

August 25, 2024

Week 2:

Central Indiana:

Most of Central Indiana remained hot and dry to close out July. Luckily most fields had already completed pollination, but there are still a lot of bushels to be made yet this summer.

After a wet start to the summer, the end of July and into the beginning of August have turned exceptionally dry. Though soil moisture maps show the majority of Indiana in the adequate category, getting late summer rains will be crucial to yields seen this fall

August 12, 2024

Wisconsin:

The crop is looking very well. The moisture has been sufficient, which has allowed the chemical to work better which will reduce the foreign material compared to last year. Some were planted later which poses the risk to a late frost but as we look today the yield prospects look very promising.

Report submitted by Jon Miller, Wheaton Grain, jon@wheatongrain.com

August 9, 2024

Week 1:

Southeastern Indiana

Despite a few challenges getting his soybean crop planted, Mike Koehne says conditions have been favorable and the crop looks good. Koehne grows food-grade, clear hilum soybeans in the southeastern part of Indiana, where local farms just received an inch of rain. As of August 4, the U.S. Department of Agriculture reported 68% of the U.S. Soy crop is in good to excellent condition.

Watch Koehne's latest video here: [video](#)

-- Report provided by Mike Koehne, a U.S. Soy farmer from Greensburg, Indiana, and USSEC Board Director

Soy Food Crop Update: September 2024

Week 2:

Central Indiana Update:

Harvest has arrived for some in Central Indiana. Those who had an early planting window or planted short season maturities have taken advantage of this dry spell to get started in those early fields. Late summer rains have been extremely spotty across much of Indiana. Many areas across the region have seen only 2-4 inches of rain throughout July and August, most of which came from only a handful storms. As combines begin to roll, we'll begin to see if this hot dry spell had any significant impacts on yield.

Report provided by Grant Fausset, PenceAg

September 9, 2024

Soy Food Crop Update: October 2024

Week 1:

Central Indiana Update:

Most farmers have gotten off to a strong start to harvest 2025 in central Indiana. With a great looking 10 day forecast ahead, most acres across Indiana could be harvested by mid-October.

After a hurricane fueled rainy week to close September, farmers look to have a very favorable window to start October.

Update provided by Grant Fausset, PenceAg

October 4, 2024

Northern Michigan

- Northern Michigan is roughly 80% completed.
- Southern/ Central Michigan is just getting going.
- The weather was very dry during the tail end of the growing year here. Beans are drier than usual, with a bit smaller seed size as well.
- Yields were average.

Report provided by Chaise Wilson, Star of the West Milling Company

October 4, 2024

Crop Progress Report

By: Amanda Host

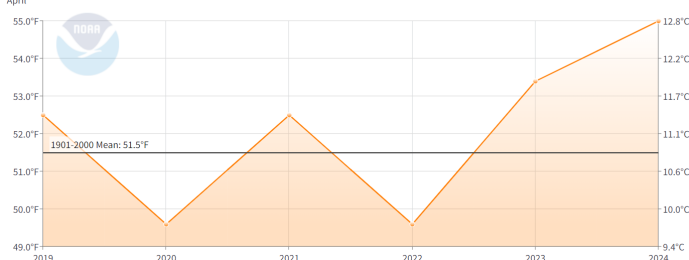
May 22, 2024

Scoular Origination

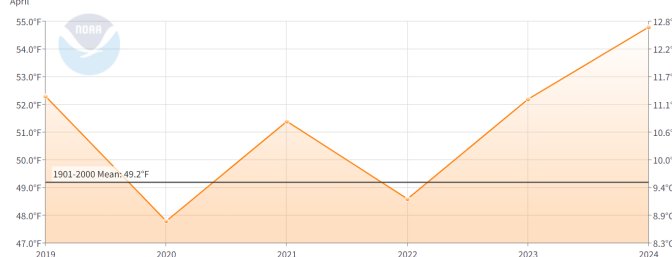
Scoular's IP origination territory spans the Midwest, with state-of-the-art cleaning facilities located in Andres, IL and Covington, OH.

It's been a slow start to the 2024 crop planting season. Although we have had an abnormally warm spring, most of the Scoular's organic & Non-GMO origination territories have a lot of soil moisture. Farmers have received 10– 13 inches of rain since March 1. April showers equal to about 50% of the current rain fall. April temperatures were 3.5° warmer in Illinois and 5.6° warmer in Ohio than the 1901-2000 mean.

Illinois Average Temperature
April

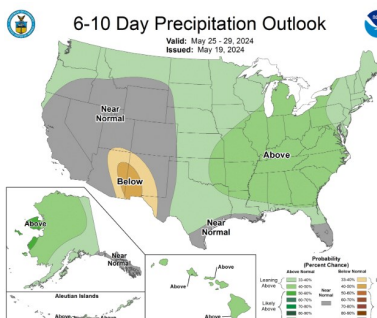
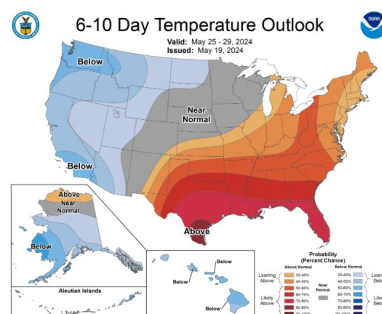


Ohio Average Temperature
April



	Rain Fall Per Month in inches			Total Since March 1
	March	April	May 19th	
Peotone, IL	3.78	5.81	3.68	13.27
Poplar Grove, IL	4.11	3.63	3.11	10.85
Bloomington, IL	1.64	6.31	2.50	10.45
Covington, OH	3.64	5.69	2.46	11.79
CINCINNATI, OH	2.9	5.07	4.68	12.65
Lima, OH	2.62	7.35	2.39	12.36
Moberly, MO	2.65	6.65	2.37	11.67
Cherkokee, IA	2.91	3.70	4.89	11.5
Omaha, NE	2.11	3.36	6.07	11.54

We're expecting temperatures and precipitation to be above normal for the next 6– 10 day.



Planting Progress

Planting Progress Week of May 12						
		2023	2024	Average	5 Year Average	Vs Last Year
Illinois	Corn	81	42	56	-14	-39
	Beans	74	39	43	-4	-35
Ohio	Corn	22	36	24	12	14
	Beans	25	27	18	9	2

Planting Progress Week of May 20						
		2023	2024	Average	5 Year Average	Vs Last Year
Illinois	Corn	89	67	71	-4	-22
	Beans	83	58	56	2	-25
Ohio	Corn	66	46	44	2	-20
	Beans	53	41	35	6	-12

Illinois & Ohio Planting Progress

The planting season in Ohio is off to an exceptional start, surpassing the five-year average for both corn and soybeans. Currently, corn is leading by 2 points, while soybeans are showing a remarkable increase of 6 points for the week.

Farmers near the Covington facility have been particularly fortunate, with approximately 75% of their corn and 50% of their soybeans already planted. Thanks to Covington's warm weather and occasional showers, planting has progressed smoothly, experiencing minimal rain delays.

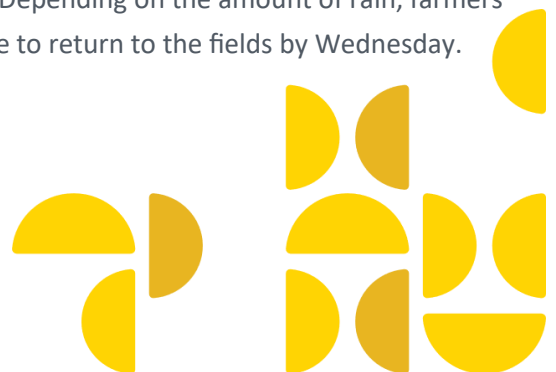
However, in the northern part of Ohio, delays are being experienced compared to the central region due to the accumulation of rain. Many farmers in the northern area have yet to start planting. Fortunately, the forecast for the next 6-10 days predicts little to no rain in Northern Ohio, offering a favorable opportunity for farmers to either commence or resume planting operations.

Overall, despite localized challenges, the planting season in Ohio holds great promise, with favorable conditions and forecasts contributing to a hopeful outlook for farmers across the state

Planting in Illinois is off to a slow and wet start, with corn lagging 4 points behind the five-year average and soybeans are ahead by 2 points.

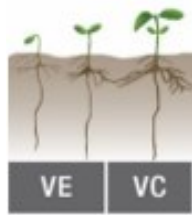
Scattered thunderstorms continue to move through the area, keeping farmers out of the fields longer than anticipated. Around the Andres facility, farmers have planted roughly 50% of their corn and 30% of their soybeans.

Warm, dry weather over the weekend allowed fields to dry out enough for planting to resume early Monday morning. Although scattered thunderstorms are expected from Monday night into Tuesday, clear skies are forecasted from Wednesday to Sunday. Depending on the amount of rain, farmers may be able to return to the fields by Wednesday.





The crops are not very noticeable from the road yet.



With good weather and damp soil, soybean seeds will begin to sprout in 3-5 days.



For more information, contact
your local account representative or:

IPGrain@scoular.com | (612) 335-8205

scoular.com



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.

National Centers for Environmental Information. (n.d.). Climate at a Glance - Statewide Time Series. Retrieved May 21, 2024, from https://www.ncei.noaa.gov/access/monitoring/climate-at-a-glance/statewide/time-series/11/tavg/1/4/2019-2024?base_prd=true&begbaseyear=1901&endbaseyear=2000

National Weather Service Climate Prediction Center. (n.d.). 6-10 Day Outlooks. Retrieved May 21, 2024, from <https://www.cpc.ncep.noaa.gov/products/predictions/610day/>

Nutrien eKonomics. (n.d.). Rainfall Calculator. Retrieved May 21, 2024, from <https://nutrien-ekonomics.com/tools-to-calculate-fertilizer-needs/calculators/rainfall/>

United States Department of Agriculture. (2024). Crop Progress Reports for 5/13/2024 & 5/20/2024. Retrieved May 21, 2024, from <https://usda.library.cornell.edu/concern/publications/8336h188j>



Crop Progress Report

By: Amanda Host

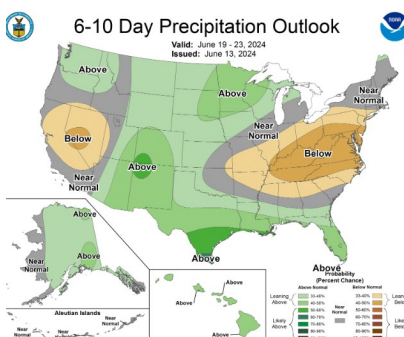
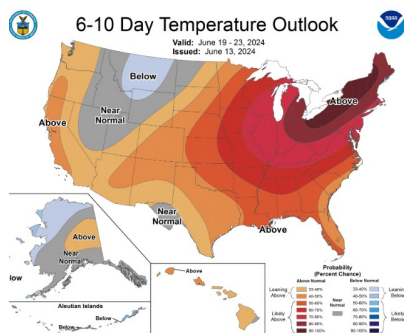
June 14, 2024

Scoular Origination

After a somewhat sluggish start to the planting season, farmers shifted into high gear once the rain held off long enough for the fields to dry up. Warmer weather with spotted showers allowed farmers seized the opportunity to plant the majority of their acres. While there are still a few isolated fields waiting for attention, the bulk of the acres are planted. With crops in the ground, farmers have turned their attention to crucial tasks like side dressing corn to boost nitrogen levels and applying herbicides to combat weed growth.

Temperatures for the next 10– 15 days look to be pretty hot around Andres and Covington. Average high could be in the low to mid 90'. A local Andres producer voiced his concerns "Some of the beans weren't planted in the best conditions, no rain for 10 days could cause some early stress to the seedlings".

We're expecting temperatures to be hot and above normal along with below average precipitation.



Rain Fall Per Month in inches					
	March	April	May	June 1 to June 11	Total Since March 1
Peotone, IL	3.78	5.81	5.88	1.32	16.79
Poplar Grove, IL	4.11	3.63	5.43	1.32	14.49
Bloomington, IL	1.64	6.31	3.77	1.37	13.09
Covington, OH	3.64	5.69	3.07	1.33	13.73
CINCINNATI, OH	2.9	5.07	6.19	0.87	15.03
Lima, OH	2.62	7.35	3.81	1.59	15.37
Moberly, MO	2.65	6.65	3.68	1.01	13.99
Cherkokee, IA	2.91	3.7	6.77	0.34	13.72
Omaha, NE	2.11	3.36	10.89	0.6	16.96

Planting Progress

Planting Progress				
		June 9, 2024	Average	Difference
Illinois	Soybeans	87	84	3
Ohio	Soybeans	88	76	12
Indiana	Soybeans	89	82	7
Iowa	Soybeans	92	92	0
Nebraska	Soybeans	96	94	2

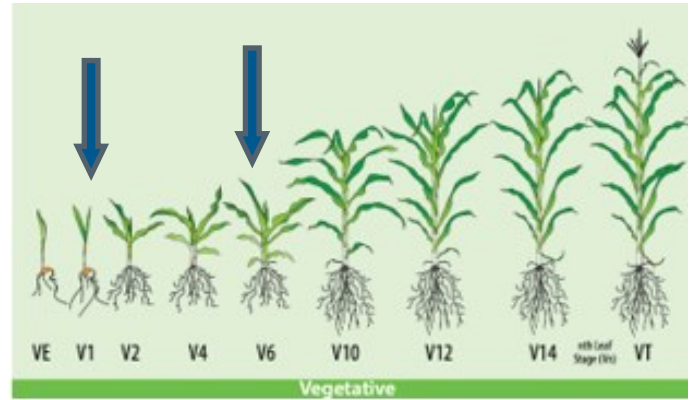
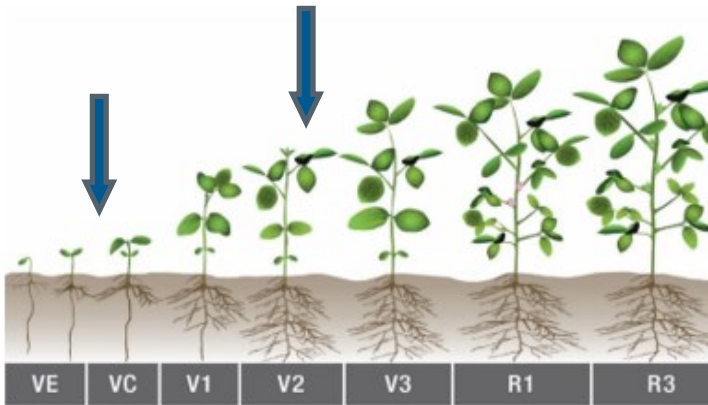
Planting Progress				
		June 9, 2024	Average	Difference
Illinois	Corn	93	92	1
Ohio	Corn	95	86	9
Indiana	Corn	94	91	3
Iowa	Corn	98	98	0
Nebraska	Corn	98	98	0

Soybean Emergence							
		June 9, 2023	June 3, 2024	June 9, 2024	Average	5 Year Average	Vs Last Year
Illinois	Soybeans	91	58	69	71	-2	-33
Ohio	Soybeans	84	62	75	60	15	-22
Indiana	Soybeans	87	64	77	68	9	-23
Iowa	Soybeans	93	60	75	77	-2	-33
Nebraska	Soybeans	91	64	82	81	1	-27

Corn Emergence							
		June 9, 2023	June 3rd, 2024	June 9th, 2024	Average	5 Year Average	Vs Last Year
Illinois	Corn	95	78	87	85	2	-17
Ohio	Corn	89	73	69	57	12	-16
Indiana	Corn	91	71	83	78	5	-20
Iowa	Corn	97	81	89	91	-2	-16
Nebraska	Corn	96	79	93	83	10	-17



Growing Stages



Illinois & Ohio Planting Progress

The inconsistent weather patterns across Illinois made it challenging for farmers to stick to their planting schedule without interruption, leaving the crops in various stages of vegetation. As you venture through the countryside you will see early planted corn about hip-high, while the corn field across the street is just putting on it's second or third leaf, about ankle high.

Same can be said for soybeans, early planted fields are adding on trifoliates and starting to close in the rows, while later planted soybeans are starting to germinate and pop through the soil surface.

Root systems are starting to develop .



On the other hand, around our Covington, Ohio facility we are seeing uniform stands in the crops. Corn and soybeans emergence are up 12% to 15% above the 5 year average. Fields of corn range from knee to hip-high and soybeans are adding of trifoliates and nicely filling in the rows.

Northern Ohio is similar to Illinois the heavy rains early in the season delayed planting the warmer weather helped speed up the planting process.



National Centers for Environmental Information. (n.d.). Climate at a Glance - Statewide Time Series. Retrieved June 14, 2024 , from https://www.ncei.noaa.gov/access/monitoring/climate-at-a-glance/statewide/time-series/11/tavg/1/4/2019-2024?base_prd=true&begbaseyear=1901&endbaseyear=2000

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United States Department of Agriculture. (2024). Crop Progress Reports for 6/3/2024 & 6/10/2024. Retrieved June 10th 2024, from [Publication | Crop Progress | ID: 8336h188j | USDA Economics, Statistics and Market Information System \(cornell.edu\)](#)

For more information, contact
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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.

Crop Progress Report

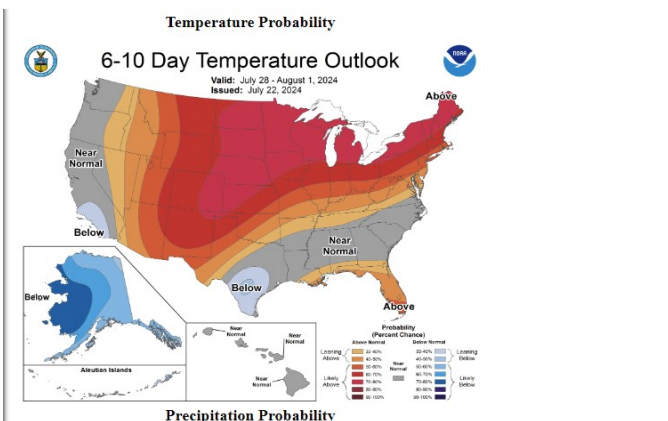
By: Addison Rucker

Aug 1, 2024

Weather Recap for Scoular:

The weather in recent weeks has been quite unpredictable. Northern IL got the worst of it. On July 15, 2024, starting over central Iowa and making it's way through Illinois, Indiana and parts of Michigan, a derecho hit a good portion of the Midwest with wind upwards of 105 mph, along with several tornados. This left thousands on Midwesterner's without power for upwards of 48 hours. Thankfully, minimal crop damage has been reported, some leaning corn and some hail damaged to the soybean leaves. This should have effected total yield.

Weather outlook for the Midwest looks pretty promising for corn and soybean yields. Mid to upper 90's for our farmers out west in Nebraska and Iowa. Things will get a little cooler over in Illinois and Ohio with temperatures reaching upper 70's low 80's.



Temperatures and precipitation both look to be slightly above normal for the next 6-10 days

Rain Fall Per Month in inches:

Location	May	June	July	Total Since May 1, 2024
Peotone, IL	5.88	4.7	4.76	15.34
Poplar Grove, IL	5.43	5.86	5.15	16.44
Bloomington, IL	3.77	2.7	3.02	9.49
Covington, OH	3.07	2.8	3.37	9.24
CINCINNATI, OH	6.19	1.74	3.13	11.06
Lima, OH	3.81	3.79	2.74	10.34
Moberly, MO	3.68	3.04	4.74	11.46
Cherokee, IA	6.77	5.29	2.44	14.5
Omaha, NE	10.89	5.36	6.25	22.5

Growing Progress

Corn Silking					
State	7/28/23	7/21/24	7/28/24	Average	Difference
Illinois	93	80	87	85	2
Ohio	54	60	81	60	21
Indiana	76	66	81	74	7
Iowa	88	68	85	82	3
Missouri	93	87	93	86	7
Nebraska	86	76	92	83	9

Corn Dough Stage					
State	7/28/23	7/21/24	7/28/24	Average	Difference
Illinois	30	18	34	26	8
Ohio	2	13	25	9	16
Indiana	20	13	26	19	7
Iowa	32	18	34	24	10
Missouri	51	51	62	41	21
Nebraska	18	19	37	20	17

Soybeans Blooming					
State	7/28/23	7/21/24	7/28/24	Average	Difference
Illinois	86	81	88	71	17
Ohio	65	71	83	68	15
Indiana	70	67	79	68	11
Iowa	90	69	83	82	1
Missouri	76	57	67	59	8
Nebraska	83	84	92	81	11

Soybeans Setting Pods					
State	7/28/23	7/21/24	7/28/24	Average	Difference
Illinois	53	42	58	37	21
Ohio	25	25	46	31	15
Indiana	24	35	48	32	16
Iowa	51	25	43	45	-2
Missouri	41	14	30	18	12
Nebraska	41	26	36	26	10

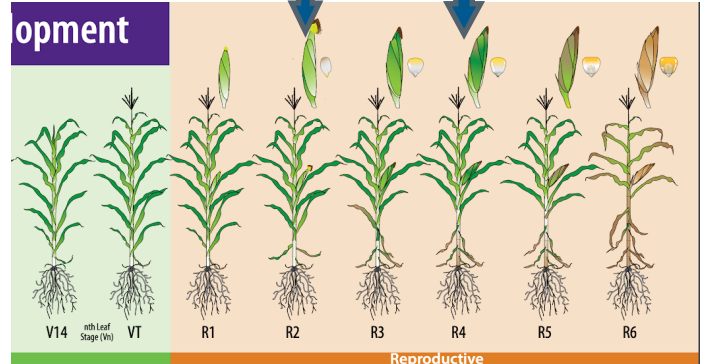
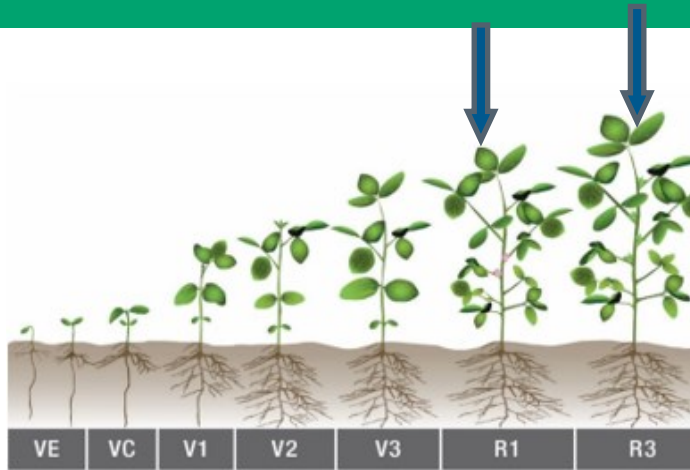
Crop Conditions

Corn Conditions July 28, 2024					
States	Very Poor	Poor	Fair	Good	Excellent
Illinois	2	4	18	58	18
Ohio	1	4	29	55	13
Indiana	3	5	23	56	14
Iowa	1	3	19	58	19
Missouri	4	4	14	58	20
Nebraska	3	7	16	47	27

Soybean Conditions July 28, 2024					
States	Very Poor	Poor	Fair	Good	Excellent
Illinois	2	5	21	56	16
Ohio	2	5	30	55	8
Indiana	2	5	24	57	12
Iowa	1	4	19	59	17
Missouri	3	4	18	60	15
Nebraska	2	5	18	55	20



Growing Stages



Illinois & Ohio Planting Progress

In Illinois crops are looking promising. About 85% of the corn has silked, with 26% of corn entering the dough stage. Overall the corn crop is looking very good. 76% of Illinois corn is rated good to excellent. 72% of soybeans here in Illinois are ranked good to excellent. 58% of soybeans have started to set pods which is up 21% from the 5 year average.

The aftermath of the derecho was minimal for our Andres producers. Some hail damage has been reported in some fields, nothing too concerning. As we move into the week of the 22nd, we are witnessing a gradual recovery from these severe weather events. However, some areas of the fields remain heavily saturated.

The Scoular 2024 test plot is progressing impressively, showing signs of growth and development conditions.



July 23, 2024

Over in Ohio, crops are slightly ahead of their 5 year average for both corn and soybeans. A good balance of rainfall and sunlight contributing to their growth and development. 80% of the corn has silked and roughly 25% of the Ohio corn is entering the dough stage. Just under 50% of the soybeans have started to set pods, which is 15% higher than the 5 year average.

Weather for August looks promising for the Covington facility with spotty showers and temperatures hovering around the low to mid 80's creating ideal conditions for putting on soybean yield.

The crops Down Below in Covington, Ohio are looking excellent





Brown silks indicate pollinated ears



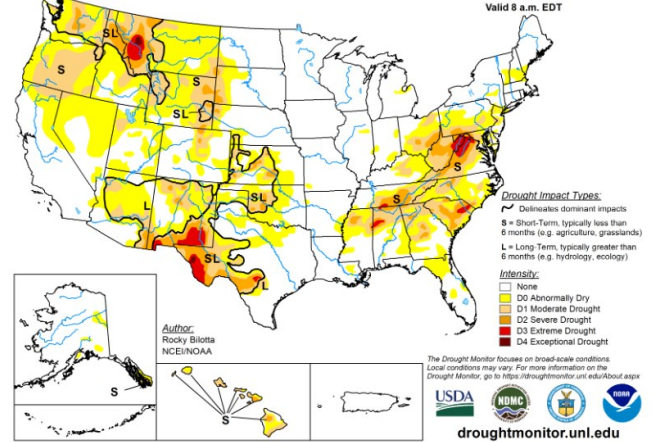
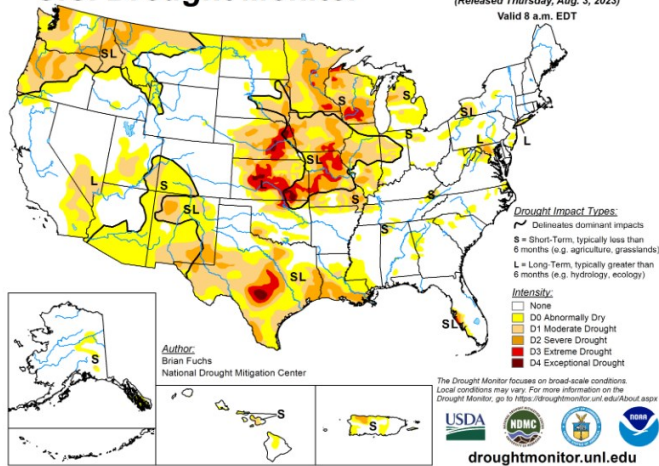
Soybeans blooming flowers and setting pods

Aug 1, 2023

July 23, 2024

U.S. Drought Monitor

U.S. Drought Monitor



National Centers for Environmental Information. (n.d.). Climate at a Glance - Statewide Time Series.

Retrieved June 14, 2024 , from https://www.ncei.noaa.gov/access/monitoring/climate-at-a-glance/statewide/time-series/11/tavg/1/4/2019-2024?base_prd=true&begbaseyear=1901&endbaseyear=2000

National Weather Service Climate Prediction Center. (n.d.). 6-10 Day Outlooks. Retrieved July 30 2024 , from [Climate Prediction Center - 6 to 10 Day Outlooks \(noaa.gov\)](#)

Nutrien eKonomics. (n.d.). Rainfall Calculator. Retrieved July 29, 2024 , from [Growing Degree Days Calculator - eKonomics | The ROI of Fertilizer and Crop Nutrition \(nutrien-ekonomics.com\)](#)

United States Department of Agriculture. (2024). Crop Progress Reports for 7/21/2024 & 7/29/2024 Retrieved July 29 2024, from <https://downloads.usda.library.cornell.edu/usda-esmis/files/8336h188j/9019tt44t/dr270n16x/prog3024.pdf>

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More about Scoular

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Crop Progress Report

By: Addison Rucker

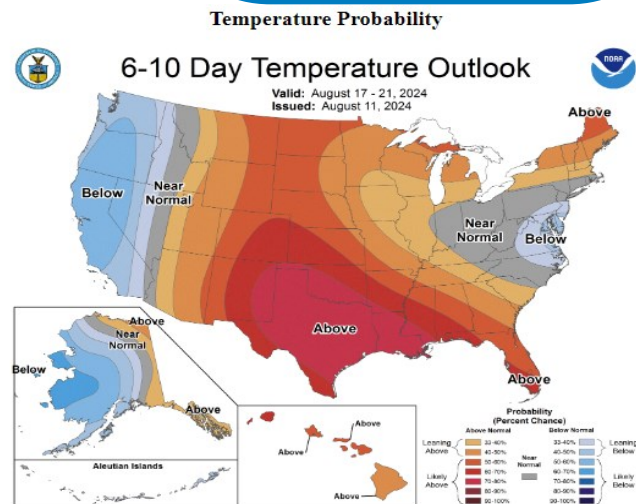
August 20, 2024

Weather Recap for Scoular:

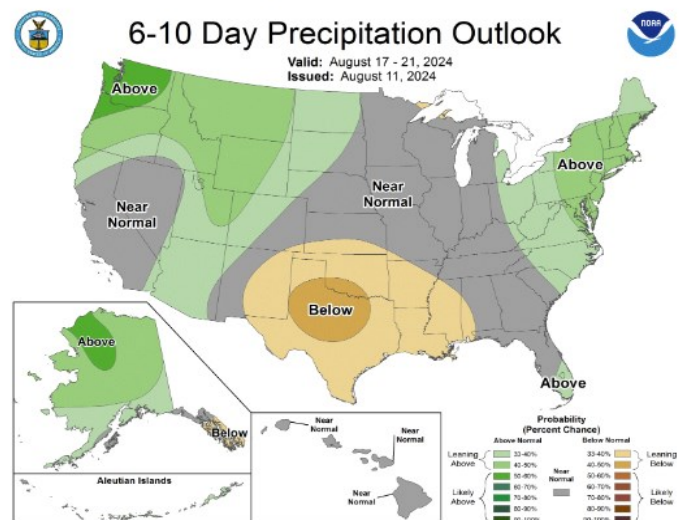
Out here in the Midwest we are beginning to see temperatures drop. Expecting to see similar weather conditions over in Covington, Ohio. The rainfall is around what we would expect this time of the year as we approach fall with possible need for more. August is a crucial time for the both corn and soybeans to develop to their full potential.

The temperatures are ranging between the 70-80s throughout mid August in the Midwest across Wisconsin, Indiana and Illinois with Ohio temperatures following closely. This coming week there is not a lot of rain predicted but hopes that it will pick back up here in the following weeks ahead.

Temperature outlook August 17



Precipitation from August 17



Rain Fall Per Month in inches:

Location	June	July	19-Aug	Total Since June 1, 2024
Peotone, IL	4.7	4.76	3.54	13
Poplar Grove, IL	5.86	5.15	1.55	12.56
Bloomington, IL	2.7	3.02	3.77	9.49
Covington, OH	2.8	3.37	2.6	8.77
CINCINNATI, OH	1.74	3.13	1.3	6.17
Lima, OH	3.79	2.74	2.65	9.18
Moberly, MO	3.04	4.74	2.51	10.29
Cherokee, IA	5.29	2.44	2.03	9.76
Omaha, NE	5.36	6.25	5.7	17.31

Growing Progress

Corn Silking						Soybeans Blooming					
State	8/11/2023	8/4/2024	8/11/2024	Average	Difference	State	8/11/2023	8/4/2024	8/11/2024	Average	Difference
Illinois	98	94	96	97	2	Illinois	94	92	94	91	21
Ohio	94	91	96	89	21	Ohio	89	90	96	87	15
Indiana	93	89	94	92	7	Indiana	89	86	91	87	16
Iowa	98	92	96	96	3	Iowa	98	90	94	94	-2
Missouri	98	96	97	97	7	Missouri	90	78	84	82	12
Nebraska	97	97	99	97	9	Nebraska	93	95	97	95	10

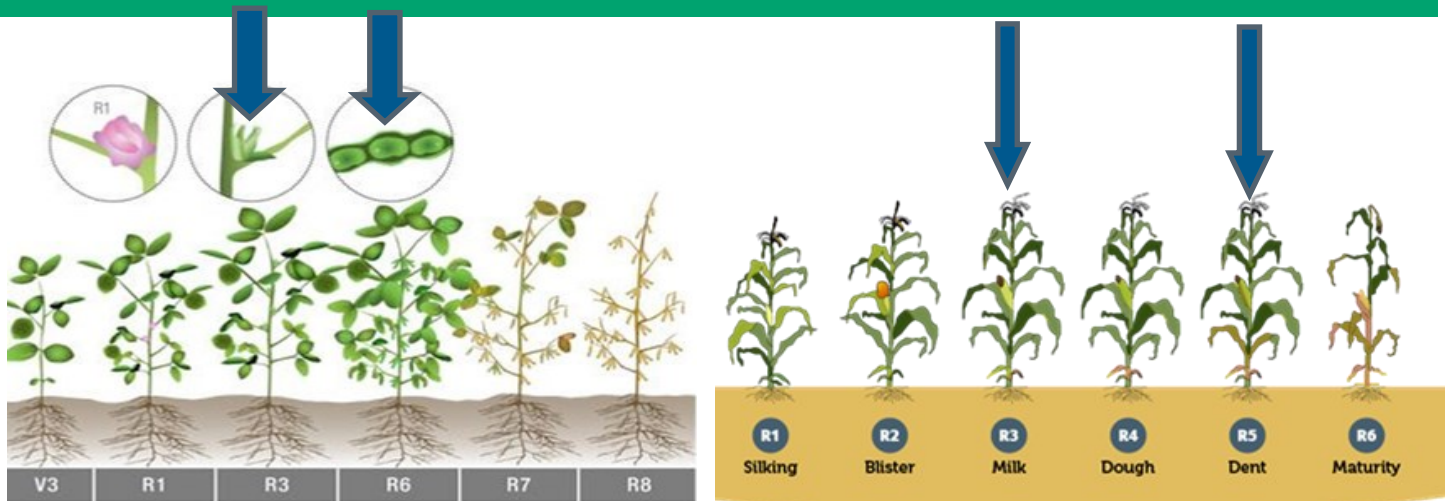
Corn Dough Stage						Soybeans Setting Pods					
State	8/11/2023	8/4/2024	8/11/2024	Average	Difference	State	8/11/2023	8/4/2024	8/11/2024	Average	Difference
Illinois	67	56	69	63	8	Illinois	78	77	84	69	17
Ohio	38	47	65	45	16	Ohio	63	69	82	63	15
Indiana	50	40	55	51	7	Indiana	67	60	73	62	11
Iowa	72	51	69	64	10	Iowa	84	58	74	77	1
Missouri	80	76	86	73	21	Missouri	68	52	64	54	8
Nebraska	62	51	63	61	17	Nebraska	74	73	85	77	11

Crop Conditions

Corn Conditions August 11, 2024						Soybean Conditions August 11, 2024					
States	Very Poor	Poor	Fair	Good	Excellent	States	Very Poor	Poor	Fair	Good	Excellent
Illinois	1	4	18	56	21	Illinois	2	6	20	54	18
Ohio	1	5	32	49	13	Ohio	1	5	35	46	8
Indiana	2	6	23	54	15	Indiana	2	6	24	54	12
Iowa	1	4	18	57	20	Iowa	1	4	18	54	17
Missouri	3	4	12	62	19	Missouri	3	4	18	60	15
Nebraska	3	8	20	45	24	Nebraska	2	4	17	64	13



Growing Stages



Illinois & Ohio Planting Progress

In the Peotone, IL area, there are clear signs of growth in our crops, according to local farmers. On August 8, during our Farmer Day event, the farmers stated that "Crops are looking good, but some extra rain wouldn't hurt."

Currently, we are in the R3-R5 stages of pod setting and filling, while the corn is at various stages of development, including milking, doughing, and denting as showed in the chart above. Overall, things are looking up, though there is still some room for additional rainfall.

In Covington, Ohio, things seem to be progressing well, similar to the situation here in Peotone. The soybeans are approaching the R5-R6 stages, while the corn is entering the doughing and denting stages.

The soybeans look good in this area, thanks to a good balance of rain and sunshine. Although there have been a few storms this week, they haven't caused significant changes in the overall crop development. The weather has been pleasant, with sunny skies and cooler nights. Overall, we're optimistic about

The Scoular 2024 is growing nicely and accordantly with a few signs of damage but nothing of concern

August 19, 2024

The crops down below in Covington, Ohio are looking excellent.



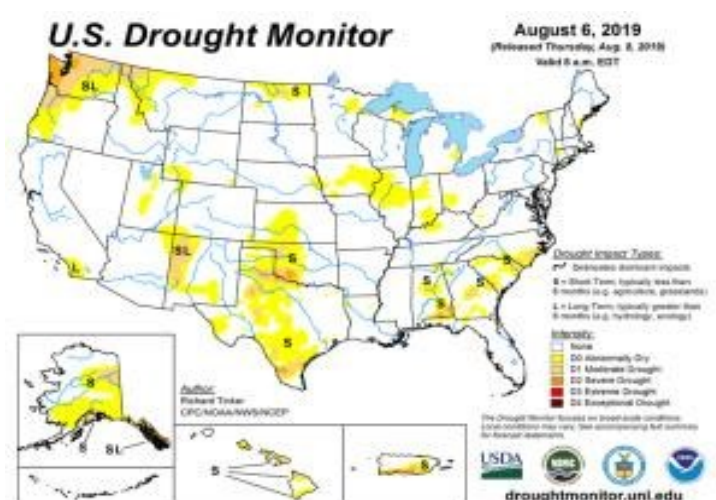
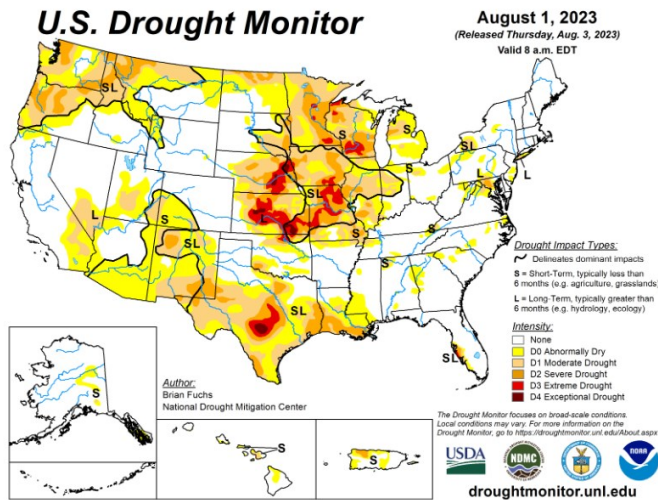


Silked Browns peeking out

Soybeans blooming flowers and setting pods

Aug 1, 2023

Aug 19 2024



National Centers for Environmental Information. (n.d.). Climate at a Glance - Statewide Time Series.

Retrieved ,August 13 , 2024 , from https://www.ncei.noaa.gov/access/monitoring/climate-at-a-glance/statewide/time-series/11/tavg/1/4/2019-2024?base_prd=true&begbaseyear=1901&endbaseyear=2000

National Weather Service Climate Prediction Center. (n.d.). 6-10 Day Outlooks. Retrieved August 13 , 2024 , , from <https://www.cpc.ncep.noaa.gov/products/predictions/610day/>

Nutrien eKonomics. (n.d.). Rainfall Calculator. Retrieved August 19, 2024 , from [eKonomics | Fertilizer and Crop Nutrition Research, News and ROI \(nutrien-ekonomics.com\)](https://www.nutrien-ekonomics.com)

United States Department of Agriculture. (2024). Crop Progress Reports for August 8th-August 13th Retrieved , August 13 , 2024 , from [Crop Progress 08/12/2024 \(cornell.edu\)](https://www.ers.usda.gov/data-products/crop-progress/)

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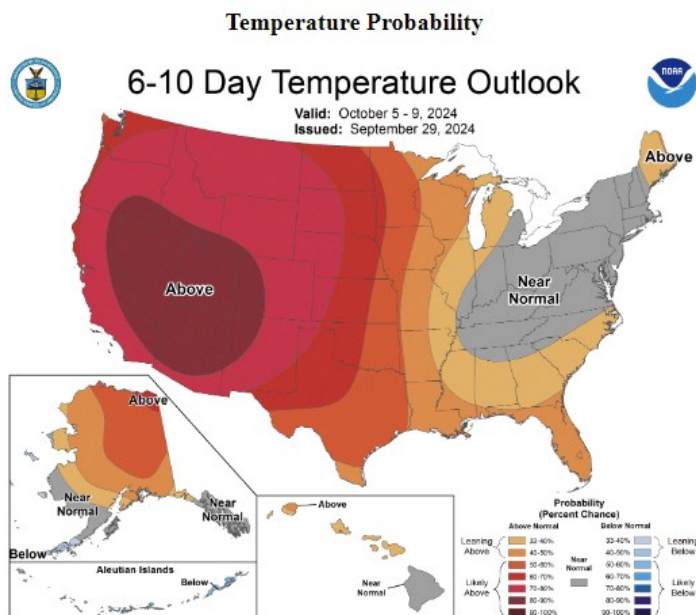
Crop Progress Report

By: Addison Rucker

October 2, 2024

Weather Predictions for Scoular:

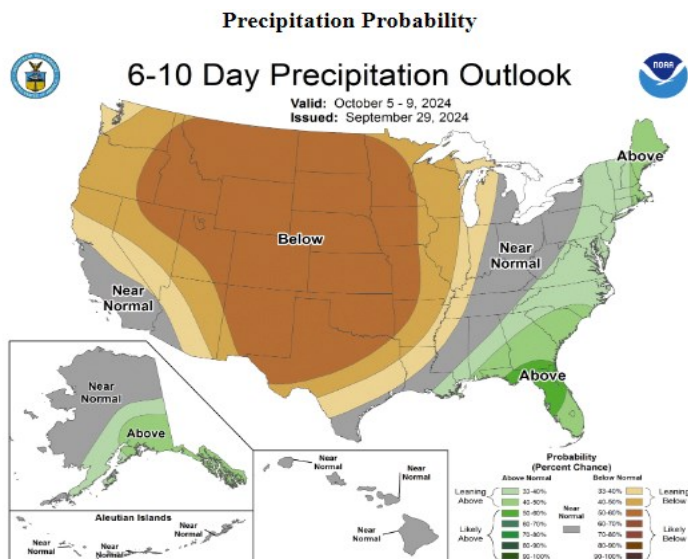
Temperature outlook as of September 30



After discussing with our Scoular IP soybean producers it sounds like harvest is in full swing. Minimal rain was received in August. Despite these dryer circumstances farmers are optimistic on yields for 2024 crop. The month of September was above average temperatures for the Midwest resulting in a earlier harvest for the lower parts of Illinois, Indiana and Ohio.

Hurricane Helene brought some heavy rains into Ohio, where they seen received anywhere from 3-4 inches of rain. Illinois lucked out with some light rains, averaging 1-2 inches. Temperature outlook for the next 6-10 days will be above average for the early parts of October.

Precipitation from September 30



Location	July	Aug	30-Sep	Total Since July 1, 2024
Peotone, IL	4.76	4.18	2.46	11.4
Poplar Grove, IL	5.15	2.65	1.71	9.51
Bloomington, IL	3.02	3.65	1.07	7.74
Covington, OH	3.37	2.87	4.27	10.51
CINCINNATI, OH	3.13	1.7	4.27	9.1
Lima, OH	2.74	2.85	2.97	8.56
Moberly, MO	4.74	3.56	1.72	10.02
Cherokee, IA	2.44	2.26	0.75	5.45
Omaha, NE	6.25	4.88	0.3	11.43

Growing Updates:

Corn Maturity						Soybeans Dropping Leaves					
State	9/29/2023	9/22/2024	9/29/2024	Average	Difference	State	9/29/2023	9/22/2024	9/29/2024	Average	Difference
Illinois	89	72	85	70	15	Illinois	91	77	86	69	17
Ohio	48	60	70	50	20	Ohio	74	78	86	71	15
Indiana	64	67	81	63	18	Indiana	75	72	86	73	13
Iowa	89	61	75	73	2	Iowa	84	59	80	75	5
Missouri	90	88	93	80	13	Missouri	77	56	72	51	21
Nebraska	81	66	79	74	5	Nebraska	92	75	88	88	0

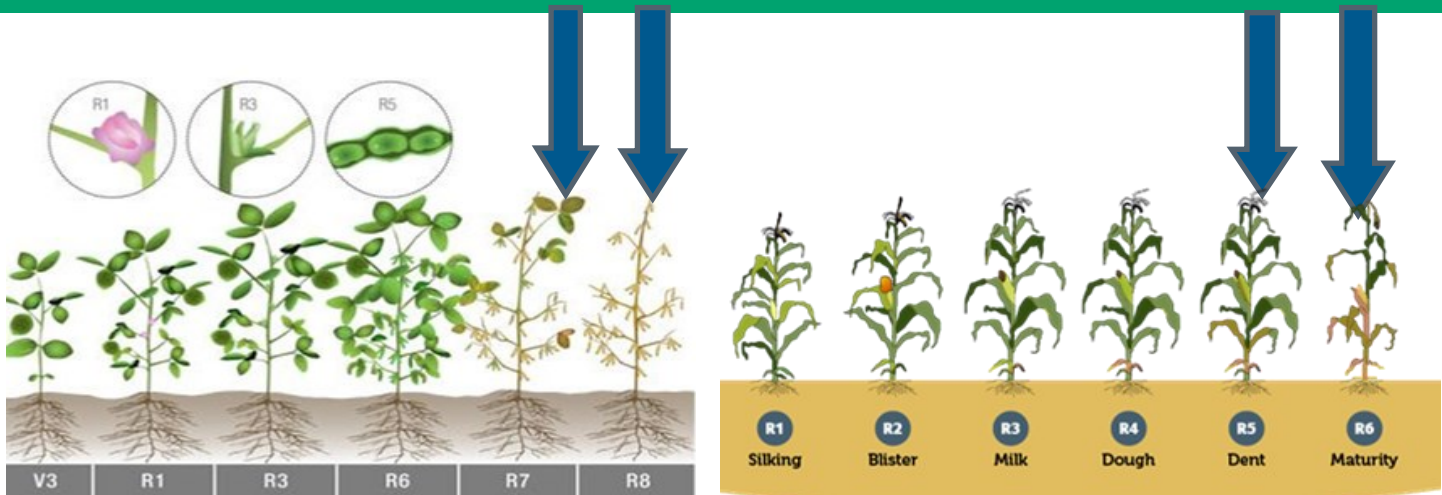
Corn Harvested						Soybeans Harvested					
State	9/29/2023	9/22/2024	9/29/2024	Average	Difference	State	9/29/2023	9/22/2024	9/29/2024	Average	Difference
Illinois	19	14	21	16	5	Illinois	15	15	24	11	13
Ohio	3	10	16	5	11	Ohio	6	14	23	10	13
Indiana	11	12	20	13	7	Indiana	14	16	23	14	9
Iowa	14	5	11	11	0	Iowa	20	9	27	21	6
Missouri	38	38	48	31	17	Missouri	10	8	13	5	8
Nebraska	20	10	17	16	1	Nebraska	25	10	24	23	1

Crop Conditions:

Corn Conditions September 29, 2024						Soybean Conditions September 29, 2024					
States	Very Poor	Poor	Fair	Good	Excellent	States	Very Poor	Poor	Fair	Good	Excellent
Illinois	1	4	18	58	19	Illinois	1	4	23	57	15
Ohio	6	17	38	36	3	Ohio	7	16	33	41	3
Indiana	3	7	28	50	12	Indiana	3	7	29	50	11
Iowa	1	4	18	59	18	Iowa	1	4	18	58	19
Missouri	2	3	12	61	22	Missouri	2	6	22	57	13
Nebraska	2	3	11	61	23	Nebraska	3	6	23	51	17



Growing Stages:



Illinois & Ohio Growing Updates:

Harvest around the Andres facility is about 2-3 weeks ahead of the average. The dry and hot weather in the month of Sept was out of the norm for this area but farmers are happy to get into the field. Illinois is 13% a head of the average on soybeans and 5% ahead on corn.

There is minimal rains in the forecast for the next few days. Andres farmers plan to harvest as much as they can in that window. Yield have been good, no bumper crop by any means.

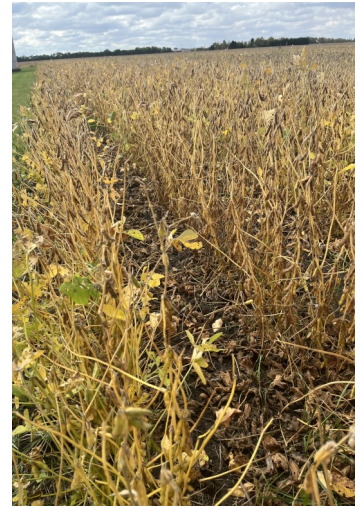
Crops in Ohio, are looking dryer then expected. As we are beginning harvest. The weather is cooling down since it is now fall time. There was a lot of rain this past week from Hurricane Helene, but it could potentially be too late to help out the crops.

The Covington location has a lot of different varieties of soybeans growing in the test plot. Despite some unfortunate weather conditions, crops in Covington are still looking strong. The test plot will begin harvest here very soon.

The Scoular 2024 test plot is starting to mature, leaves are dropping. Should be ready for harvest in 2-3 weeks.

The Covington test plot is looking pretty good, getting about that time to harvest.





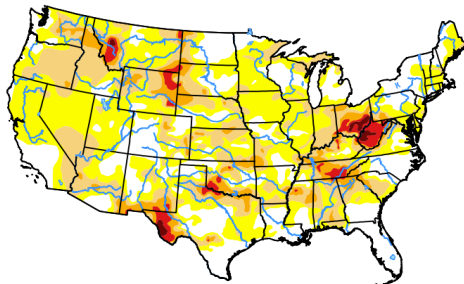
Corn is fully developed.

Soybeans are ready for harvest.

Sept 30, 2023

**U.S. Drought Monitor
Contiguous U.S. (CONUS)**

September 24, 2024
(Released Thursday, Sep. 26, 2024)
Valid 8 a.m. EDT



Intensity:
None
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. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

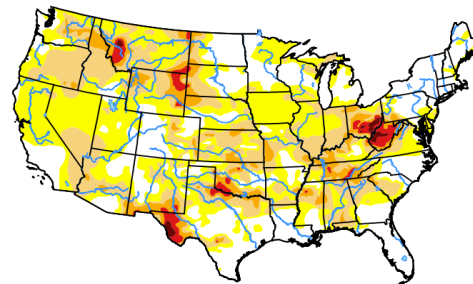
Author:
Brad Rippey
U.S. Department of Agriculture



Sep 30, 2024

**U.S. Drought Monitor
Contiguous U.S. (CONUS)**

September 17, 2024
(Released Thursday, Sep. 19, 2024)
Valid 8 a.m. EDT



Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
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Author:
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Nutrien eKonomics. (n.d.). Rainfall Calculator. Retrieved October 1, 2024 , from [Rainfall Tracker - eKonomics | The ROI of Fertilizer and Crop Nutrition \(nutrien-ekonomics.com\)](#)

United States Department of Agriculture. (2024). Crop Progress Reports for October 1, 2024 , from [Crop Progress 10/01/2024 \(cornell.edu\)](#)

U.S. Drought Monitor: Retrieved September 30,2024 for September 17,2023 and September 24,2024 from [Compare Two Weeks | U.S. Drought Monitor \(unl.edu\)](#)

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Scoular, headquartered in Omaha, Nebraska, is an employee-owned, \$8B agribusiness company leading the way since 1892. We buy, sell, store, handle and process grain and ingredients by leveraging our global networks and expertise in international trade and transportation. Employing 1,400 people in more than 100 offices and facilities in North America and Asia, we provide safe and reliable solutions to farmers, grain processors, renewable energy producers and manufacturers of animal feed, aquafeed and pet food as well as food, beverages and supplements. Learn more at Scoular.com.



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Crop Progress Report

By: Addison Rucker

October 25, 2024

Harvest update:

Harvest is near the end in the Midwest. With still some producers left to harvest there corn. Soybeans are pretty much harvested for the most part here in the Midwest. From the sounds of it yields seem to be going pretty good, some more rain during the growing season. Overall producers seem content with there results from 2024 harvest. As a farmer in central Illinois said “it’s not even Halloween an I’m done with beans”.

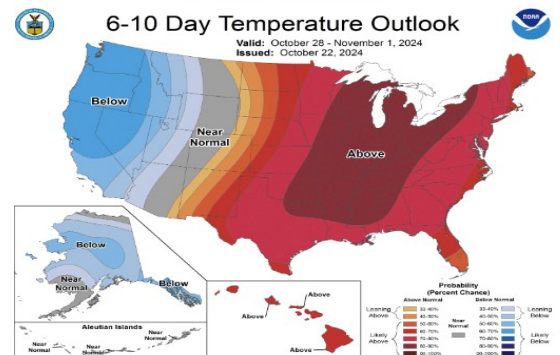
Harvest was early this year due to the lack of rain in the past month, making it easier for farmers to get to the field. The weather here in the Midwest is slowly cooling down, but still pretty warm considering it is approaching the end of October. We can expect the weather to continue to decrease as winter is approaching here in the Midwest region.

Temperature outlook from October 25

Rainfall in the Midwest as of October 25, 2024

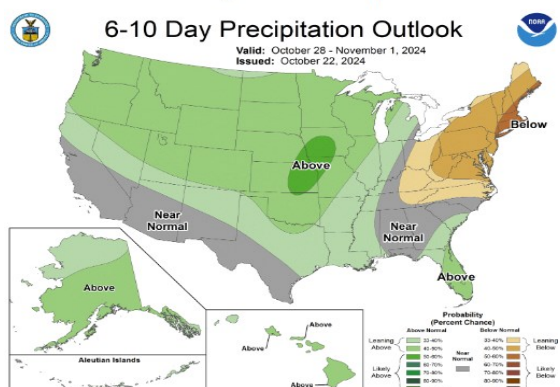
Location	Aug	Sep	22-Oct	Total Since Aug 1, 2024
Peotone, IL	4.18	2.46	0.45	7.09
Poplar Grove, IL	2.65	1.71	0	4.36
Bloomington, IL	3.65	1.07	0.14	4.86
Covington, OH	2.87	4.27	0.26	7.4
CINCINNATI, OH	1.7	4.27	0.2	6.17
Lima, OH	2.85	2.97	0.29	6.11
Moberly, MO	3.56	1.72	0	5.28
Cherokee, IA	2.26	0.75	0	3.01
Omaha, NE	4.88	0.3	0	5.18

Temperature Probability



Precipitation outlook from October 23

Precipitation Probability



Harvest Updates:

Corn Maturity						Soybeans Dropping Leaves					
State	10/20//2023	10/20//2024	10/20//2024	Average	Difference	State	10/13/2024	10/6/2024	10/13/2024	Average	Difference
Illinois	98	97	99	95	4	Illinois	98	90	93	91	2
Ohio	89	92	97	87	10	Ohio	94	93	97	91	6
Indiana	95	96	99	94	5	Indiana	94	92	96	93	3
Iowa	99	97	99	64	35	Iowa	97	93	98	94	4
Missouri	99	99	100	98	2	Missouri	94	84	91	84	7
Nebraska	99	94	98	97	1	Nebraska	99	96	98	97	1

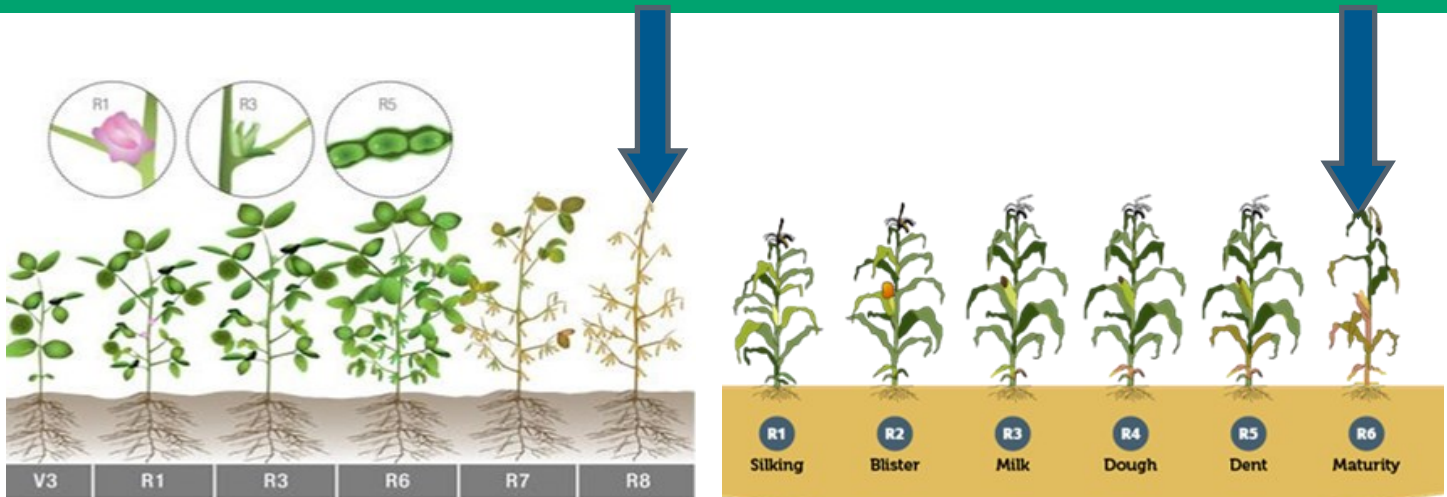
Corn Harvested						Soybeans Harvested					
State	10/20/2023	10/13/2024	10/20/2024	Average	Difference	State	10/20/2024	10/13/2024	10/20/2024	Average	Difference
Illinois	65	49	67	59	8	Illinois	75	62	76	67	9
Ohio	19	34	51	27	24	Ohio	60	62	78	61	17
Indiana	39	44	61	45	16	Indiana	61	57	75	62	13
Iowa	56	45	68	48	20	Iowa	83	81	91	76	15
Missouri	72	73	80	69	11	Missouri	57	41	61	43	18
Nebraska	57	45	63	51	12	Nebraska	79	70	85	80	5

Crop Conditions:

Corn Conditions October 30, 2024						Soybean Conditions October 7, 2024					
States	Very Poor	Poor	Fair	Good	Excellent	States	Very Poor	Poor	Fair	Good	Excellent
Illinois	1	5	18	55	21	Illinois	2	5	24	55	14
Ohio	7	12	41	37	3	Ohio	10	14	32	41	3
Indiana	3	6	29	50	12	Indiana	2	7	29	51	11
Iowa	1	4	19	56	20	Iowa	1	4	19	59	17
Missouri	2	3	11	61	23	Missouri	2	5	21	60	12
Nebraska	4	8	21	48	19	Nebraska	3	8	25	48	16



Growing Stages:



Illinois & Ohio Harvest Updates:

In Andres IL, harvest is pretty much done for soybeans, while still getting some done for corn. Corn is harvesting faster then it has in years prior. Soybeans are harvesting rapidly faster then last year according to the USDA data.

The states here in the Midwest have harvested on average 10-15 percent higher then in previous years. This including states such as Indiana, Kansas, Illinois, and Ohio. Corn and soybeans has matured about 10 percent faster then it has in years prior to in the Midwest.

As far as harvest over in Covington, Ohio. We are pretty much finished, there is still some producers bringing in some soybeans. It seems that things are looking pretty average, but could of used more rain in this area.

Due to low amounts of rain in the Covington area Scoular's test plot has been harvested earlier then in years prior. We use the test plot is to help determine the best new and upcoming varieties for Scoular producers.

The Scoular 2024 test plot has now been harvested.



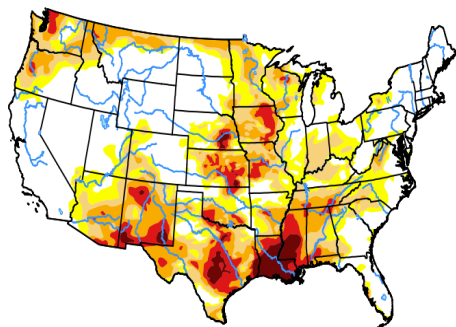
The Covington test plot for 2024 has been harvested.



Oct 24, 2023

U.S. Drought Monitor
Contiguous U.S. (CONUS)

October 24, 2023
(Released Thursday, Oct. 26, 2023)
Valid 8 a.m. EDT



Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

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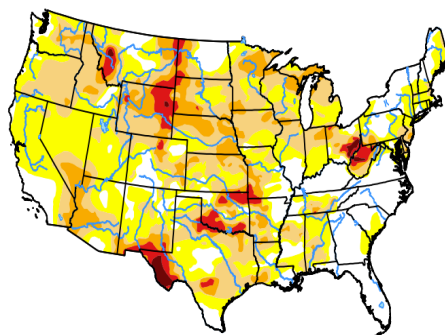
Author:
Rocky Bilotta
NCEI/NOAA



Oct 15, 2024

U.S. Drought Monitor
Contiguous U.S. (CONUS)

October 15, 2024
(Released Thursday, Oct. 17, 2024)
Valid 8 a.m. EDT



Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

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Author:
Brian Fuchs
National Drought Mitigation Center



National Centers for Environmental Information. (n.d.). Climate at a Glance - Statewide Time Series.

Retrieved October 23, 2024 , National Weather Service Climate Prediction Center. (n.d.). 6-10 Day Outlooks. from [Climate Prediction Center - 6 to 10 Day Outlooks \(noaa.gov\)](#)

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United States Department of Agriculture. (2024). Crop Progress Reports for October 22, 2024 , from [Crop Progress 10/01/2024 \(cornell.edu\)](#)

U.S. Drought Monitor: Retrieved October 22,2024 for October 17,2024 and October 24,2024 from [Compare Two Weeks | U.S. Drought Monitor \(unl.edu\)](#)

For more information, contact
your local account representative or:

IPGrain@scoular.com | (612) 335-8205

scoular.com

More about Scoular:

Scoular, headquartered in Omaha, Nebraska, is an employee-owned, \$8B agribusiness company leading the way since 1892. We buy, sell, store, handle and process grain and ingredients by leveraging our global networks and expertise in international trade and transportation. Employing 1,400 people in more than 100 offices and facilities in North America and Asia, we provide safe and reliable solutions to farmers, grain processors, renewable energy producers and manufacturers of animal feed, aquafeed and pet food as well as food, beverages and supplements. Learn more at Scoular.com.



Let's get growing.®



SCHWARTZ FARMS

SOYBEAN REPORT

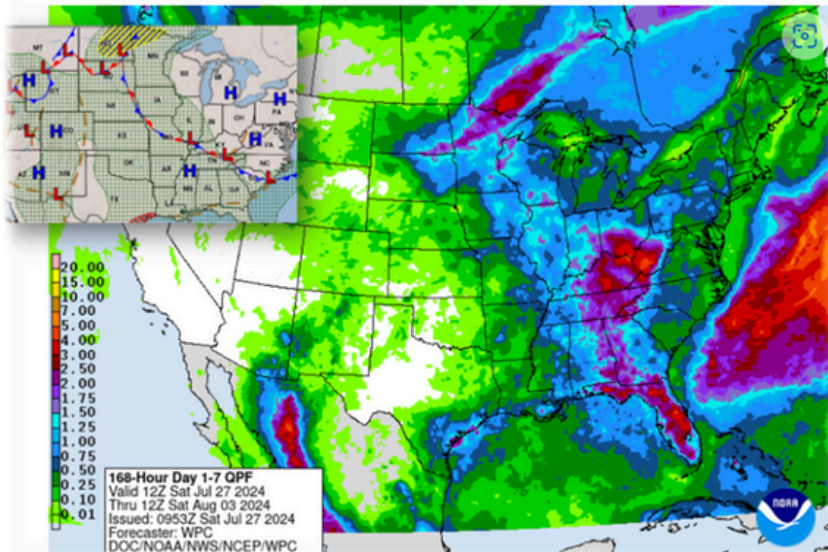
August 1st 2024

WEATHER UPDATE:

The weather at Schwartz farms overall has been warm and dry, we have received some scattered rain showers that has helped us, but we are still in need of some rain. Our temperatures have ranged from upper 70s to mid-80s, and we have only received about 3 inches of rain in total throughout the month of July.

July 2024 View						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30 Cloudy Actual: 78° 55° 0.18 in	1 Mostly Sunny Actual: 73° 50° 0 in	2 Mostly Cloudy Actual: 82° 53° 0 in	3 Mostly Cloudy Actual: 89° 71° 0 in	4 Cloudy Actual: 81° 70° 0.06 in	5 Cloudy Actual: 84° 69° 0.36 in	6 Mostly Cloudy Actual: 82° 66° 0 in
7 Mostly Cloudy Actual: 85° 60° 0 in	8 Mostly Cloudy Actual: 88° 62° 0 in	9 Cloudy Actual: 85° 64° 0 in	10 Mostly Cloudy Actual: 83° 65° 0.02 in	11 Cloudy Actual: 77° 61° 0.09 in	12 Mostly Sunny Actual: 85° 58° 0 in	13 Mostly Cloudy Actual: 88° 65° 0 in
14 Cloudy Actual: 87° 61° 0 in	15 Mostly Cloudy Actual: 89° 69° 0 in	16 Mostly Cloudy Actual: 86° 74° 0 in	17 Cloudy Actual: 81° 66° 0 in	18 Mostly Cloudy Actual: 77° 59° 1.42 in	19 Mostly Sunny Actual: 79° 54° 0 in	20 Partly Cloudy Actual: 82° 57° 0 in
21 Cloudy Actual: 80° 54° 0 in	22 Cloudy Actual: 80° 64° 0 in	23 Mostly Cloudy Actual: 84° 63° 0.01 in	24 Foggy Actual: 84° 65° 1.33 in	25 Foggy Actual: 77° 61° 0.54 in	26 Mostly Sunny Actual: 79° 56° 0 in	27 Mostly Sunny Actual: 85° 55° 0 in
28 Mostly Sunny Actual: 87° 58° 0 in	29 Mostly Cloudy Actual: 86° 61° 0 in	30 Cloudy Actual: 82° 70° 0.55 in	31 Mostly Sunny Forecast: 89° 69° 0.07 in	1 Scattered Thunderstorms Forecast: 87° 69° 0.3 in	2 Thunderstorms Forecast: 81° 67° 0.62 in	3 Thunderstorms Forecast: 80° 65° 0.24 in

Weekly Rain Forecast

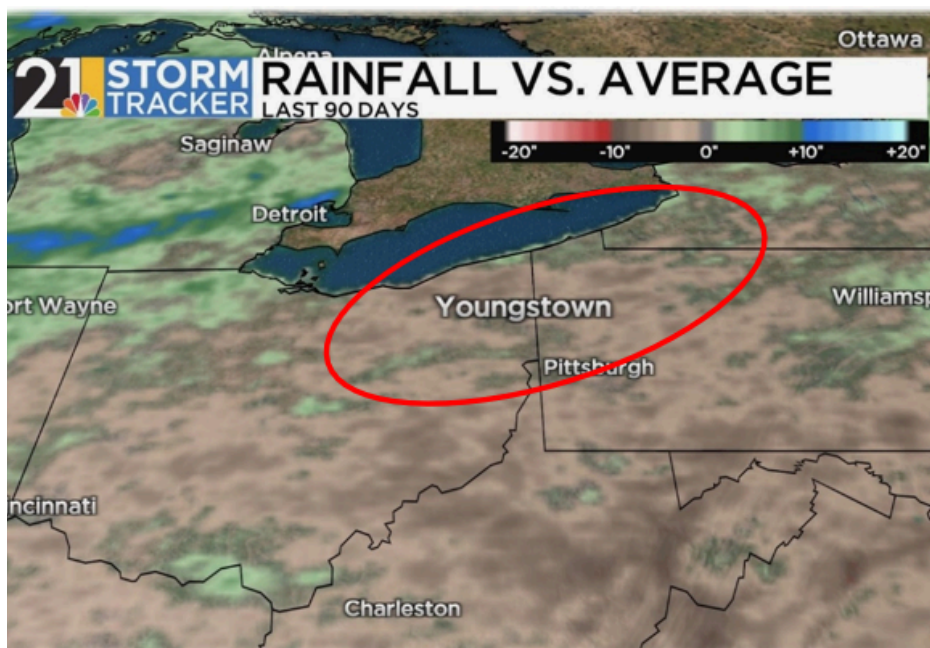
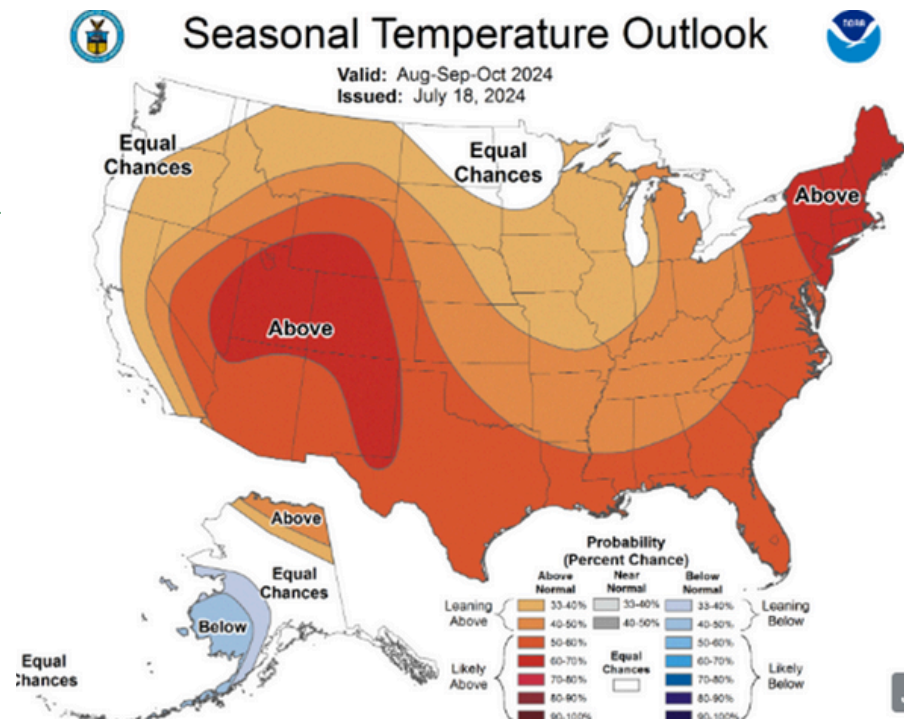


WEEKLY RAIN FORECAST

Weekly rain forecast valid through August 3rd 2024. Appears that we should receive about a quarter to half inch of rain within the next week.

SEASONAL TEMPERATURE OUTLOOK

The seasonal temperature forecast for August, September, and October indicates above-average temperatures in all regions where our growers are located. If we receive enough rainfall along with the warm weather, our crops are expected to develop well.



The local news station's map shows the rainfall levels over the last three months in contrast to our usual average for this season. The brown color on the map signifies lower-than-average precipitation in our area, with a red circle marking the approximate locations of our food-grade growers.



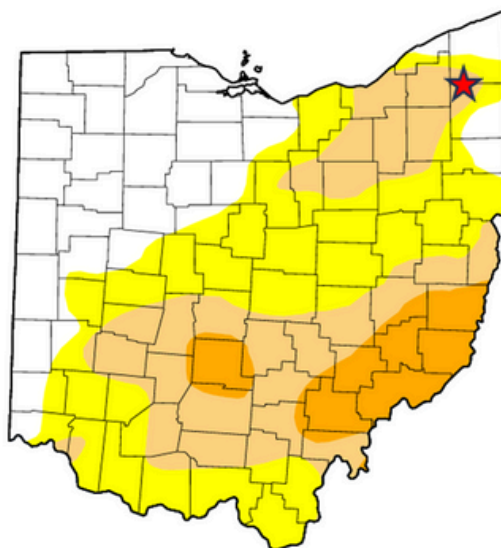
Schwartz Farms Soybean Report August 1st 2024

DROUGHT CONDITIONS UPDATE

Much of Ohio is in drought, we are located in the region of abnormally dry/moderate Drought. We have received a few rain showers since this map was released which has helped us in our area, but we have been hearing that the rain showers have been pretty spotty, and not all areas have received rain. Our Soybeans are still doing well despite the dry conditions, but we need some decent rain here in the near future or else we may run into some issues. Much of the Midwest is drought free, while precipitation is still below normal. Moderate to severe drought was expanded in parts of eastern and southern Ohio.

U.S. Drought Monitor Ohio

July 23, 2024
(Released Thursday, Jul. 25, 2024)
Valid 8 a.m. EDT



Intensity:

- None
- 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. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

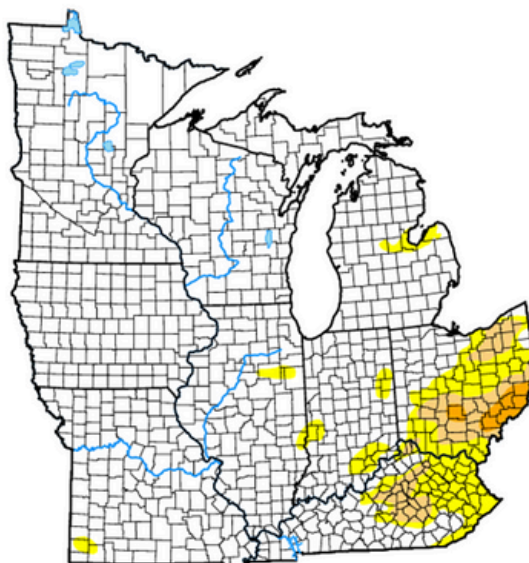
Rocky Bilotta
NCEI/NOAA



droughtmonitor.unl.edu

Midwest

(Released Thursday, Jul. 25, 2024)
Valid 8 a.m. EDT



Intensity:

- None
- 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. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

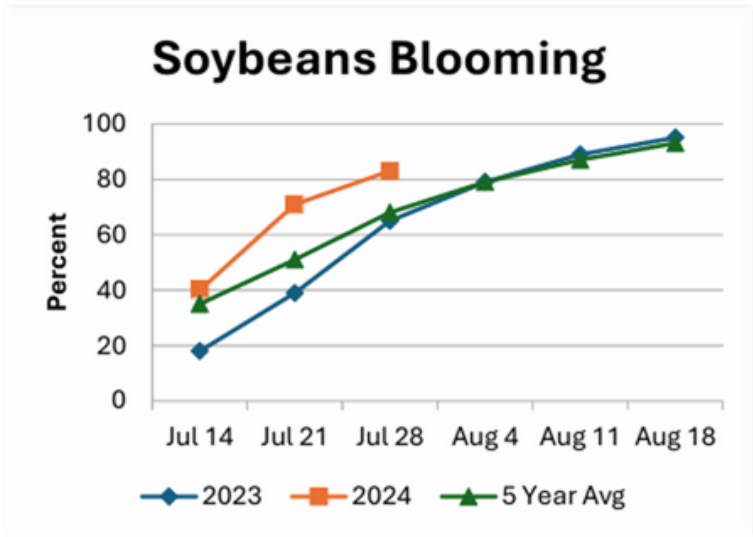
Rocky Bilotta
NCEI/NOAA





CROP CONDITIONS UPDATE:

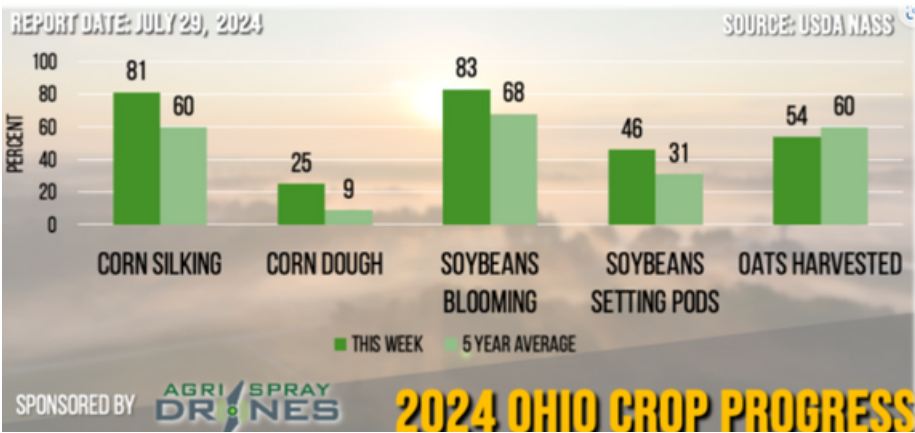
The crop conditions across the state of Ohio are rated as "Good". Despite the drought conditions we are experiencing, crop conditions are still remaining sufficient. 83% of the soybeans in the state of Ohio are now blooming, and 46% of the Soybean Crop are setting pods.



Soil Moisture: Week Ending 07/28/24				
Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture	14	48	36	2
Subsoil moisture	11	47	42	0

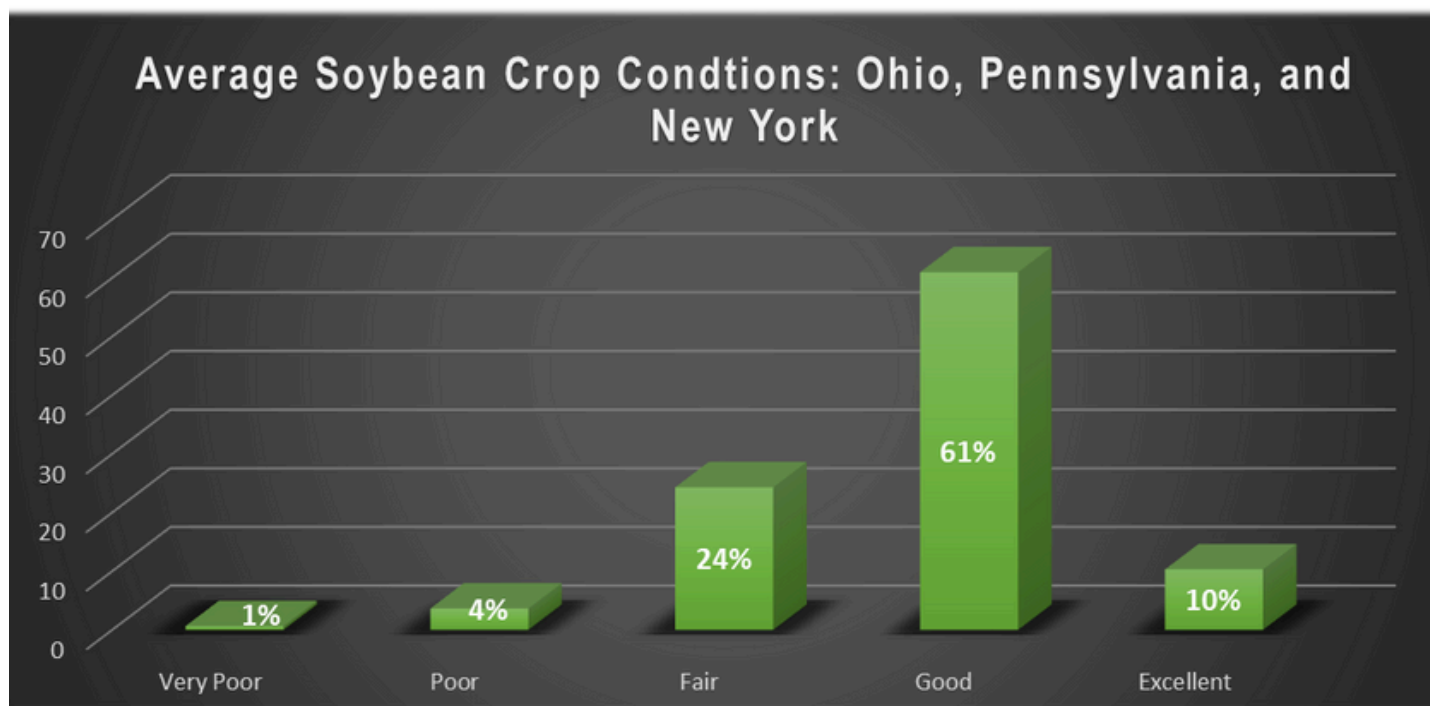
Crop Progress: Week Ending 07/28/24				
Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork ..	6.2	5.8	NA	NA
Corn Silking.....	81	60	54	60
Corn Dough	25	13	2	9
Soybeans Blooming	83	71	65	68
Soybeans Setting Pods	46	25	25	31
Alfalfa Hay 2nd Cutting	96	82	85	84
Other Hay 2nd Cutting.....	73	64	59	61
Alfalfa Hay 3rd Cutting	22	2	11	14
Other Hay 3rd Cutting	11	0	7	3
Oats Headed.....	97	93	99	98
Oats Mature	85	64	NA	NA
Oats Harvested.....	54	24	71	60

Crop Condition: Week Ending 07/28/24					
Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	1	4	29	55	11
Soybeans	2	5	30	55	8
Oats.....	0	0	10	85	5
Pasture and Range....	2	14	46	36	2





CROP CONDITIONS FOODGRADE GROWERS STATES:



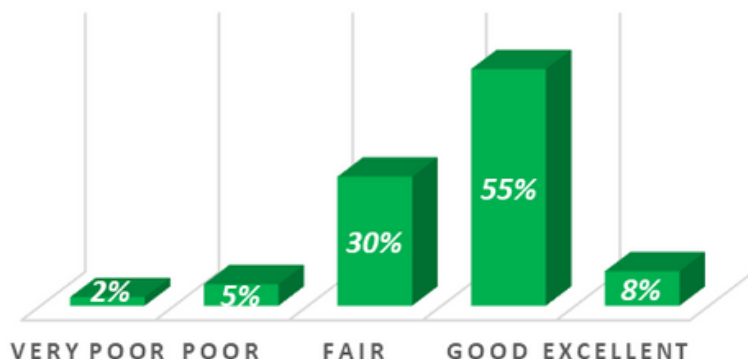
The graph shows the average soybean crop condition in the three states where Schwartz Farms collaborates with food-grade contracted growers. Pennsylvania is the reason for the increase in the average rating for soybean crops classified as "Good." PA is also experiencing some dry conditions within the state, but the conditions are less severe than those in Ohio or New York.



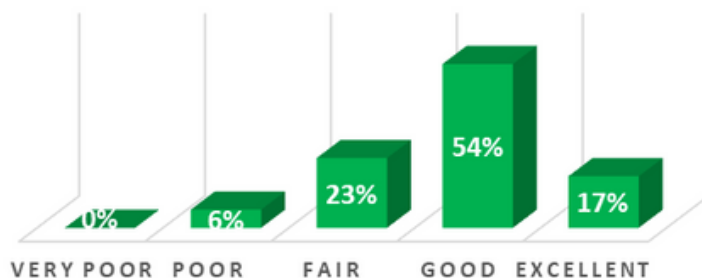
CROP CONDITIONS FOODGRADE GROWERS STATES:

Crop conditions in Ohio, Pennsylvania, and New York are generally good, but Ohio is struggling more than the other two states due to insufficient rainfall. While all three states are experiencing drier water, Ohio is facing slightly worse conditions. At Schwartz Farms we have noticed that, despite the need for rain, insect damage is much lower compared to the 2023 growing season, when Japanese Beetles caused some damage to the plants. Our soybean crop looks strong overall with healthy plants and good pod development thus far in the growing season. Meanwhile, Pennsylvania and New York are benefitting from better rainfall, which has helped their crop condition reports.

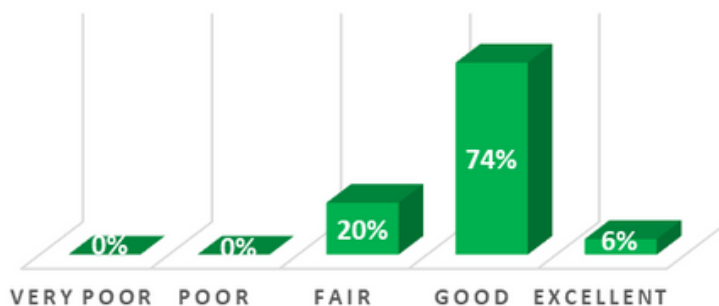
OHIO SOYBEAN CONDITION: WEEK ENDING 07/28/2024



NEW YORK SOYBEAN CROP CONDITION: WEEK ENDING 07/28/2024



PENNSYLVANIA SOYBEAN CROP CONDITION: WEEK ENDING 07/28/2024





Schwartz Farms Soybean Report August 1st 2024

SOYBEAN GROWTH PROGRESS:

Pictures from one of our growers
located in Warren, OH

Variety: 32Q0

Picture Date: 7/18/2024





Schwartz Farms Soybean Report August 1st 2024

SOYBEAN GROWTH PROGRESS:

Variety: IA3051

Planted: 5/4/2024

Picture Taken: 8/1/2024





Schwartz Farms Soybean Report August 1st 2024

SOYBEAN GROWTH PROGRESS:

Variety: IA3054

Planted: 5/23/2024

Picture Taken: 8/1/2024



SOYBEAN GROWTH PROGRESS:

Variety: 32Q0

Planted: 5/1/2024

Picture Taken: 8/1/2024



SOYBEAN GROWTH PROGRESS:

Variety: 22Yo

Planted: 5/25/2024

Picture Taken: 8/1//2024





Schwartz Farms Soybean Report August 1st 2024

PROJECTS/UPDATES AT SCHWARTZ FARMS



Above is the Construction behind the current seed plant, the metal silo is now in place, they are continuing to work on electrical wiring and plans for the building. Below is the bin construction at 193 site. The concrete bases are complete, next steps are continuing to level and grade the ground around the concrete bases.

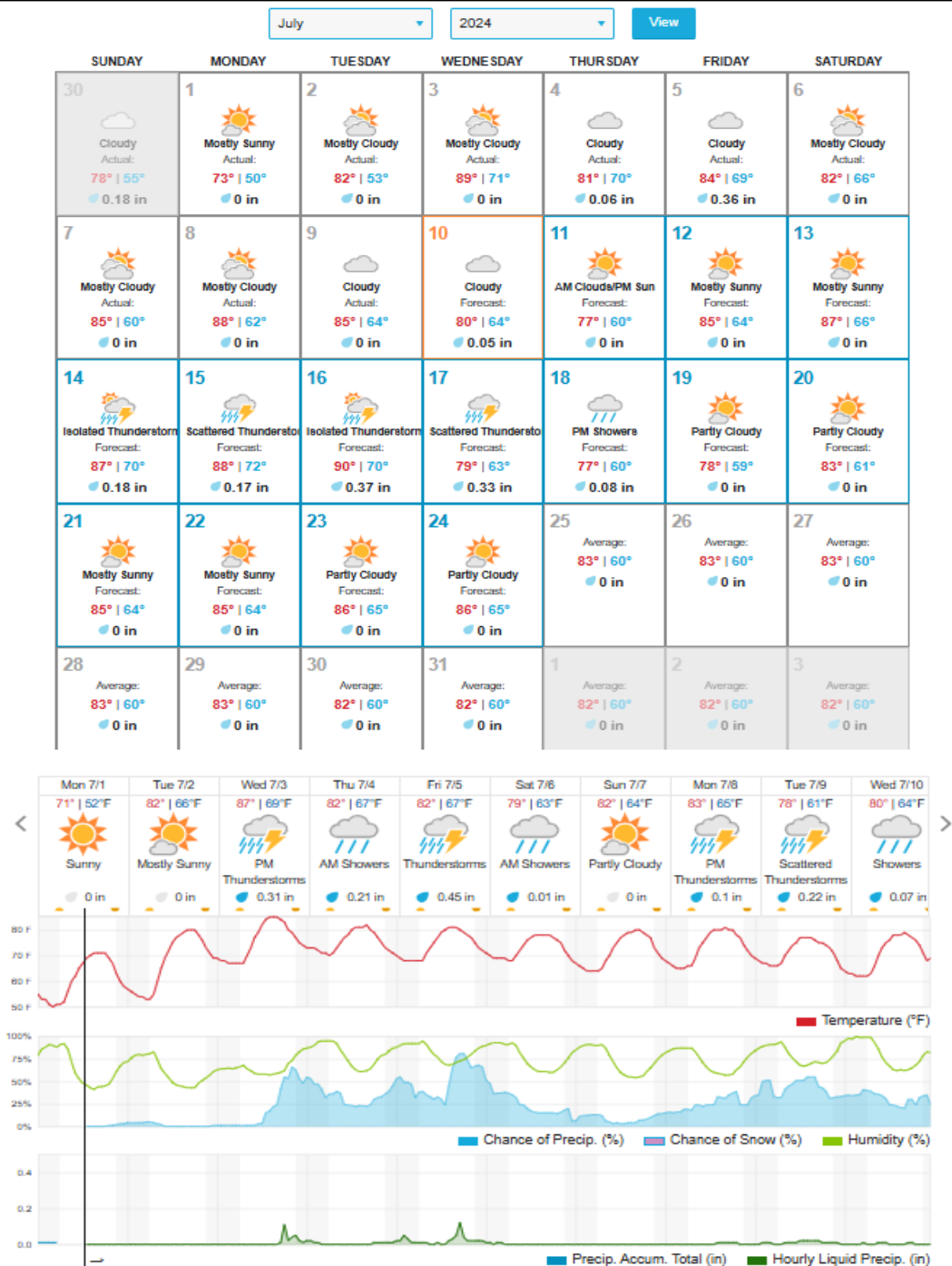




Schwartz Farms Soybean Report July 10, 2024

Weather Update:

The weather here at Schwartz Farms has been consistently warm and sunny. Wheat harvest officially began here on July 1, 2024 and concluded on July 8, 2024. The occasional rains with warm sunny days in between allowed for the wheat to mature fully. Looking further into the forecast, temperatures are expected to hover around the 80s, accompanied by scattered storms over the course of the next two weeks.



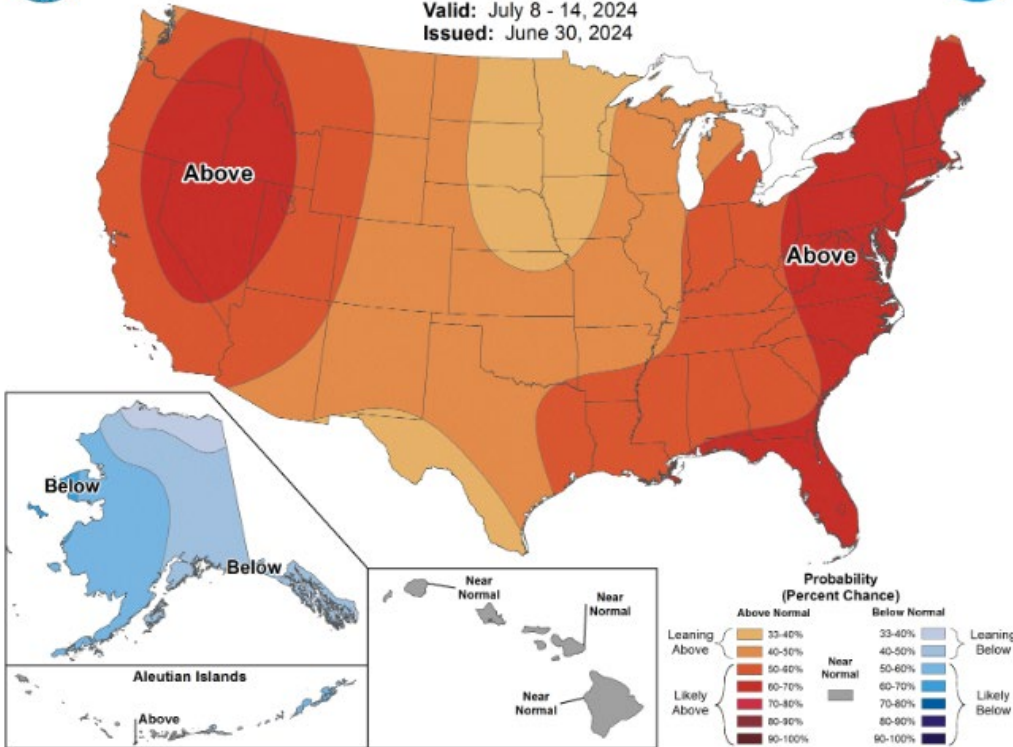
Schwartz Farms Soybean Report July 10, 2024

Temperature Probability



8-14 Day Temperature Outlook

Valid: July 8 - 14, 2024
Issued: June 30, 2024

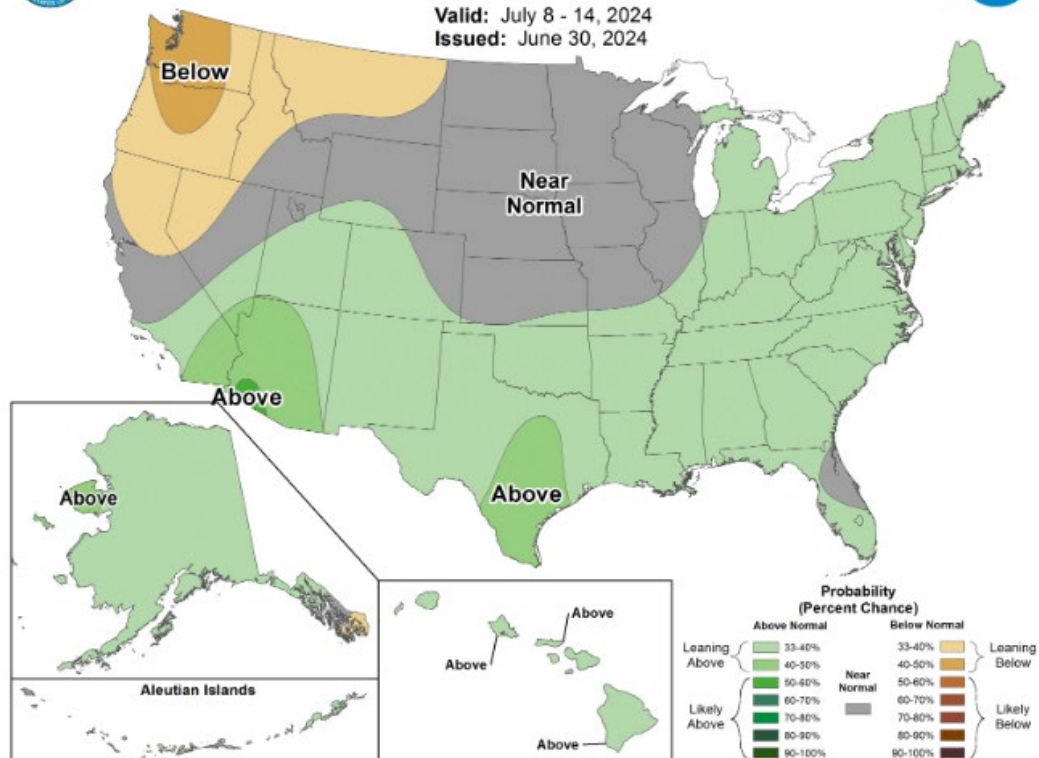


Looking at the extended forecast probabilities, the temperatures are projected to remain consistently above average. Similarly, the region where Schwartz Farms is situated indicated a leaning toward above average chances of rain within days. These forecasts suggest ongoing favorable conditions for continued crop development.



8-14 Day Precipitation Outlook

Valid: July 8 - 14, 2024
Issued: June 30, 2024




Schwartz Farms Soybean Report July 10, 2024

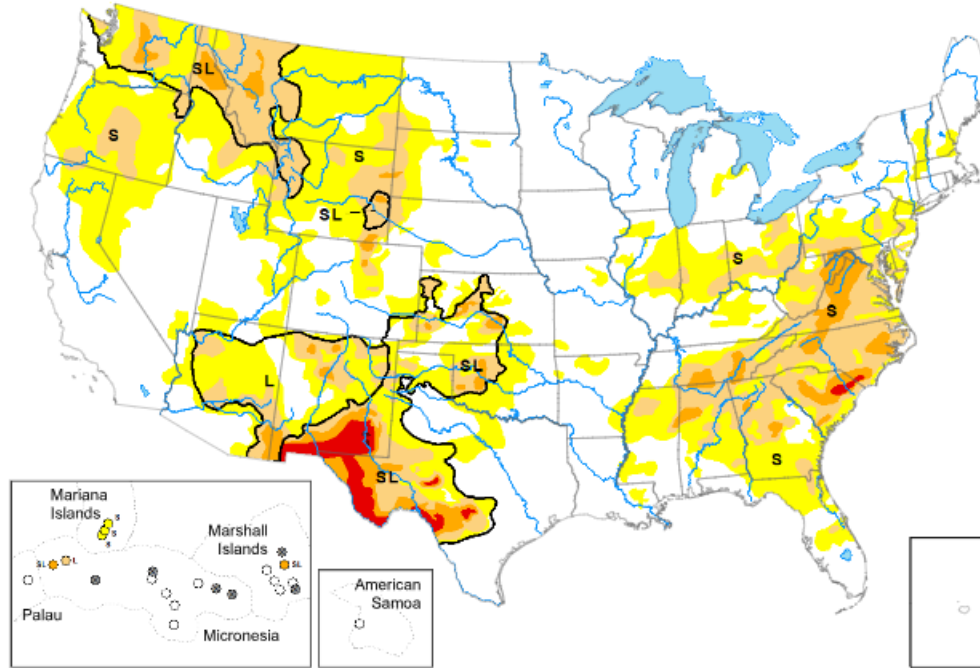
Drought Conditions Update:

Map released: July 11, 2024

Data valid: July 9, 2024

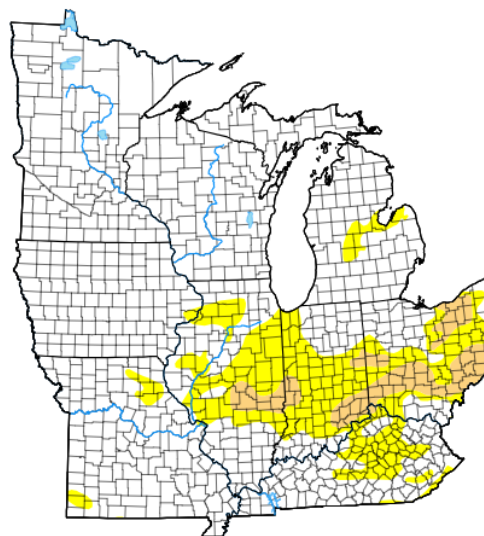
 View grayscale version

The drought monitor maps indicates a notable increase in abnormally dry and moderate drought conditions compared to our previous report. Specifically in the Midwest, several rounds of high temperatures and precipitation primarily concentrated in the upper Midwest and Great Lakes regions. The storm track predominantly affecting these northern areas has led to considerable disparities in rainfall totals across the Midwest. As a result, the upper Midwest and northern Great Lakes have had a good amount of rainfall, leading to substantial improvements in crop conditions there. In contrast, the southern and central regions, particularly across sections of the corn belt, are experiencing rapid drying due to persistent heat waves. These conditions highlight the diverse impacts of recent weather patterns on agricultural areas within the Midwest.



Midwest

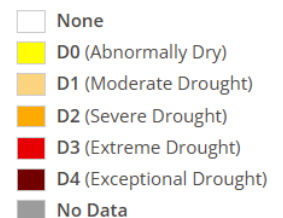
[Home](#) / [Midwest](#)



Map released: Thurs. July 11, 2024

Data valid: July 9, 2024 at 8 a.m. EDT

Intensity



Authors

United States and Puerto Rico Author(s):

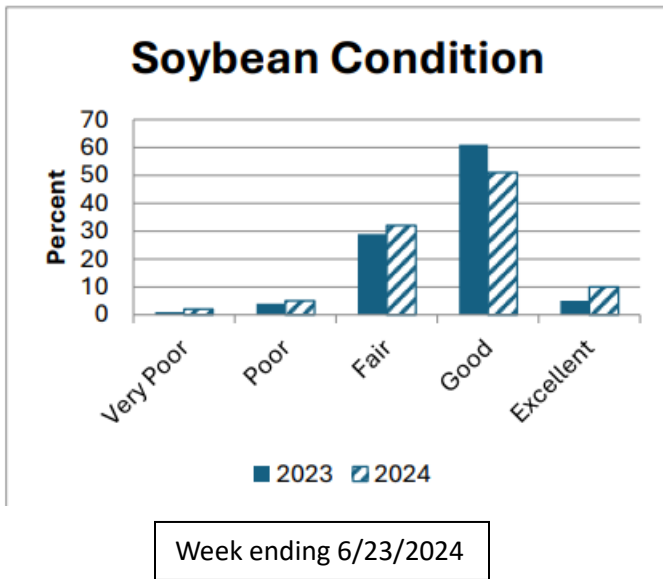
[Brian Fuchs](#), National Drought Mitigation Center

Pacific Islands and Virgin Islands Author(s):

[Lindsay Johnson](#), National Drought Mitigation Center

Schwartz Farms Soybean Report July 10, 2024

Crop Conditions Update:



Soil Moisture: Week Ending 06/30/24

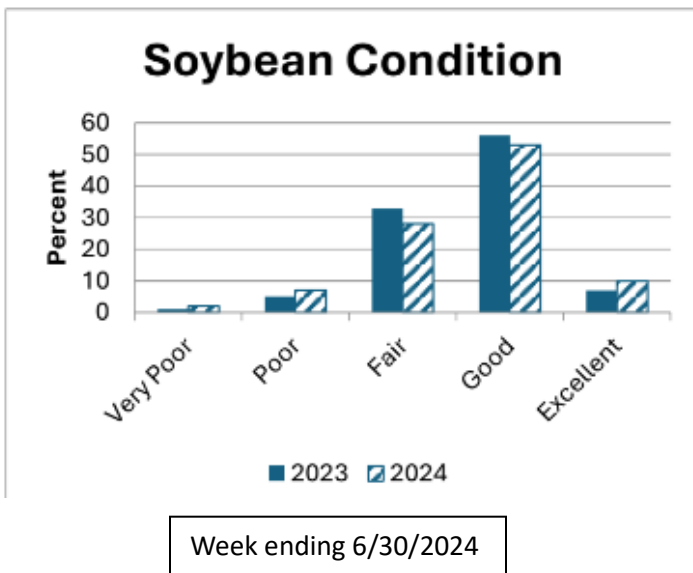
Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture	13	32	48	7
Subsoil moisture	8	32	58	2

Crop Progress: Week Ending 06/30/24

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork ..	4.9	6.4	NA	NA
Corn Silking	3	0	0	1
Soybeans Emerged	97	94	100	90
Soybeans Blooming	12	1	3	7
Oats Headed	71	43	84	81
Winter Wheat Mature	96	86	69	68
Winter Wheat Harvested	49	17	4	14
Alfalfa Hay 2nd Cutting	31	3	34	28
Other Hay 1st Cutting	95	91	99	85
Other Hay 2nd Cutting	8	1	16	18

Crop Condition: Week Ending 06/30/24

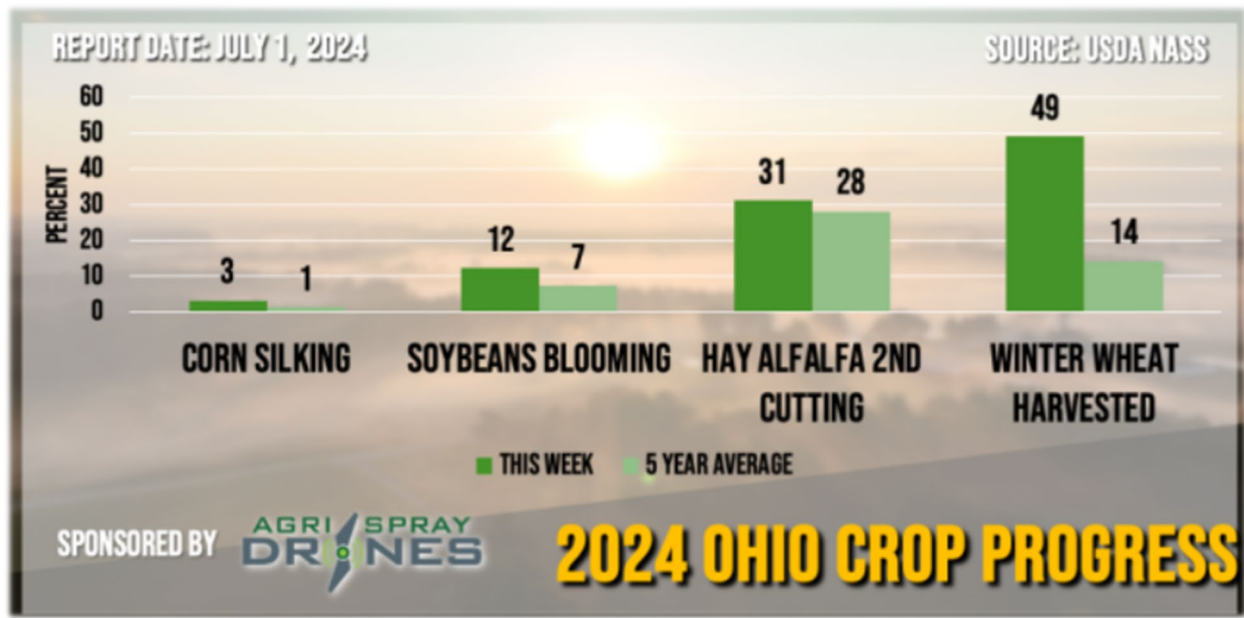
Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	1	7	26	54	12
Soybeans	2	7	28	53	10
Winter Wheat	2	3	23	57	15
Oats	0	0	20	77	3
Pasture and Range	1	4	38	53	4



Over the past two weeks, there has been a significant improvement in crop conditions. Soybean crops, in particular, have seen notable progress, with the current rating of 63% good to excellent conditions.

This marks an increase from the previous week's rating of 60% in the same category. Topsoil moisture conditions also reflect positive changes for the state of Ohio, with ratings showing 13% classified as "very short", 32% as "short", 48% as "adequate", and 7% as "surplus". These improved moisture levels are crucial for sustaining and enhancing crop growth across the region.

Schwartz Farms Soybean Report July 10, 2024



Above you can see that across the state of Ohio, Current statistics show that 12% of soybean are already in bloom, surpassing the 5-year average by 5%. Additionally, winter wheat harvesting is progressing well with 49% already harvested, significantly ahead of the 5-year average of 14%. You can see in the soybean growth update section that our soybeans here at Schwartz Farms have started blooming. Our winter wheat is done being harvested and double crop soybeans are being planted.

Schwartz Farms Soybean Report July 10, 2024

Wheat Harvest:

Wheat harvest began at Schwartz Farms on July 1st 2024, after the wheat is harvested, the left-over stems from the wheat called straw is then baled and sold. Straw can be used for many things such as animal bedding; landscape uses like keeping weeds at bay in residential settings as well as assisting with retaining soil moisture and much more.



Bill harvesting Wheat in our JD S680 combine- Harvesting the wheat variety AgriMaxx 525.

Picture Taken: 7/2/2024

Schwartz Farms Soybean Report July 10, 2024



In these pictures Sam is harvesting with our
Case 8230 Combine - Harvesting the wheat
variety AgriMaxx 505.

Picture taken 7/2/2024



Schwartz Farms Soybean Report July 10, 2024

Below the guys are baling straw the straw. After the straw is all off the field then Double crop soybeans are planted.



Schwartz Farms Soybean Report July 10, 2024



Sam planting double crop
soybeans.

7/8/2024

Double cropping soybeans is a way to utilize farm land to its fullest potential, but it comes with some challenges. With double crop soybeans there are many challenges that the farmer faces including; a shorter growing season, unpredictable weather, weed issues, and developing enough leaf area fast enough to fill pods before frost could potentially kill the plants. Soybeans that are selected to grow for double crop have a shorter relative maturity (RM). Relative Maturity is a number system using decimals representing the amount of time it takes for the plant to reach full maturity, these numbers are used when comparing different varieties, a short RM is crucial for aligning with the limited growing window of double cropping. An early planting date for double crop soybeans is essential for success. In order to make sure of an early planting date for double crop soybeans, wheat can be harvested when the moisture is a bit higher than preferred, and then dried, this allows for more control over the date when double crop soybeans are planted. Higher seeding rates and narrower row spacing optimize sunlight capture and photosynthesis efficiency, crucial for maximizing yield potential within the condensed time frame. Beans grown in more narrow rows later in the growing season yield better because they capture more sunlight energy, which drives the process of photosynthesis. The process of double cropping soybeans not only enhances farm productivity but also contributes to sustainable land use by minimizing idle periods and maximizing cropland productivity throughout the year.

Schwartz Farms Soybean Report July 10, 2024



Dan's Grandson, Caden, helping
harvest the wheat plot.

7/8/2024



Schwartz Farms Soybean Report July 10, 2024

Soybean Growth Update:

Variety: IA3051

Planted: 5/4/2024

Picture Taken: 7/9/2024



Schwartz Farms Soybean Report July 10, 2024

Variety: IA3054

Planted: 5/23/2024

Picture Taken: 7/9/2024



Schwartz Farms Soybean Report July 10, 2024

Variety: 32Q0

Planted: 5/1/2024

Picture Taken: 7/9/2024



Schwartz Farms Soybean Report July 10, 2024

Variety: 22Y0

Planted: 5/25/2024

Picture Taken: 7/9/2024



Schwartz Farms Soybean Report July 10, 2024

New Projects/Updates at Schwartz Farms:



New bins under construction at 193 grain facility



Above the Crain is moving the metal silo. This is being moved behind the seed plant where the new bins were just assembled.



Updated photos of the new bins Located behind the current seed plant

Schwartz Farms Soybean Report July 10, 2024

Dairy Bar – Trumbull County Fair 2024

Each year Schwartz Farm volunteers at the Trumbull County Fair's Dairy Bar where they prepare and sell Milk Shakes.



Schwartz Farms Soybean Report July 10, 2024

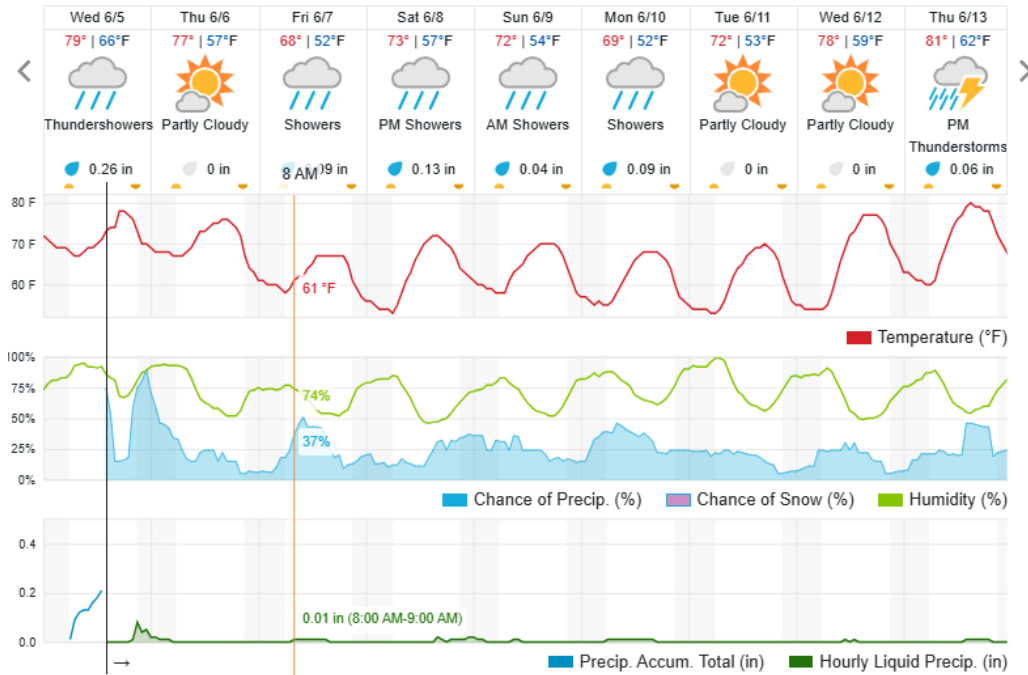




Schwartz Farms Soybean Report – June 7th, 2024

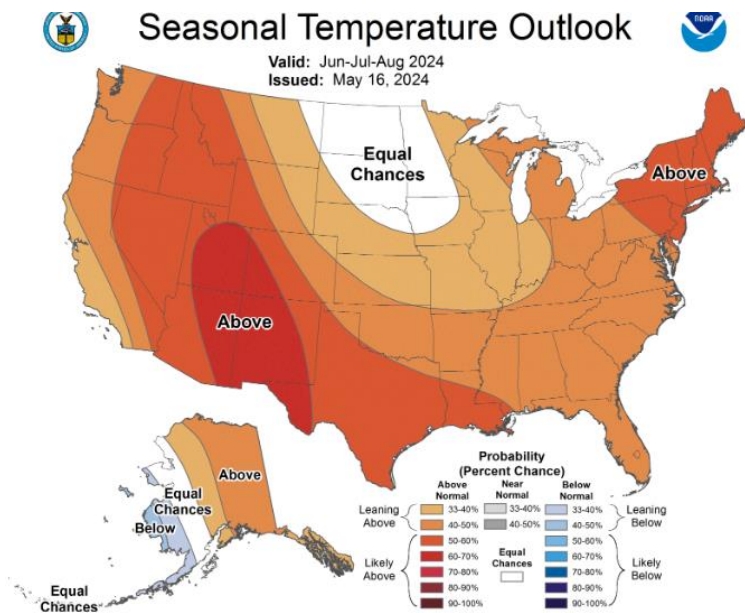
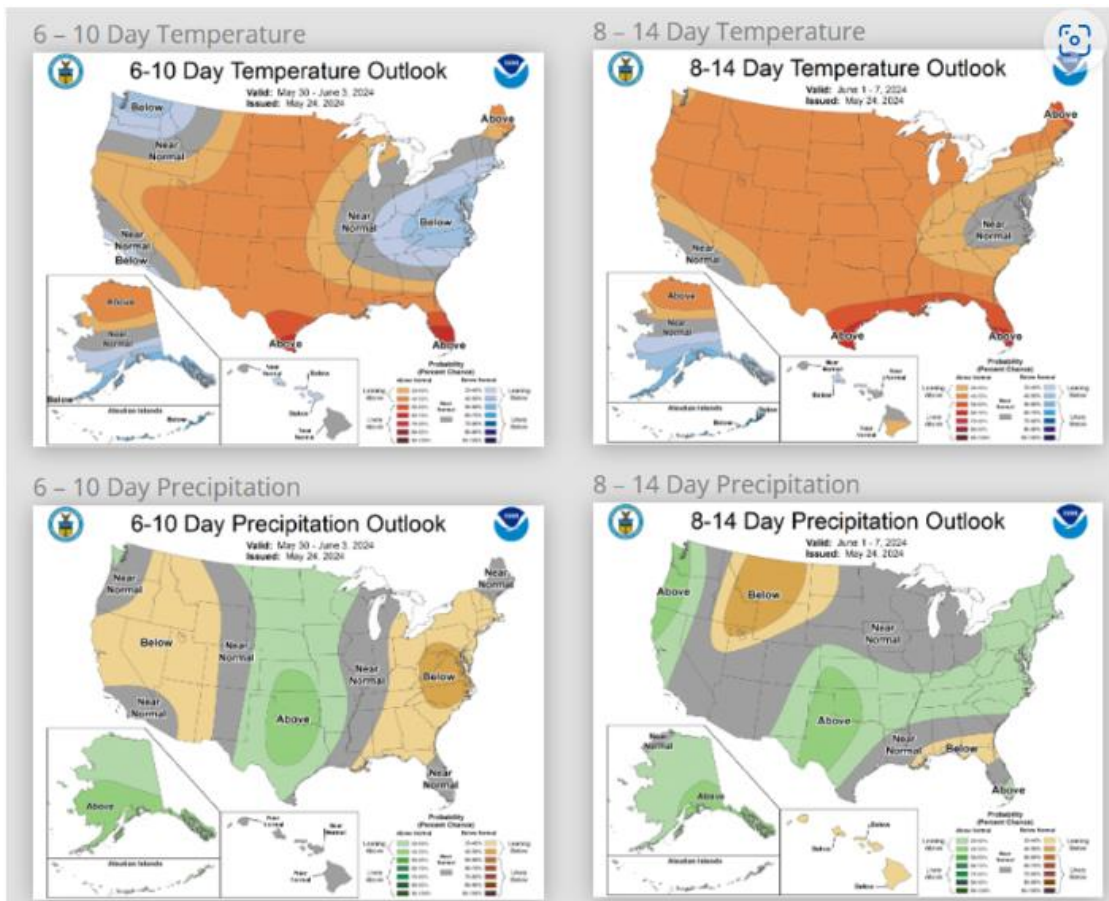
Weather:

The weather in Cortland since our last report has consisted of average temperatures with occasional rain throughout the last three weeks. The occasional rain has made it challenging to stay in the fields and continue the planting process for the 2024 season for us and our growers. Over the past two weeks our temperatures have ranged with highs in the mid-80s and lows in the mid-50s and average of 75 degrees during the day. Since our last report we have received about 2.75 inches of rain, through scattered showers and thankfully have had some dry days in-between that allowed us to get into the fields.



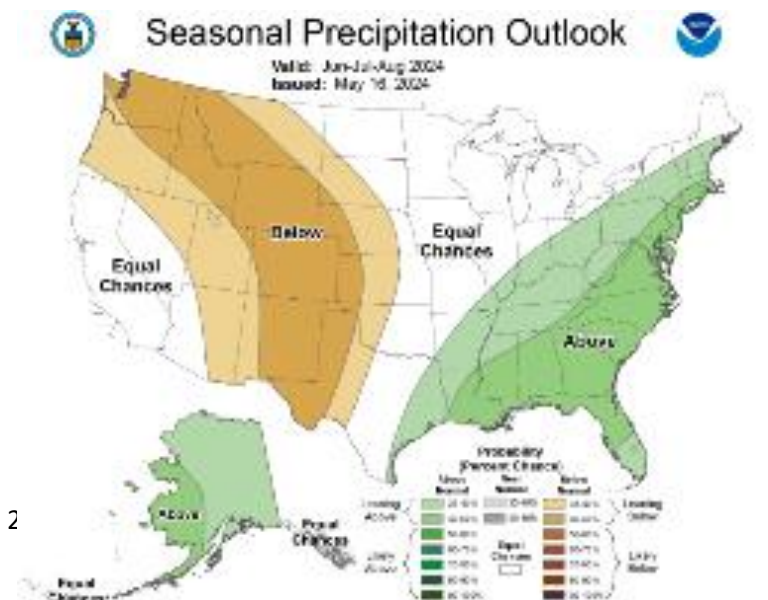
Summary

Temperature (°F)	Max	Average	Min	▲
Max Temperature	86	74.14	54	
Avg Temperature	75.83	64.02	48.96	
Min Temperature	66	54.31	40	
Dew Point (°F)	Max	Average	Min	▲
Dew Point	69	53.94	38	
Precipitation (in)	Max	Average	Min	Sum ▲
Precipitation	1.15	0.16	0.00	4.50
Snowdepth	0.00	0.00	0.00	0.00
Wind (mph)	Max	Average	Min	▲
Wind	33	7.22	0	
Gust Wind	74	3.07	0	
Sea Level Pressure (in)	Max	Average	Min	▲
Sea Level Pressure	28.81	27.95	0	



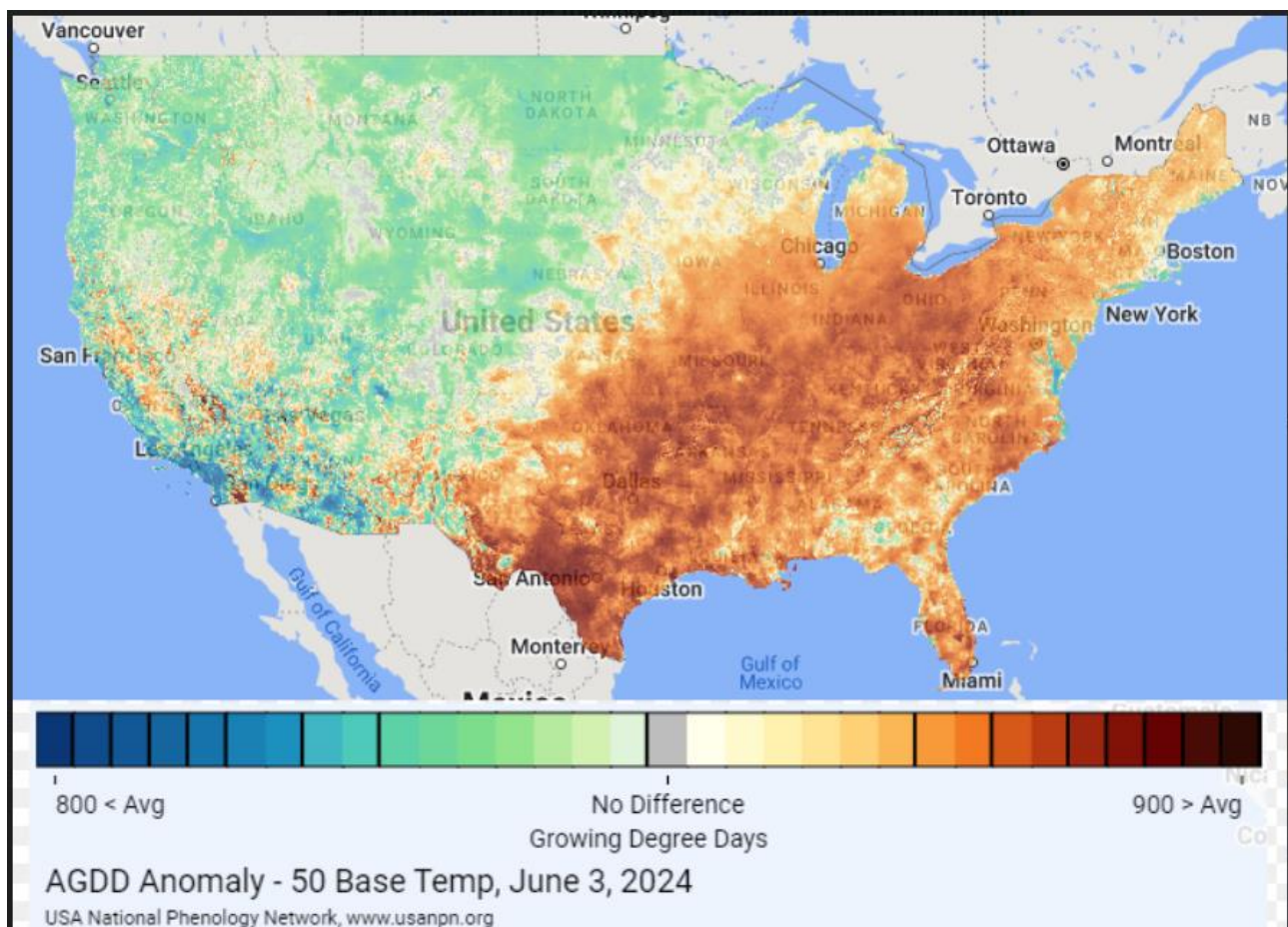
The seasonal temperature prediction outlook for the U.S. for the 2024 summer season. Months June, July and August.

The seasonal precipitation prediction outlook for the U.S. for the 2024 summer season. Months June, July



Growing Degree Days:

Growing Degree days (GDD) is a measurement used in agriculture to track plant and insect development. The result of growing degree days tells you how much heat has accumulated over a period of time compared to the minimum temperature needed for growth and development. Every plant species has a minimum temperature (base temperature) when growth starts to happen. Any temperature below the base temperature will result in zero growth/development progress. Most Mid-West agriculture regions use a base of 50°F (10°C) in GDD calculations. The image below shows the difference in current Growing Degree Days compared to the 30-year average. Crops within the brown shaded area have more GDDs than the areas in green. Crops in the brown shaded areas likely had a seasonal jump-start and are growing/ Maturing faster than normal.



Schwartz Farms Has finished Planting for the 2024 Season!

Planting Progress:

Dan and Tom were able to complete planting the corn and soybeans. 1,530 acres of corn planted and 1,290 acres of soybeans are planted for Schwartz Farms only. All the crops planted so far are emerging and growing nicely. Our grower's planting progress is progressing despite the rains. Some growers are almost done planting and others are still planting. We estimate that our growers will be done planting by mid to late June. Not only has the rain presented challenges surrounding planting progress, but due to heavy slug pressure ourselves and some contract growers are having to replant many acres. The field conditions and weather variability across all our growers' locations is vast and we are all trying to stay in the fields when the weather permits.

Soil Moisture: Week Ending 06/02/24

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture	0	2	67	31
Subsoil moisture	0	2	72	26

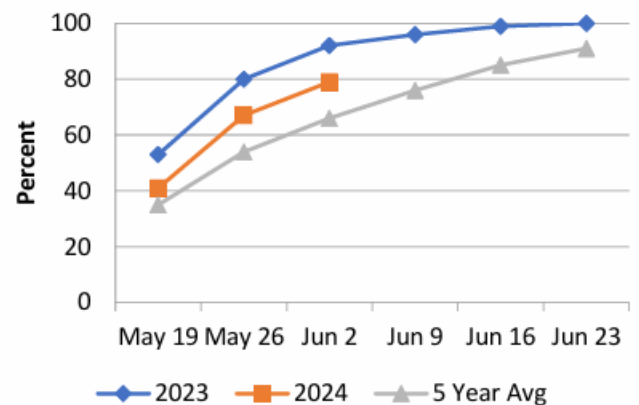
Crop Progress: Week Ending 06/02/24

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork ..	3.6	4.8	NA	NA
Corn Planted	90	79	93	77
Corn Emerged	73	50	73	57
Soybeans Planted	79	67	92	66
Soybeans Emerged	62	39	66	45
Winter Wheat Headed	96	88	85	78
Winter Wheat Mature	1	NA	1	0
Oats Planted	93	88	92	94
Oats Emerged	89	82	83	86
Oats Headed	16	1	17	11
Hay Alfalfa 1st Cutting	59	42	78	46
Other Hay 1st Cutting	46	22	68	40

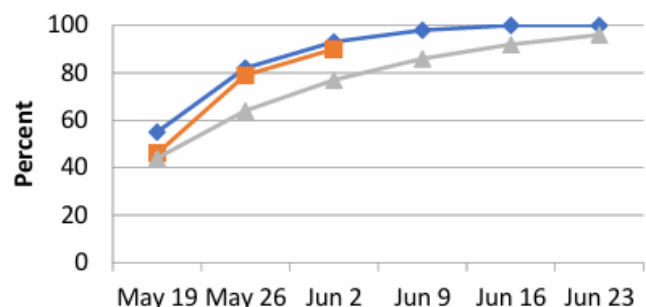
Crop Condition: Week Ending 06/02/24

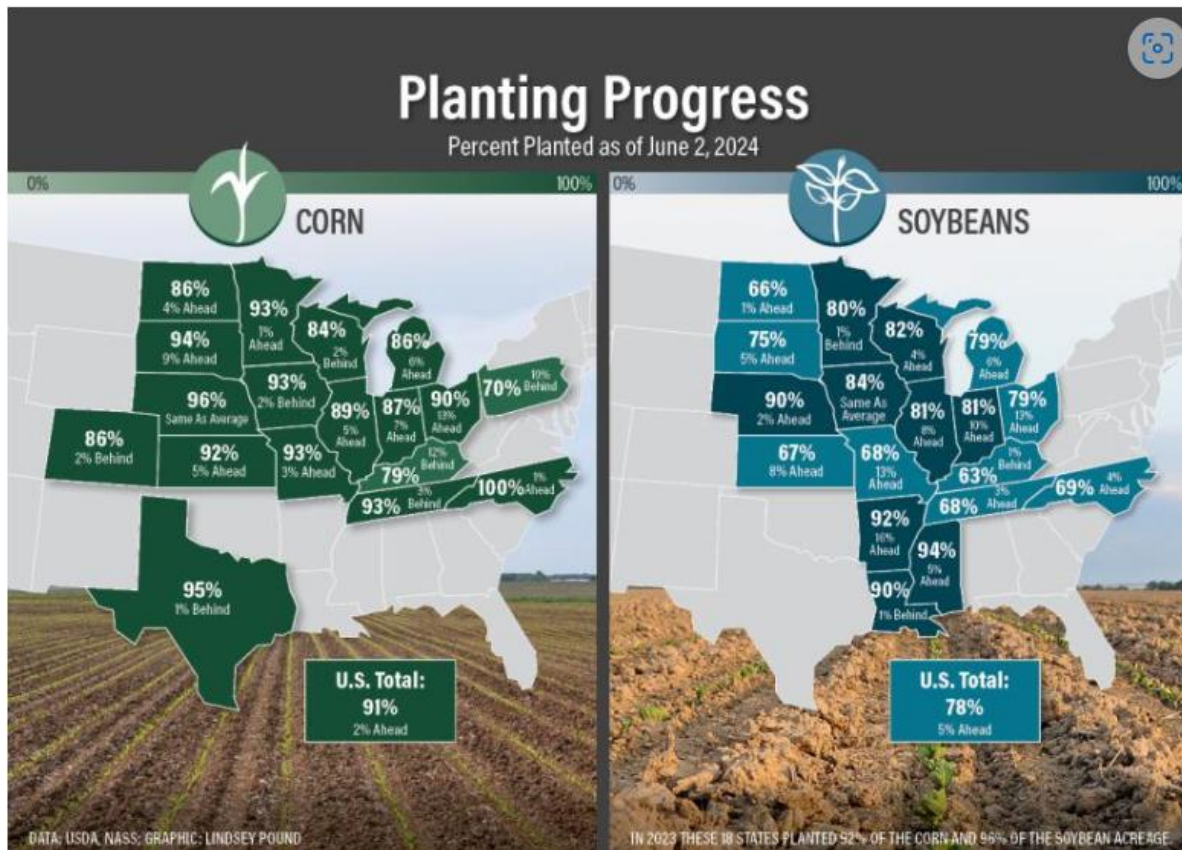
Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	1	3	12	70	14
Soybeans	1	5	17	66	11
Winter Wheat	1	3	25	55	16
Oats	0	0	14	83	3
Pasture and Range	0	0	12	71	17

Soybeans Planted

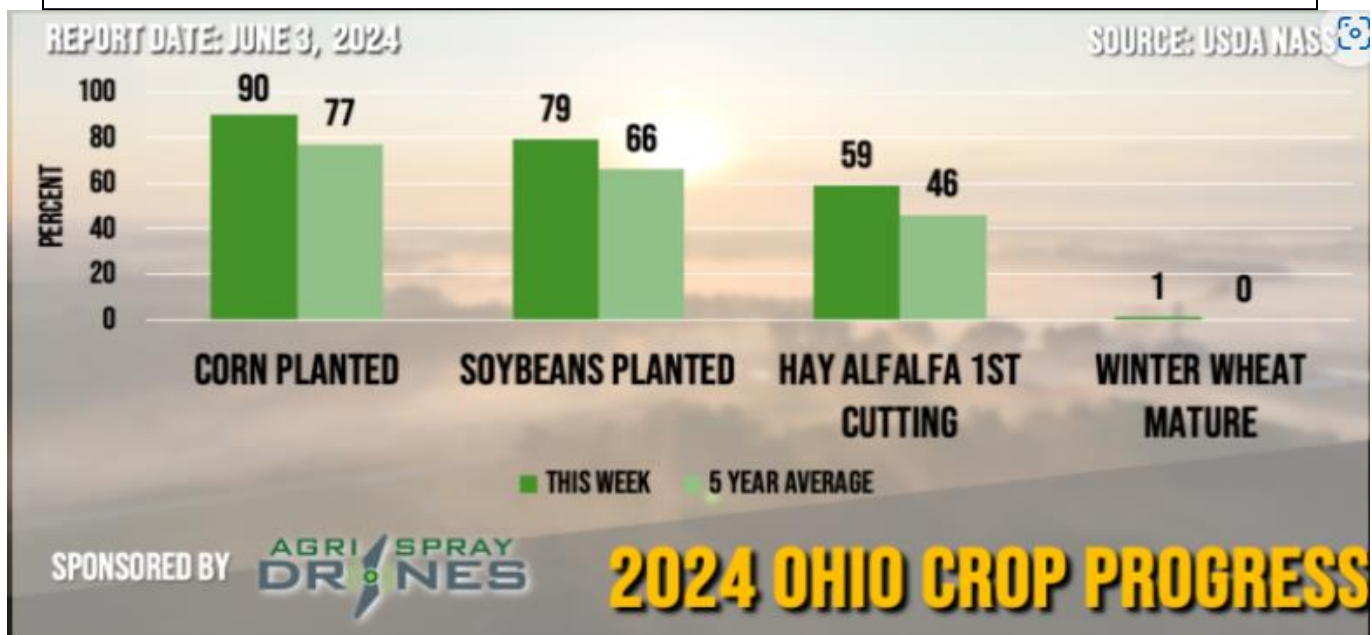


Corn Planted





Above you can see the across the corn belt planting is progressing well. Many states ahead of the five-year average and the U.S. total for both crops are above the five-year average despite the occasional rains and severe storms in the western states.



As of June 3rd, in the state of Ohio, 90% of corn is planted across the state and 79% of soybeans are planted. As evidence of the chart above when weather challenges planting progress, corn becomes a priority in terms of planting timing.

Slug Damage:

The Pictures of the slug damage were taken by Dan Schwartz on 6/6/24. As of now including ourselves we have multiple growers that are replanting because of slug pressure. According to the Ohio State University Extension, "Slugs are a problem associated with conservation practices, such as reduced tillage, no-tillage, and the use of cover crops. Fields with reduced tillage and/or cover crops generally have cash crop and other plant residues on the soil surface. The field practices provide a cooler, moister, more favorable habitat for slugs, if soybeans are planted when slugs are actively feeding the damages to the cotyledons cause damage to the growing point, kill the plant, and result in stand loss." This being the reason for the replanting of soybeans that is occurring due to slug damages.



Soybean Growth Pictures:



Variety: IA3051

Planted: 5/4/2024

Picture Taken: 6/7/2024



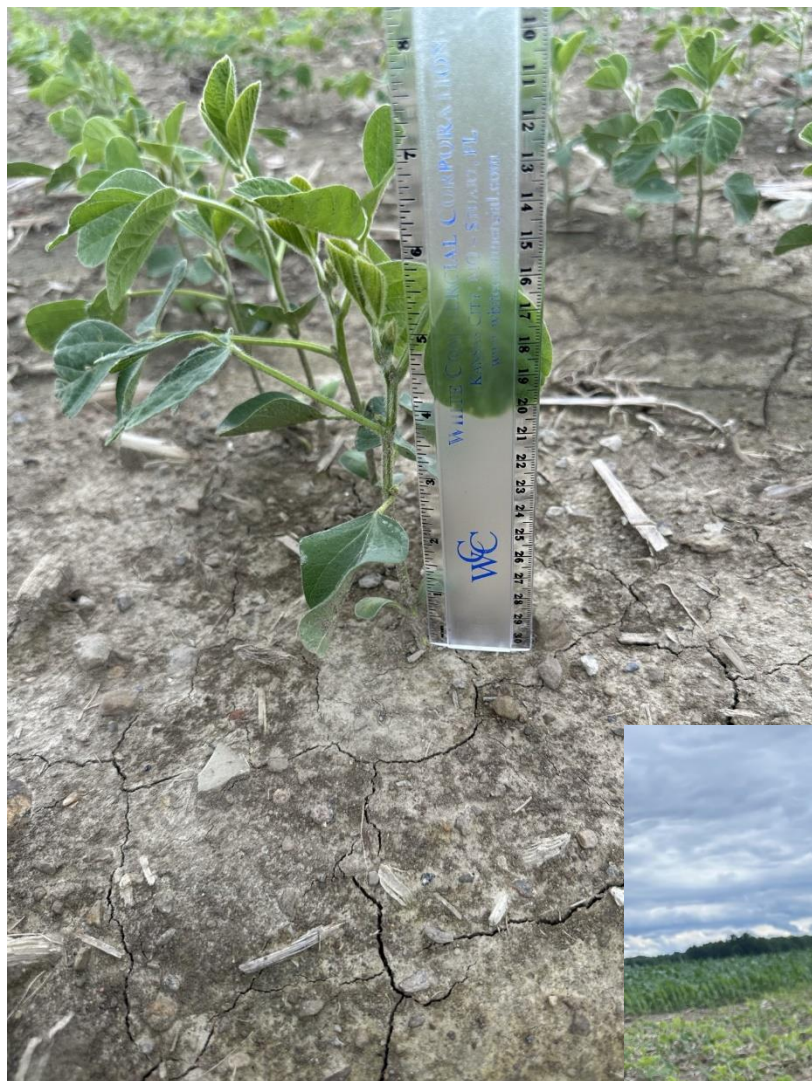


Variety: IA3054

Planted: 5/23/2024

Picture Taken: 6/7/2024





Variety: 32Q0

Planted: 5/1/2024

Picture Taken: 6/7/2024





Variety: 22Y0

Planted: 5/1/2024

Picture Taken: 6/7/2024



NEW PROJECTS & UPDATES AT SCHWARTZ FARMS:



During the week of 06/01/24, concrete was poured for the new bins located behind the seed plant. In the pictures you can see the crew working to assemble the grain bins on the newly poured concrete.

The next steps for this project will be to continue to pour more concrete for a new building designated only for processing Wheat and Oat seed.

