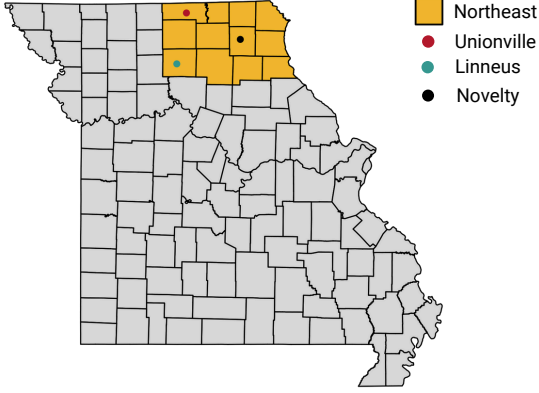




SOYBEAN GROWTH MONITORING

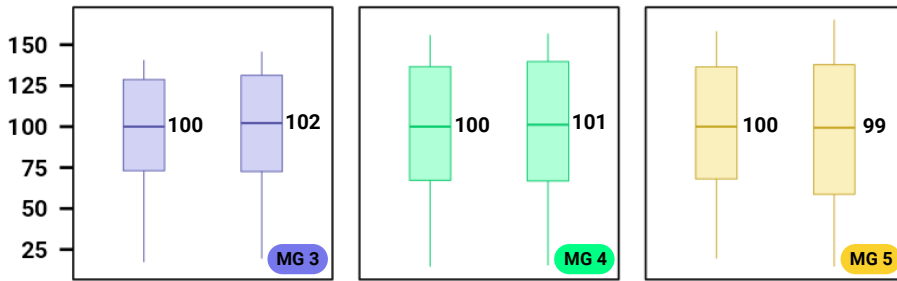
WEEK: 05/28 - NORTHEAST - MO



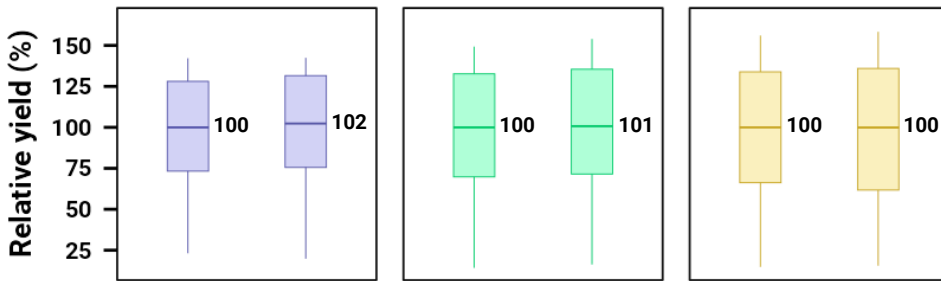
- Current vegetative growth is ahead of the expected growth in a normal year for all planting dates and maturity group scenarios.
- The expected total shoot growth at the end of the 2024 season for the 04-05 and 04-26 planting dates will likely be greater than in a normal year.
- Yield components haven't yet started to develop; therefore, the yield prediction for 2024 follows roughly the same trend as in a normal year.

2024 Relative Yield Prediction

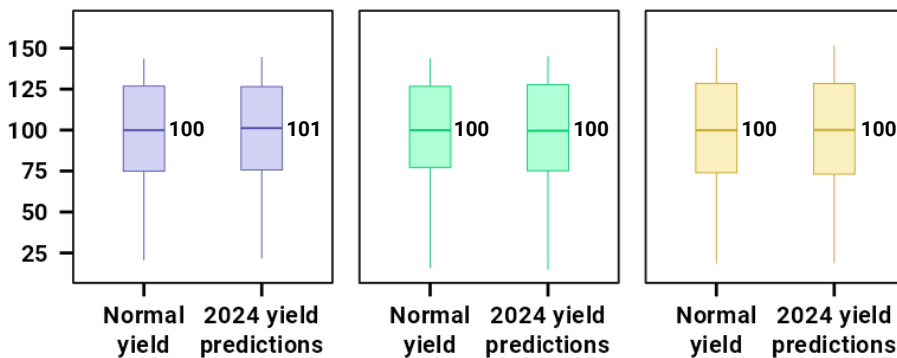
Planting date: 04-05-2024



Planting date: 04-26-2024



Planting date: 05-17-2024

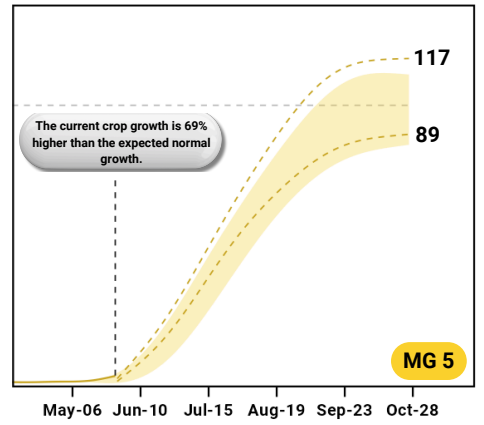
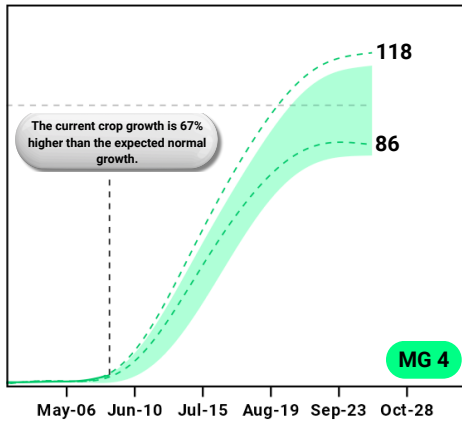
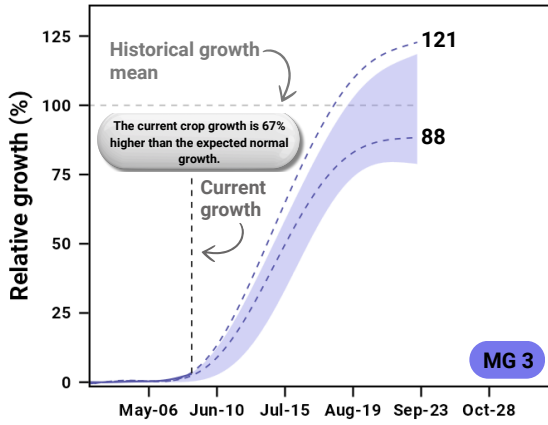


The 2024 yield prediction for a 3.0 MG planted on 04/05 is expected to be 2% higher than the normal yield. The normal yield is the average expected yield for a specific location, based on weather scenarios observed over the past 40 years.

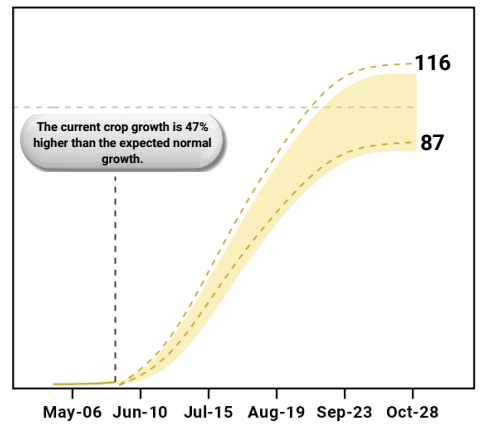
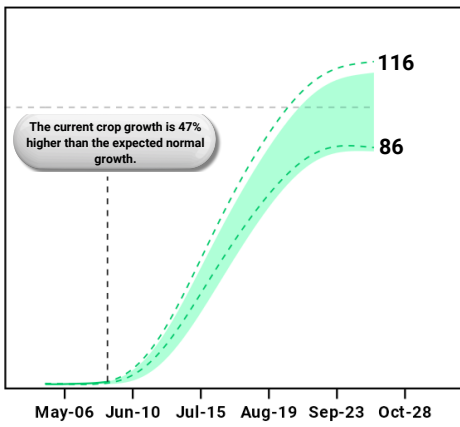
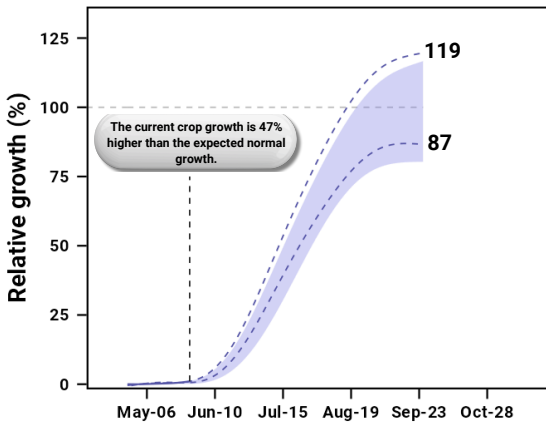
- Obs 1: The 2024 yield prediction is relative to the normal yield of the same maturity MG planted on the same date.
- Obs 2: The normal yield is the average yield expected from simulating a current crop variety using 40 years of historical weather data for a specific location and planting date.
- Obs 3: The normal yield serves as the 100% baseline for the 2024 yield prediction.

End-of-season growth prediction

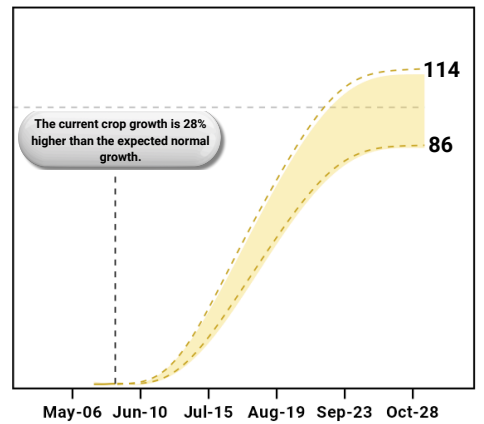
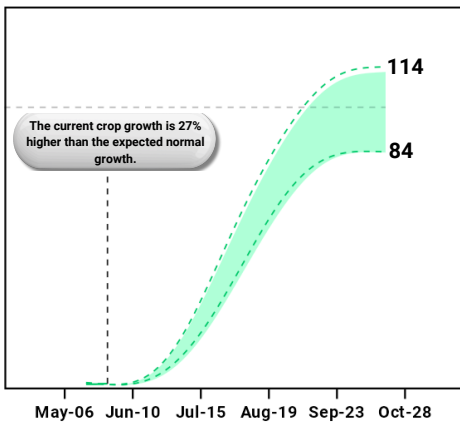
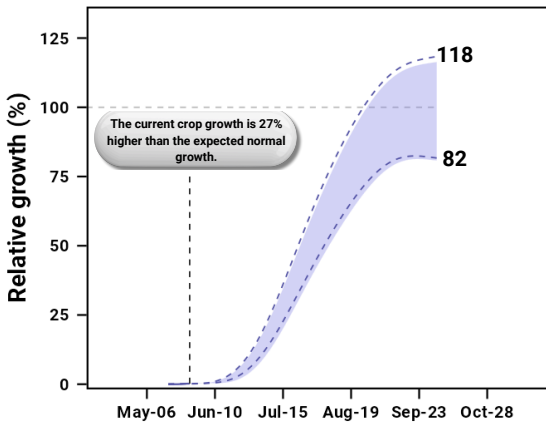
Planting date: 04-05-2024



Planting date: 04-26-2024



Planting date: 05-17-2024

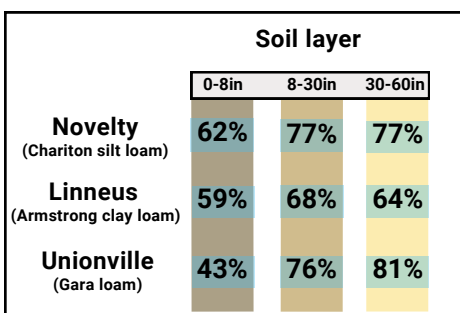


Normal growth distribution
 Current growth
 Current growth distribution MIN/MAX

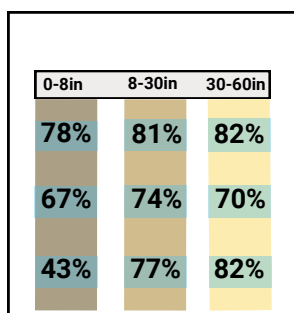
The normal growth represents the average growth expected at the reporting date, derived from simulating a current crop variety using 40 years of historical weather data specific to a particular location and planting date.

Soil water content

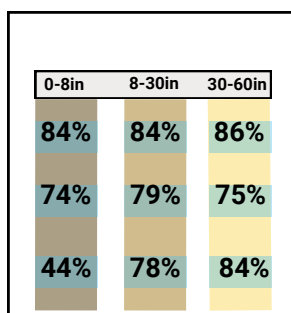
Planting date: 04-05-2024



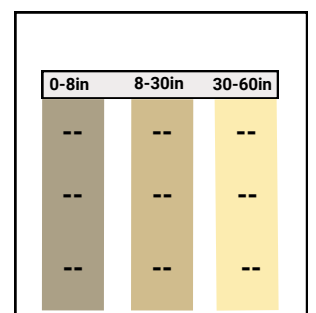
04-26-2024



05-17-2024



06-07-2024



Growth Cycle

Planting date: 04-05-2024

04-26-2024

05-17-2024

06-07-2024

Stage	Nodes	Harvest
MG 3	V5	5 ± 4 days
MG 4	V5	5 ± 5 days
MG 5	V5	5 ± 6 days

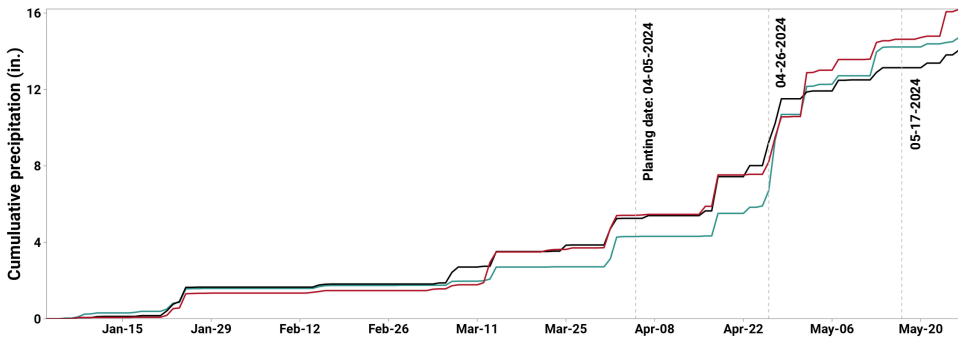
Stage	Nodes	Harvest
V3	3	09/02 ± 4 days
V3	3	09/17 ± 5 days
V3	3	09/29 ± 6 days

Stage	Nodes	Harvest
VC	0	09/11 ± 4 days
VC	0	09/25 ± 5 days
VC	0	10/06 ± 7 days

Stage	Nodes	Harvest
--	--	-- ± days
--	--	-- ± days
--	--	-- ± days

The stage and nodes indicate the current crop development as of the date of this report.

Rainfall



Drought Stress

Planting date:	MG 3	MG 4	MG 5
04-05-2024	0%	0%	0%
04-26-2024	0%	0%	0%
05-17-2024	0%	0%	0%
06-07-2024	--	--	--

Drought stress is estimated by the cumulative crop transpiration reduction.