

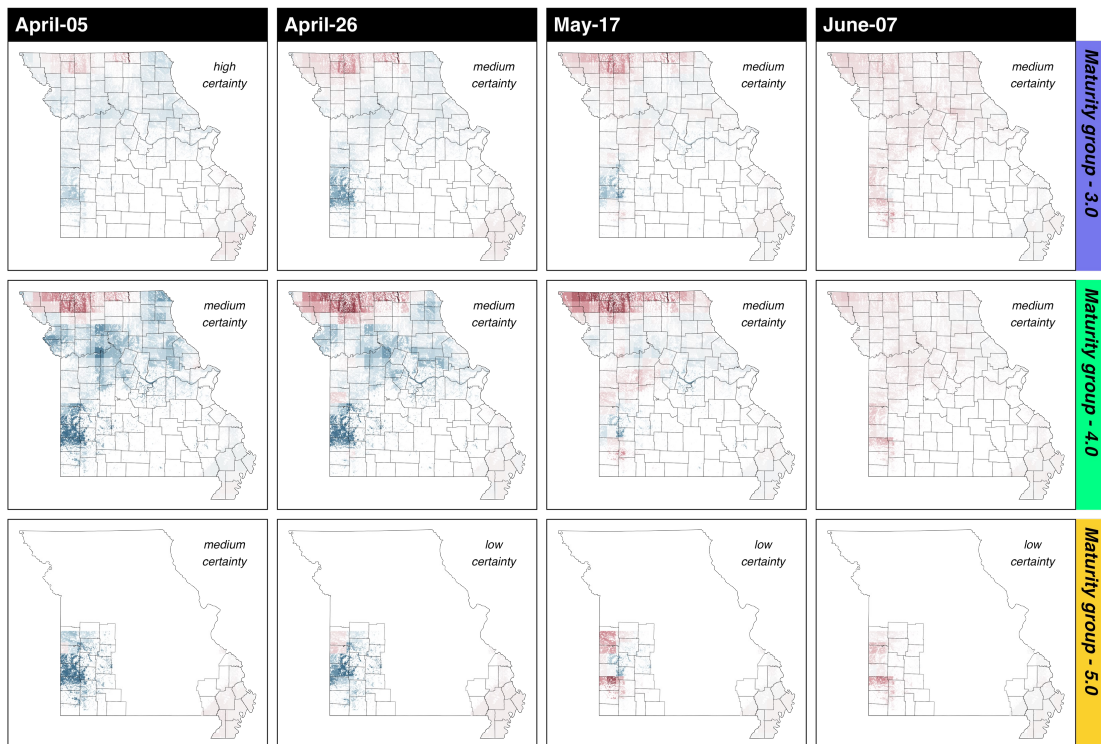
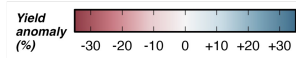
SOYBEAN GROWTH MONITORING



August 1st to August 10th

- The heatwave that has affected Missouri over the past two weeks has reduced attainable yield across regions. Many planting date and maturity group scenarios that were previously near or above normal are now forecast to have yield reductions.
- Northern Missouri is seeing the greatest predicted yield decreases across all planting dates and maturity groups.
- MG 4 soybeans planted in April in central and southwest Missouri are maintaining above-average yield potential.
- As late-planted soybeans move through reproductive growth, declining soil water availability may have a greater impact on pod retention and seed fill.
- Drought stress is now a concern across much of the state, with the exception of the Bootheel, as soybeans move through key yield-defining stages. However, rainfall from this past weekend is not yet reflected in the model.

Prediction of Yield Anomaly as of Aug-10-2026

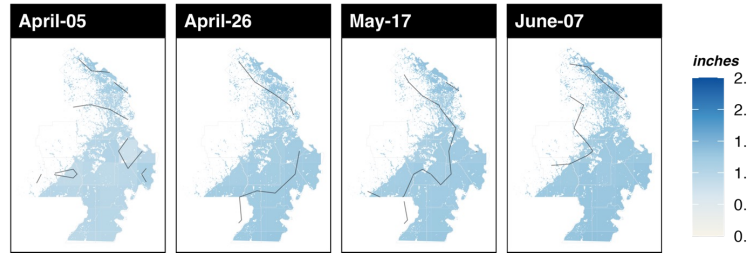


2026 Soybean Yield Forecast for Missouri

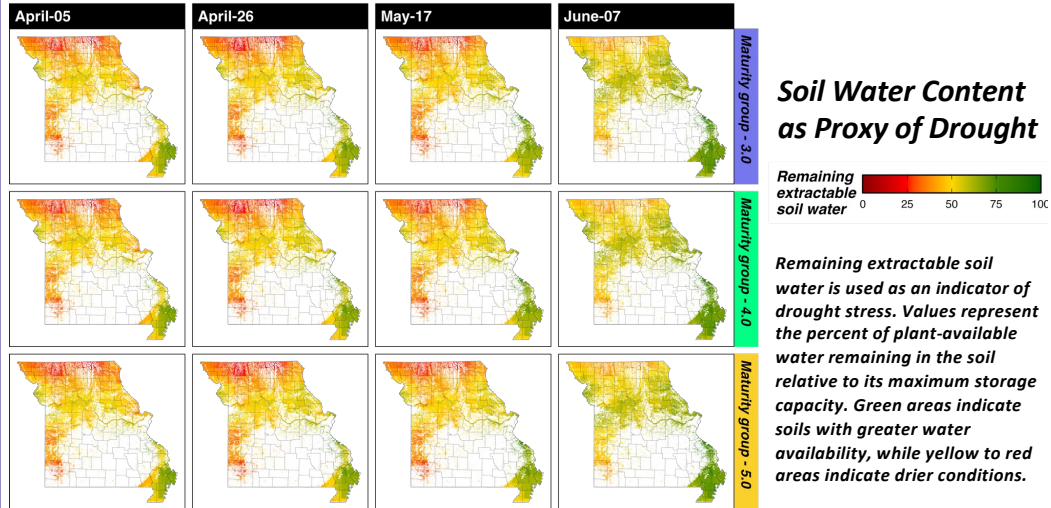
Yield is shown as a deviation from the normal expected yield for each of the 12 combinations of planting date (columns) and cultivar maturity group (rows). Blue indicates scenarios with expected yields above normal, red indicates below-normal yields due to the onset of adverse weather conditions, and gray represents yields close to the expected average. Note: yield deviations are relative to the normal expected yield for each specific scenario and are not directly comparable across scenarios

Water Demand Forecast from August 5th to August 20th

Planting dates



Planting dates:



Phenology and Development

PD	April-05				April-26			May-17			June - 07		
MG	Region	Stage	Node	Harvest	Stage	Node	Harvest	Stage	Node	Harvest	Stage	Node	Harvest
3.0	CE	R5	20	Aug-31	R5	20	Sep-08	R5	18	Sep-16	R3	14	Sep-26
	NE	R5	21	Sep-06	R5	21	Sep-12	R5	18	Sep-19	R3	14	Sep-29
	NW	R5	21	Sep-05	R5	21	Sep-12	R5	18	Sep-19	R3	14	Sep-30
	SE	R7	18	Aug-18	R5	19	Aug-30	R5	19	Sep-08	R5	14	Sep-21
	SW	R5	19	Aug-25	R5	20	Sep-04	R5	19	Sep-11	R5	14	Sep-22
4.0	CE	R5	24	Sep-17	R5	22	Sep-23	R5	19	Sep-29	R3	14	Oct-08
	NE	R5	24	Sep-21	R5	21	Sep-27	R3	18	Oct-02	R1	14	Oct-13
	NW	R5	24	Sep-22	R5	21	Sep-27	R3	18	Oct-02	R1	14	Oct-12
	SE	R5	23	Sep-05	R5	23	Sep-14	R5	20	Sep-22	R3	14	Oct-03
	SW	R5	24	Sep-11	R5	22	Sep-18	R5	19	Sep-23	R3	14	Oct-04
5.0	SE	R5	16	Sep-19	R5	18	Sep-28	R3	17	Oct-04	R1	14	Oct-13
	SW	R5	17	Sep-24	R5	18	Sep-30	R3	18	Oct-04	R1	14	Oct-14