

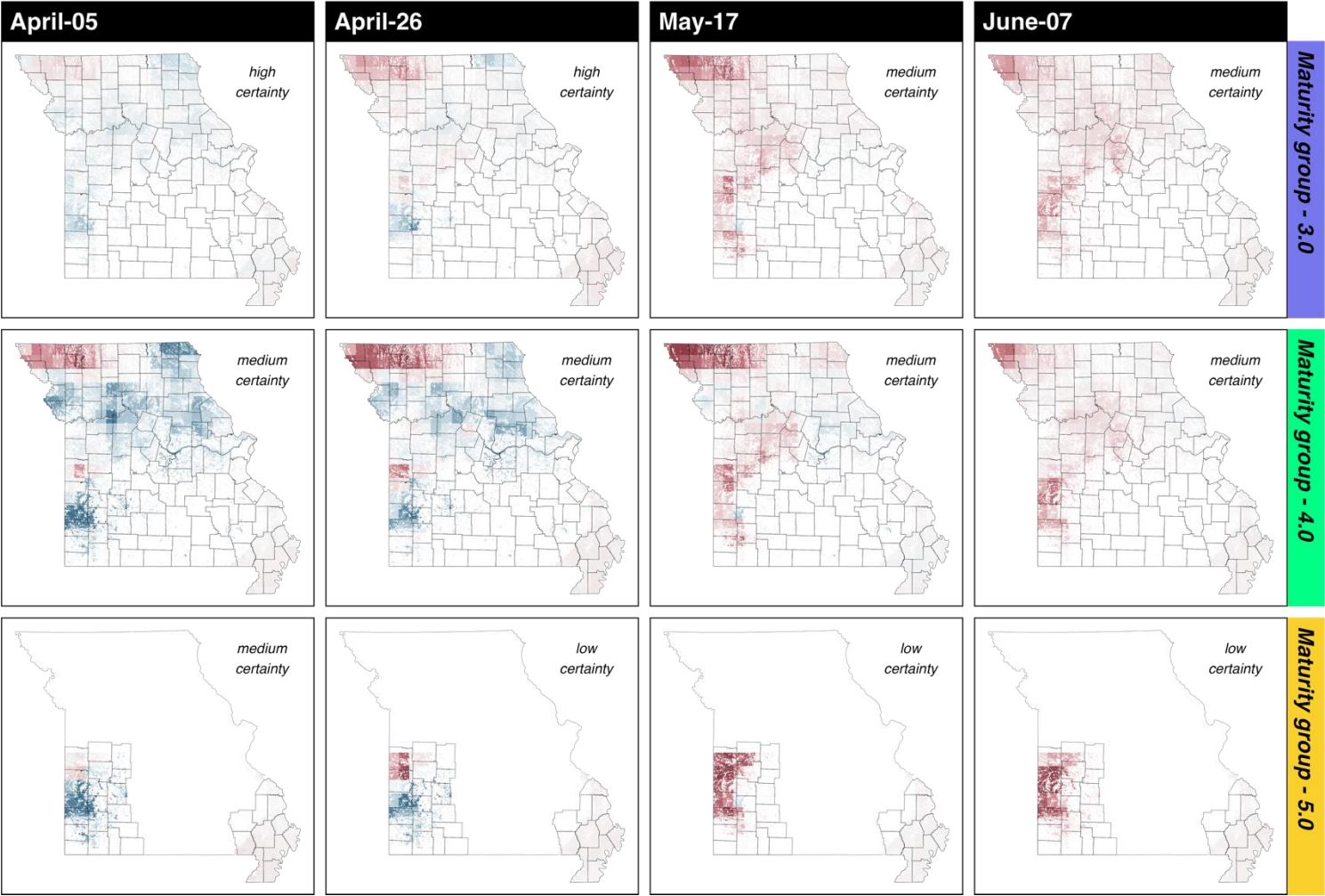
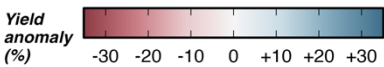
SOYBEAN GROWTH MONITORING



August 11th to August 26th

- May-planted soybeans are now taking the biggest hit, with predicted yields declining across all maturity groups.
- Northern Missouri continues to see the greatest yield decline across all planting dates and maturity groups.
- MG 4 soybeans planted in April in central and southwest Missouri continue to maintain above-average yield potential.
- Drought conditions remain less severe than in recent years, although remaining extractable soil water is limited and yield impacts are becoming evident.
- These predictions are based on historical weather from today through the remainder of the season. As El Niño strengthens, additional late-season rainfall could shift current yield expectations.

Prediction of Yield Anomaly as of Aug-26-2026

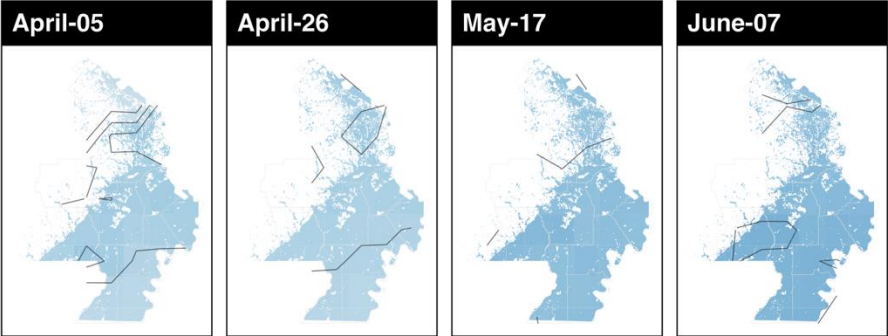


2026 Soybean Yield Forecast for Missouri

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

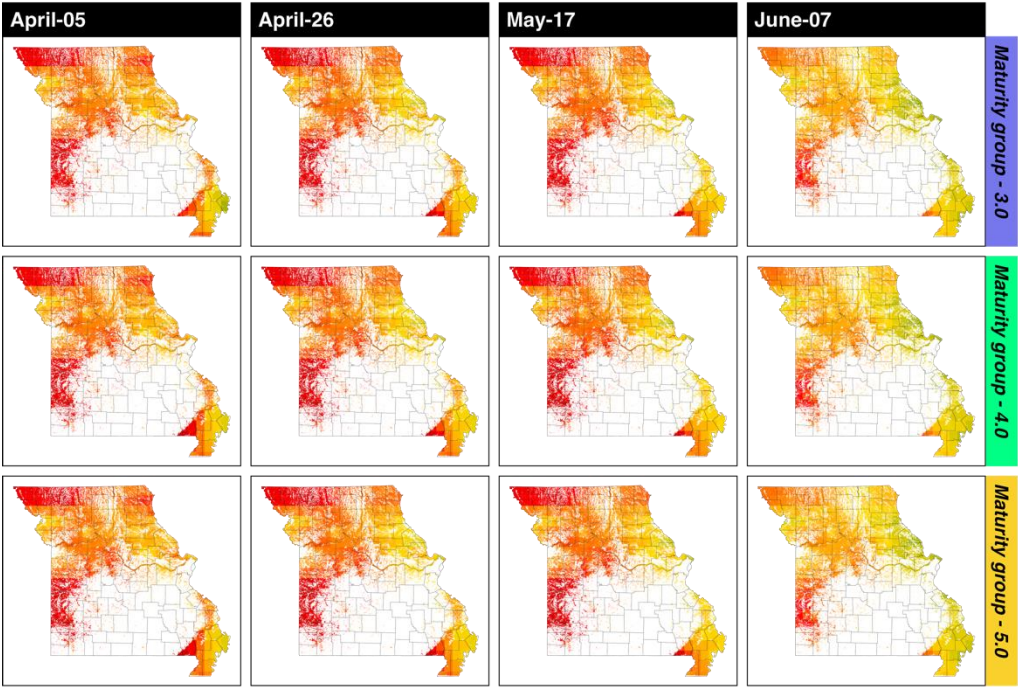
Water Demand Forecast from August 20th to September 4th

Planting dates



Water demand represents the estimated irrigation need in the absence of rainfall. If rainfall occurs, the amount of precipitation received should be subtracted from the forecasted water demand to estimate the remaining irrigation need.

Planting dates:

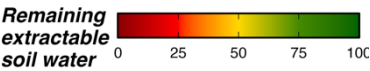


Maturity group - 3.0

Maturity group - 4.0

Maturity group - 5.0

Soil Water Content as Proxy of Drought



Remaining extractable soil water is used as an indicator of drought stress. Values represent the percent of plant-available water remaining in the soil relative to its maximum storage capacity. Green areas indicate soils with greater water availability, while yellow to red areas indicate drier conditions.

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	R7	20	Aug-30	R5	20	Sep-08	R5	20	Sep-15	R5	18	Sep-26
	NE	R5	21	Sep-05	R5	21	Sep-12	R5	20	Sep-19	R5	18	Sep-29
	NW	R7	21	Sep-05	R5	21	Sep-12	R5	21	Sep-19	R5	18	Sep-29
	SE	R8	18	Aug-18	R7	19	Aug-30	R5	19	Sep-08	R5	18	Sep-21
	SW	R7	19	Aug-25	R7	20	Sep-04	R5	19	Sep-10	R5	18	Sep-22
4.0	CE	R5	25	Sep-16	R5	24	Sep-23	R5	23	Sep-28	R5	18	Oct-08
	NE	R5	26	Sep-22	R5	25	Sep-28	R5	22	Oct-02	R5	18	Oct-12
	NW	R5	26	Sep-22	R5	25	Sep-26	R5	22	Oct-01	R5	18	Oct-12
	SE	R7	23	Sep-05	R5	23	Sep-14	R5	22	Sep-21	R5	19	Oct-02
	SW	R5	24	Sep-11	R5	24	Sep-17	R5	23	Sep-22	R5	18	Oct-03
5.0	SE	R5	16	Sep-19	R5	18	Sep-27	R5	17	Oct-04	R5	16	Oct-13
	SW	R5	17	Sep-23	R5	18	Sep-28	R5	18	Oct-03	R3	17	Oct-12