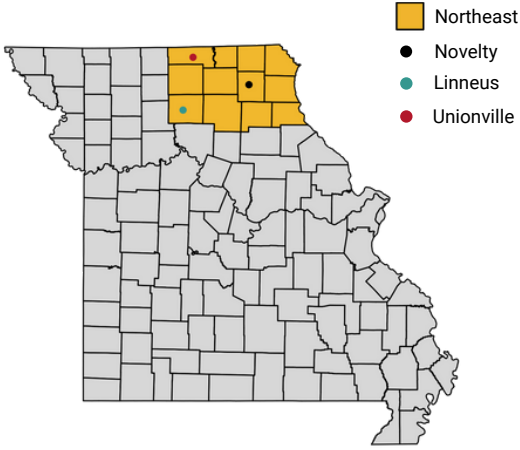




SOYBEAN GROWTH MONITORING

WEEK: 10-01-NORTHEAST-MO



- April-planted soybeans have reached physiological maturity and are ready, or close, to being harvested. Yield predictions are high for the earliest maturity groups planted in early April, while late-maturity groups are expected to show lower test weights.

- Early-maturity group varieties planted in late April and May are also nearing the end of their cycle. Yields for these early-maturity groups are expected to be higher than those of late-maturity groups planted during the same period.

- June-planted fields experienced similar drought stress to April-planted fields, so a yield reduction is expected. However, for June-planted fields, late-maturity groups are expected to experience a smaller yield reduction compared to early-maturity groups, due to recent rainfall. Low test weights are also anticipated.

2024 Relative Yield Prediction

Planting date:

| 04-05-2024 | | | 04-26-2024 | | | 05-17-2024 | | | 06-07-2024 | | |
|--------------|--------------|------|--------------|--------------|------|--------------|------|------|--------------|------|------|
| MG 3 | MG 4 | MG 5 | MG 3 | MG 4 | MG 5 | MG 3 | MG 4 | MG 5 | MG 3 | MG 4 | MG 5 |
| ↑ | End of cycle | | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | End of cycle | | |
| +15% | -4% | -13% | +14% | +2% | +2% | +9% | +9% | +5% | -16% | -7% | -7% |
| End of cycle | ↓ | ↓ | End of cycle | End of cycle | | End of cycle | | | ↓ | ↓ | ↓ |

• Obs: The 2024 yield prediction is relative to the normal yield of the same maturity group planted on the same date.

Growth Cycle

Planting date: 04-05-2024

| Stage | Nodes | Harvest |
|---------|-------|-------------------|
| MG 3 R7 | 20 | End of cycle |
| MG 4 R7 | 23 | End of cycle |
| MG 5 R7 | 20 | 10/07 ± 3 days |

04-26-2024

| Stage | Nodes | Harvest |
|-------|-------|-------------------|
| R7 | 19 | End of cycle |
| R7 | 23 | End of cycle |
| R7 | 20 | 10/13 ± 3 days |

05-17-2024

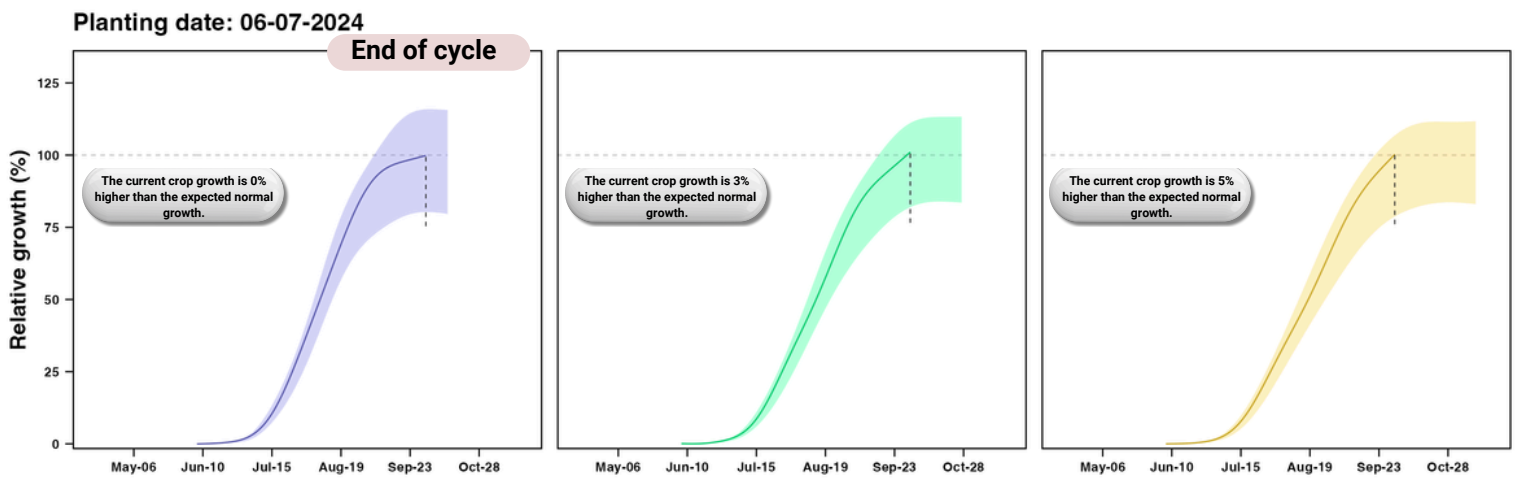
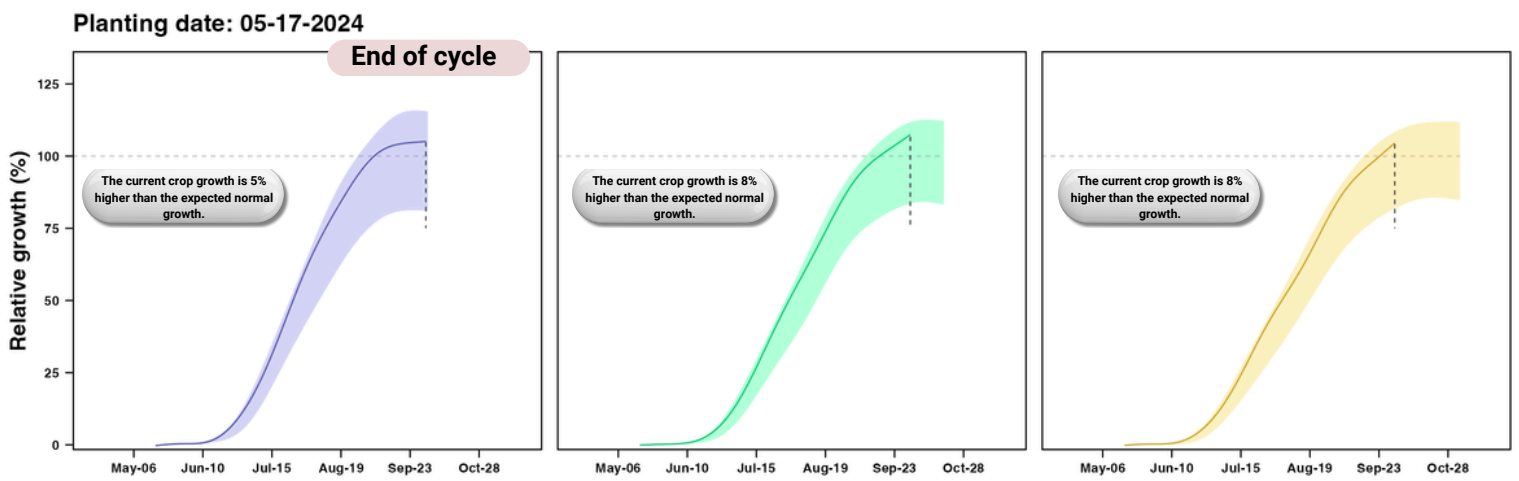
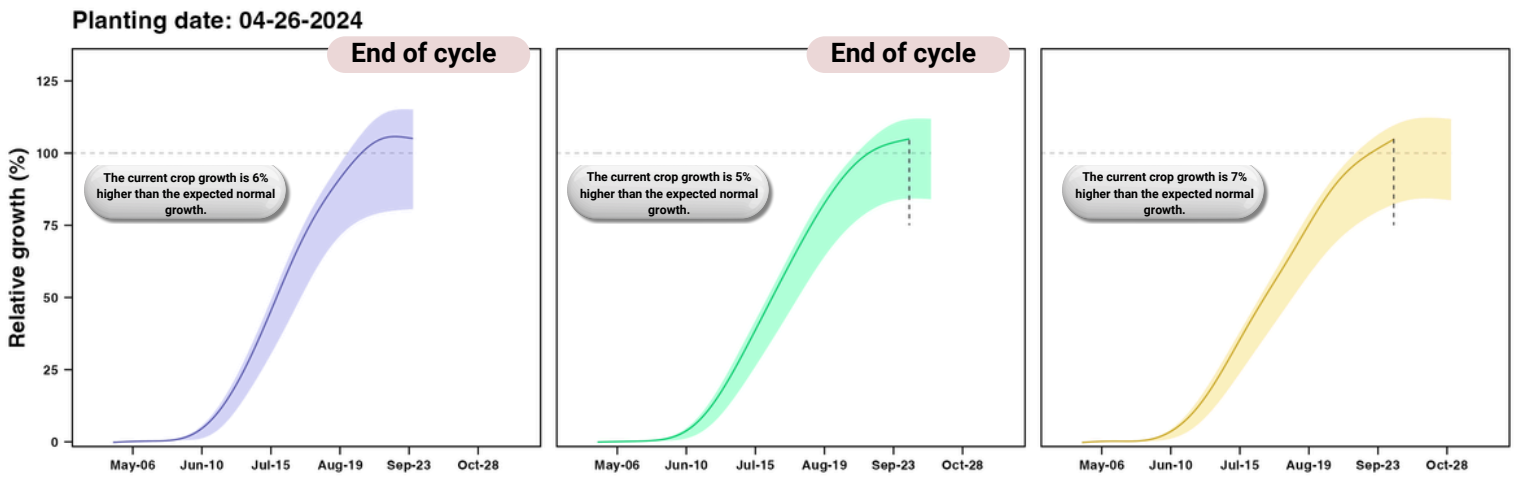
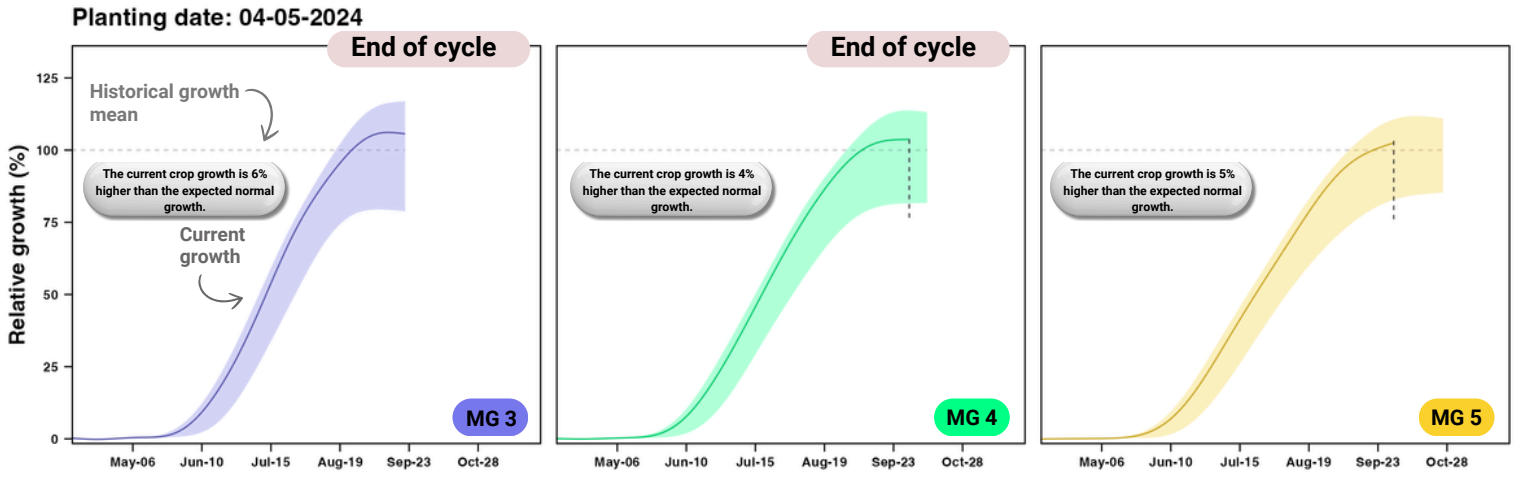
| Stage | Nodes | Harvest |
|-------|-------|-------------------|
| R7 | 18 | End of cycle |
| R7 | 22 | 10/07 ± 3 days |
| R6 | 19 | 10/19 ± 4 days |

06-07-2024

| Stage | Nodes | Harvest |
|-------|-------|-------------------|
| R7 | 17 | End of cycle |
| R7 | 19 | 10/14 ± 3 days |
| R6 | 16 | 10/26 ± 4 days |

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

End-of-season growth prediction

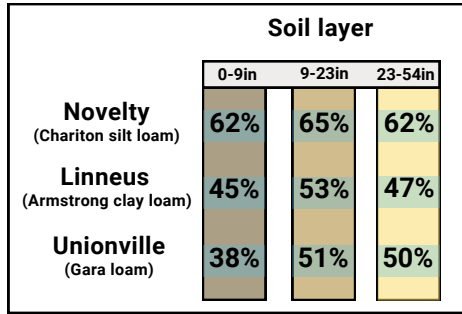


Normal growth distribution
 Current growth
 Current growth distribution MIN/MAX

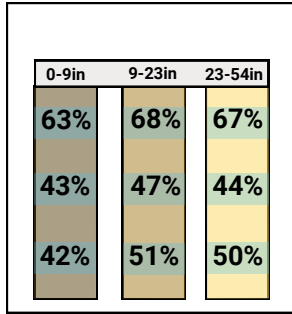
The normal growth represents the average growth expected at the reporting date, derived from simulating a current crop variety using 40 years of historical weather data specific to a particular location and planting date.

Soil water content

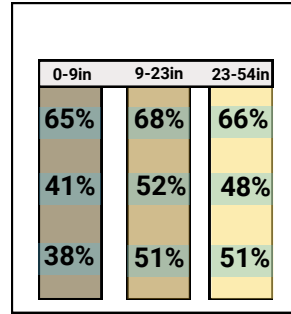
Planting date: 04-05-2024



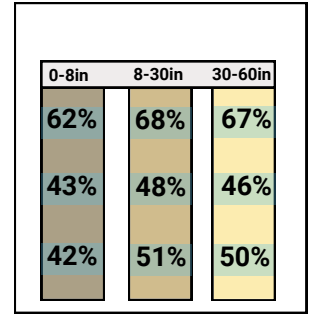
04-26-2024



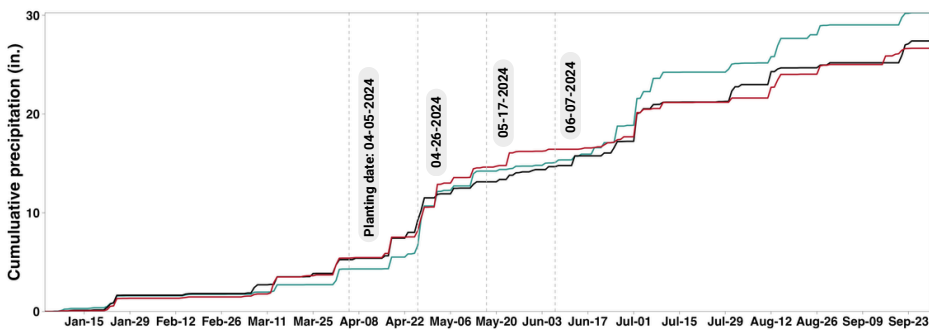
05-17-2024



06-07-2024



Rainfall



Drought Stress

| Planting date: | MG 3 | MG 4 | MG 5 |
|----------------|------------|------|------|
| | 04-05-2024 | - | - |
| 04-26-2024 | - | - | 33% |
| 05-17-2024 | - | 19% | 19% |
| 06-07-2024 | - | 25% | 13% |

Drought stress is estimated by the cumulative crop transpiration reduction.