

## 7- Soybean phenology predictor tool for Minnesota

- We developed and calibrated a model to estimate and predict the occurrence of soybean development. It is able to estimate flowering (R1), beginning of pod set (R3), seed set (R5) and physiological maturity (R7)
- The model has been validated using data previously generated across different states and performed really well even for high latitude locations.
- Currently we are validating the model with more local data that were generated this last season across the state for contrasting maturities and planting dates.

