SOYBEAN GROWTH MONITORING



WEEK: 06/26-SOUTHWEST-MO



- Soybean fields planted in May are finishing vegetative development and have not yet begun reproductive stages. Vegetative growth has been approximately 20% greater than in previous years due to favorable rainfall and warm temperatures.

- Predictions point to a likely reduction in 2024 yields. This is because the excess vegetative growth will likely use more water in the second part of the season. Historical weather data shows recurrent insufficient precipitation in the western counties in late August and September, negatively impacting seed filling and yield.

- Soybeans planted in May or later are still in vegetative development without canopy closure. Post-emergence herbicides may still be required.

2024 Relative Yield Prediction

Planting date:

0	4-05-202	4	04-26-2024		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
-6%	-6%	<mark>-7%</mark>	-7%	-7%	<mark>-8%</mark>	-1%	-1%	<mark>-2%</mark>	-2%	-2%	<mark>-1%</mark>
ŧ		ŧ	ŧ	I	ŧ	ŧ		ŧ	ŧ	I	I

	Historical Baseline Yield*	
Mount Vernon (Lawrence County) 37 bu/acre	Butler 40 bu/acre	Carthage (Jasper County) 36 bu/acre

• Obs 1: The 2024 yield prediction is relative to the normal yield of the same maturity group planted on the same date.

• Obs 2: *The historical baseline yield is the average from 2019 to 2023 reported by USDA-NASS Survey Program.



Contact information: areis@missouri.edu



M

Variety Testing Program

Missouri Soybean Center ^{University of Missouri}





Extension University of Missouri Variety Testing Program

gram 😝

Missouri Soybean Center University of Missouri





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



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







