# AGRONOMY NOTES

# Soybean Diseases Calendar

Stage I Seedling	Stage II Vegetative	Stage III Reproductive		
Fusarium Seedling Blight, Pythium Seed Decay/Damping Off				
Bacterial Blight, Bean Pod Mottle Virus, Soybean Mosaic Virus				
Phytophthora Root and Stem Rot, Rhizoctonia Root Rot				
	Bacterial Pustule, Downy Mildew, Soybean Vein Necrosis Virus, Target Spot			
		Aerial Blight, Asian Soybean Rust, Cercospora Leaf Blight, Frogeye Leaf Spot, Septoria Brown Spot		
		Anthracnose, Brown Stem Rot, Charcoal Rot, Sclerotinia Stem Rot (White Mold), Stem Canker, Sudden Death Syndrome		
		Bleeding Hilum, Bud Blight (via Tobacco Ringspot Virus), Phomopsis Seed Decay, Pod and Stem Blight, Purple Seed Stain (via Cercospora)		

Seeding   Foliar   Noot and Stelli   Fod and Seed Diseases	Seedling	Foliar	Root and Stem	Pod and Seed Diseases
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### **Seedling Diseases**



Fusarium Seedling Blight (Stage I)
Photo courtesy of Darin Mueller, Iowa State University, Bugwood.org.





Pythium Seed Decay/ Damping Off (Stage I)

### Soybean Diseases Calendar

#### **Foliar Diseases**



**Bacterial Blight** (Stages I, II, III)



Bean Pod Mottle Virus

(Stages I, II, III)
Photo courtesy of Edward Sikora, Auburn University,
Bugwood.org



Soybean Mosaic Virus (Stages I, II, III)

Photo courtesy of Daren Mueller, Iowa State University, Bugwood.org



**Bacterial Pustule** 

(Stages II, III)
Photo courtesy of Daren Mueller, lowa State University,
Bugwood.org.



**Downy Mildew** (Stages II, III)



Soybean Vein Necrosis Virus (SVNV) (Stages II, III)



Target Spot (Stages II, III)



Aerial Blight (Stage III) Photo courtesy of Dr. Padgett, Mississippi State



Asian Soybean Rust (Stage III)



Cercospora Leaf Blight (Stage III)



Frogeye Leaf Spot (Stage III)



Septoria Brown Spot (Stage III)

#### **Pod and Seed Diseases**



**Bud Blight (via Tobacco** Ringspot Virus) (Stage III)



Phomopsis Seed Decay (Stage III) Photo courtesy of Daren Mueller, Iowa State University,

Bugwood.org.



Purple Seed Stain (via Cercospora) (Stage III) Picture courtesy of Adam Sisson, Iowa State University. Bugwood.org.

## Soybean Diseases Calendar

#### **Root and Stem Diseases**

Phytophthora Root and Stem Rot







Rhizoctonia Root Rot (Stages I, II, III)
Photo on left courtesy of Daren Mueller, lowa State University, Bugwood.org.



Anthracnose (Stage III)
Photo courtesy of Daren Mueller, Iowa State University, Bugwood.org.



**Brown Stem Rot** (Stage III)

(Stages I, II, III)



**Charcoal Rot** (Stage III).



Sudden Death Syndrome (Stage III)



Stem Canker (Stage III)







Sclerotinia Stem Rot (Stage III)
Photos courtesy of Daren Mueller, lowa State University, Bugwood.org.

**Legal Information**Performance may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields. ©2020 Bayer Group. All rights reserved. 1007\_G3