

Pathogen Report



CROP
Soybean



GROWER
Grower Name



FARM
Farm Name



FIELD
Field Name



SAMPLING DATES
10/17/2021

Sample Name	Sample Date	Tags	Crop	Anthracnose Colletotrichum graminicola	Charcoal Rot Macrophomina phaseolina	Damping-Off Pythium spp.	Fusarium Seed Rot Fusarium graminearum	Phytophthora Root and Stem Rot Phytophthora sojae	Pod and Stem Blight Diaporthe	Root and Stem Rot Rhizoctonia spp.	Sudden Death Syndrome Fusarium virguliforme	White Mold Sclerotinia sclerotiorum
B Zone	10/30/21	B Zone	Soybean	0.14	0.14	1.78	0.14	0.0	0.24	0.05	0.14	0.0
C Zone	10/30/21	C Zone	Soybean	0.0	0.0	5.8	0.07	0.03	0.17	0.07	0.1	0.1
D Zone	10/30/21	D Zone	Soybean	0.04	0.0	1.22	0.04	0.0	0.29	0.04	0.13	0.13

* All units are parts per billion (ppb)

Legend	Soybean	>0.06	>0.25	>3.72	>0.24	>0.17	>0.74	>0.16	>0.33	>0.07
		0.0	< 0.01	< 0.69	0.0	0.0	< 0.11	0.0	< 0.03	0.0

Pathogen	Definition
Anthracnose Colletotrichum graminicola	Colletotrichum graminicola causes Anthracnose in Soybean.
Charcoal Rot Macrophomina phaseolina	Macrophomina phaseolina causes Charcoal Rot in Soybean.
Damping-Off Pythium spp.	Pythium spp. causes Damping-Off in Soybean.
Fusarium Seed Rot Fusarium graminearum	Fusarium graminearum causes Fusarium Seed Rot in Soybean.
Phytophthora Root and Stem Rot Phytophthora sojae	Phytophthora sojae causes Phytophthora Root and Stem Rot in Soybean.
Pod and Stem Blight Diaporthe	Diaporthe causes Pod and Stem Blight in Soybean.
Root and Stem Rot Rhizoctonia spp.	Rhizoctonia spp. causes Root and Stem Rot in Soybean.
Sudden Death Syndrome Fusarium virguliforme	Fusarium virguliforme causes Sudden Death Syndrome in Soybean.

Pathogen

Definition

White Mold
Sclerotinia sclerotiorum

Sclerotinia sclerotiorum causes White Mold in Soybean.
