

2017 - 2019 Disease Nursery Data for Rhizoctonia, Aphanomyces, and Cercospora

** Lower Ratings mean more resistant to disease and are shown in green font.

**Higher Ratings mean more susceptible to disease and are shown in red font.

Variety Description	Rhizoctonia Root Ratings					Aphanomyces Root Ratings					Cercospora Leafspot Ratings				
	2019	2018	2017	2018-2019	2017-2019	2019	2018	2017	2018-2019	2017-2019	2019	2018	2017	2018-2019	2017-2019
	Root Rating	Root Rating	Root Rating	2 Year Mean Root Rating	3 Year Mean Root Rating	Root Rating	Root Rating	Root Rating	2 Year Mean Root Rating	3 Year Mean Root Rating	CLS Rating	CLS Rating	CLS Rating	2 Year Mean Foliar Rating	3 Year Mean Foliar Rating
Fully Approved Varieties															
Beta 9475	4.9	4.6	4.2	4.8	4.6	4.4	4.2	4.5	4.3	4.3	4.1	4.3	3.7	4.2	4.0
Beta 9780 (CLS)	5.8	4.7	4.7	5.3	5.1	4.0	4.2	4.7	4.1	4.3	4.0	4.1	3.5	4.1	3.9
Crystal M579	6.7	4.4	4.8	5.6	5.3	4.2	3.9	4.5	4.1	4.2	4.3	4.6	4.1	4.5	4.3
Test Market Varieties															
Beta 9810 (CLS)	4.0	4.3		4.2		3.4	2.7		3.0		4.1	4.2		4.1	
Crystal M821 (CLS)	6.2	4.0		5.1		3.5	3.1		3.3		3.7	3.8		3.8	
Crystal M837 (CLS)	5.1	4.3		4.7		3.9	3.7		3.8		3.9	4.0		3.9	
Hilleshog 2327	3.5					4.7					3.8				
Maribo MA801 (CLS)	4.6	4.6		4.6		5.2	4.8		5.0		3.7	3.8		3.7	
SV 881 (CLS)	3.3	4.3		3.8		4.6	4.2		4.4		3.7	4.0		3.8	
SV 883	3.0	4.2		3.6		4.5	4.2		4.3		4.0	4.4		4.2	
RHC Specialty Approved															
Crystal RR018 (RHC)	3.3	4.0	3.3	3.7	3.5	4.8	4.0	5.3	4.4	4.7	4.6	4.7	4.2	4.7	4.5
Crystal M623 (RHC)	2.8	3.9	3.2	3.4	3.3	4.3	3.9	4.8	4.1	4.3	4.3	4.5	4.0	4.4	4.3
Hilleshog 9739 (CLS/RHC)	2.3	4.3	3.9	3.3	3.5	5.0	5.0	5.5	5.0	5.1	4.1	4.2	4.0	4.1	4.1
CLS Specialty Approved															
Crystal M509 (CLS)	5.2	4.5	4.0	4.9	4.6	4.5	3.9	4.5	4.2	4.3	4.0	4.1	3.5	4.1	3.9
Hilleshog 2219 (CLS)	2.6	4.1		3.4		4.8	5.0		4.9		3.9	4.1		4.0	
SV RR862 (CLS)	2.9	4.4	4.0	3.7	3.8	4.5	4.1	4.8	4.3	4.5	3.8	3.8	4.5	3.8	4.0
SV RR863 (CLS)	3.3	4.3	3.8	3.8	3.8	4.3	4.3	4.8	4.3	4.5	3.7	3.8	3.7	3.8	3.7
Rhizoctonia Ratings from SMBSC Nursery at Renville and BSDF Nursery in Michigan					Aphanomyces Ratings from SMBSC Nursery at Renville and Betaseed Nursery in Shakopee.					Cercospora Ratings from SMBSC Nursery in Renville and Betaseed Nursery near Randolph MN.					
Ratings are on scale of 1 - 7. (1 = Healthy, 7 = Dead)					Ratings are on scale of 1 - 9. (1 = Healthy, 9 = Dead)					Ratings are on scale of 1-9. 1 = Clean leaves, 9 = Dead Leaves.					