

# 2016 - 2018 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				
	2018 Root Rating	2017 Root Rating	2016 Root Rating	2017-2018 2 Year Mean Root Rating	2016-2018 3 Year Mean Root Rating	2018 Root Rating	2017 Root Rating	2016 Root Rating	2017-2018 2 Year Mean Root Rating	2016-2018 3 Year Mean Root Rating	2018 CLS Rating	2017 CLS Rating	2016 CLS Rating	2017-2018 2 Year Mean Foliar Rating	2016-2018 3 Year Mean Foliar Rating
<b>Fully Approved Varieties</b>															
Beta 9475 (CLS)	4.6	4.2	4.5	4.4	4.4	4.2	4.5	5.1	4.3	4.6	4.3	3.7	4.1	4.0	4.0
Crystal M579	4.4	4.8	5.0	4.6	4.7	3.9	4.5	4.3	4.2	4.2	4.6	4.1	4.5	4.3	4.4
Crystal M380 (APH)	4.4	4.9	4.7	4.7	4.7	2.9	3.5	3.4	3.2	3.3	4.9	4.9	4.6	4.9	4.8
<b>Test Market Varieties</b>															
Beta 9780 (CLS)	4.7	4.7		4.7		4.2	4.7		4.4		4.1	3.5		3.8	
Hilleshog 2219	4.1					5.0					4.1				
Hilleshog 2220	4.4					6.0					3.9				
<b>RHC Specialty Approved</b>															
Crystal RR018 (RHC)	4.0	3.3	3.8	3.6	3.7	4.0	5.3	4.7	4.6	4.7	4.7	4.2	4.4	4.5	4.4
Beta 9606 (RHC)	4.1	3.0	3.6	3.6	3.6	3.7	4.4	4.0	4.0	4.0	4.7	3.9	4.3	4.3	4.3
Crystal M623 (RHC)	3.9	3.2	3.4	3.5	3.5	3.9	4.8	4.3	4.3	4.3	4.5	4.0	4.2	4.2	4.2
Maribo MA109RR (RHC)	3.9	3.1	3.8	3.5	3.6	4.9	5.3	4.7	5.1	5.0	4.1	4.4	4.1	4.3	4.2
<b>CLS Specialty Approved</b>															
Beta 9505 (CLS)	4.4	3.5	4.5	3.9	4.1	3.4	4.1	4.1	3.7	3.9	4.1	3.9	4.1	4.0	4.0
Crystal M509 (CLS)	4.5	4.0	4.5	4.3	4.3	3.9	4.5	4.0	4.2	4.1	4.1	3.5	3.9	3.8	3.8
Hilleshog 9739 (CLS)	4.3	3.9	3.8	4.1	4.0	5.0	5.5	4.6	5.2	5.0	4.2	4.0	4.1	4.1	4.1
SV RR862 (CLS)	4.4	4.0	4.5	4.2	4.3	4.1	4.8	5.0	4.5	4.6	3.8	4.5	3.7	4.1	4.0
SV RR863 (CLS)	4.3	3.8	4.5	4.0	4.2	4.3	4.8	4.5	4.6	4.5	3.8	3.7	3.8	3.7	3.8
<b>APH Specialty Approved</b>															
Beta 92RR30 (Aph)	4.5	4.6	4.6	4.5	4.6	2.9	3.5	3.4	3.2	3.3	4.4	4.5	4.2	4.4	4.4
<b>Conventional Test Market</b>															
Hilleshog 3035	(-)	3.1				5.1	4.3		4.7		4.2	4.3		4.3	
SV 48793	(-)					4.4					5.4				
SV 48894	(-)					3.7					4.1				
	Rhizoctonia Ratings from SMBSC Nursery at Renville and BSDL Nursery in Michigan Ratings are on scale of 1 - 7. (1 = Healthy, 7 = Dead)					Aphanomyces Ratings from SMBSC Nursery at Renville and Betaseed Nursery in Shakopee. Ratings are on scale of 1 - 9. (1 = Healthy, 9 = Dead)					Cercospora Ratings from SMBSC Nursery in Renville and Betaseed Nursery near Randolph MN. Ratings are on scale of 1-9. 1 = Clean leaves, 9 = Dead Leaves.				