

2021-2023 Disease Nursery Data for Aphanomyces, Cercospora, and Rhizoctonia

Variety	Aphanomyces Root Ratings					Cercospora Leafspot Ratings					Rhizoctonia Root Ratings				
	2023	2022	2021	2022-2023	2021-2023	2023	2022	2021	2022-2023	2021-2023	2023	2022	2021	2022-2023	2021-2023
Description	Root Rating	Root Rating	Root Rating	2 Year Mean	3 Year Mean	CLS	CLS	CLS	2 Year Mean	3 Year Mean	Root	Root	Root	2 Year Mean	3 Year Mean
Fully Approved Varieties															
Beta 9044	4.4	4.3	5.1	4.3	4.6	4.0	4.1	4.1	4.1	4.1	3.5	3.8	3.9	3.7	3.8
Beta 9098	5.2	4.7	4.9	5.0	5.0	1.9	1.9	2.3	1.9	2.1	5.5	4.4	4.8	5.0	4.9
Beta 9124	5.2	5.0	5.0	5.1	5.1	2.0	2.3	2.6	2.1	2.3	4.3	4.5	4.4	4.4	4.4
Beta 9131	4.1	4.6	5.0	4.4	4.6	1.9	2.0	2.3	1.9	2.0	2.3	3.5	3.5	2.9	3.1
Crystal M028	4.3	4.3	4.4	4.3	4.3	3.8	3.7	3.9	3.8	3.8	4.1	4.1	4.1	4.1	4.1
Crystal M106	3.9	3.6	4.2	3.7	3.9	3.9	4.1	3.9	4.0	4.0	3.8	3.7	4.0	3.7	3.8
Crystal M168	4.8	4.0	4.6	4.4	4.5	1.8	2.0	2.2	1.9	2.0	3.8	4.3	4.3	4.0	4.1
Test Market Varieties															
Beta 9291	4.3	4.3	-	4.3	-	1.5	1.6	-	1.6	-	3.8	4.2	-	4.0	-
Beta 9284	3.7	3.8	-	3.7	-	4.0	3.9	-	4.0	-	3.1	3.5	-	3.3	-
Hilleshog 2395	4.6	5.0	4.2	4.8	4.6	3.9	4.4	4.3	4.1	4.2	4.9	4.0	4.4	4.5	4.4
Hilleshog 2398	5.3	4.5	4.6	4.9	4.8	3.9	3.8	3.8	3.9	3.8	4.3	4.1	3.9	4.2	4.1
APH Specialty Approved															
Crystal M977	3.7	3.5	4.2	3.6	3.8	4.0	4.7	4.3	4.4	4.3	2.9	3.3	3.6	3.1	3.3
RHC Specialty Approved															
Beta 9131	4.1	4.6	5.0	4.4	4.6	1.9	2.0	2.3	1.9	2.0	2.3	3.5	3.5	2.9	3.1
Beta 9155	4.5	4.1	4.2	4.3	4.3	2.0	2.4	2.9	2.2	2.4	3.2	3.2	3.6	3.2	3.3
Crystal M089	4.3	3.9	4.2	4.1	4.1	1.9	2.2	2.5	2.0	2.2	3.6	3.5	3.5	3.6	3.6
Crystal M977	3.7	3.5	4.2	3.6	3.8	4.0	4.7	4.3	4.4	4.3	2.9	3.3	3.6	3.1	3.3
SV RR863	5.8	4.8	3.8	5.3	4.8	3.8	4.0	4.1	3.9	4.0	3.7	3.5	3.7	3.6	3.6
CLS Specialty Approved															
Beta 9291	4.3	4.3	-	4.3	-	1.5	1.6	-	1.6	-	3.8	4.2	-	4.0	-
Last Year of Sales															
Hilleshog 2327	4.7	4.6	4.1	4.6	4.4	3.9	4.1	4.0	4.0	4.0	4.0	3.8	3.7	3.9	3.8
Hilleshog 2379	5.2	4.3	4.3	4.8	4.6	3.8	4.1	4.1	4.0	4.0	4.1	3.8	4.3	3.9	4.1
Aphanomyces Ratings from SMBSC Nursery at Renville and KWS Nursery in Shakopee.					Cercospora Ratings from SMBSC Nursery in Renville and KWS Nursery near Randolph MN.					Rhizoctonia Ratings from SMBSC Nursery at Renville and BSDF Nursery in Michigan					
Ratings are on scale of 1 - 9.					Ratings are on scale of 1-9.					Ratings are on scale of 1 - 7.					

** 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.