

2014 - 2016 Disease Nursery Data for Rhizoctonia, Aphanomyces, and Cercospora

** Lower Ratings mean more resistant to disease, and higher ratings mean more susceptible to the disease
This applies to all three disease nurseries

Variety Description	Rhizoctonia Root Ratings					Aphanomyces Root Ratings					Cercospora Leafspot Ratings				
				2015-2016	2014-2016				2015-2016	2014-2016				2015-2016	2014-2016
	2016	2015	2014	2 Year Mean	3 Year Mean	2016	2015	2014	2 Year Mean	3 Year Mean	2016	2015	2014	2 Year Mean	3 Year Mean
Root	Root	Root	Baseline Adjusted	Baseline Adjusted	Root	Root	Root	Baseline Adjusted	Baseline Adjusted	CLS	CLS	CLS	Baseline Adjusted	Baseline Adjusted	
	Rating	Rating	Rating	Root Rating	Root Rating	Rating	Rating	Rating	Root Rating	Root Rating	Rating	Rating	Rating	Root Rating	Root Rating
Fully Approved Varieties															
Beta 92RR30 (Aph)	4.6	4.8	4.3	4.7	4.6	3.4	3.1	3.6	3.3	3.4	4.2	3.9	3.9	4.1	4.0
Beta 92RR60	4.6	4.6	4.3	4.6	4.5	4.6	4.7	4.8	4.7	4.7	4.6	5.1	5.1	4.8	4.9
Beta 9475 (CLS)	4.5	4.6	4.4	4.5	4.5	5.1	4.5	5.2	4.8	4.9	4.1	3.9	4.1	4.0	4.0
Crystal M375	4.7	4.8	4.3	4.8	4.6	4.5	4.9	5.5	4.7	5.0	4.9	4.7	4.9	4.8	4.8
Crystal M380 (Aph)	4.7	4.1	3.9	4.4	4.2	3.4	3.3	3.6	3.4	3.5	4.6	4.4	4.7	4.5	4.6
Crystal RR270	4.7	4.7	4.3	4.7	4.6	4.2	4.6	4.4	4.4	4.4	5.4	5.6	4.9	5.5	5.3
Maribo MA109RR (RHC)	3.8	2.9	2.8	3.3	3.2	4.7	4.0	4.8	4.3	4.5	4.1	4.5	4.5	4.3	4.4
Test Market Varieties															
Beta 9545	4.3	4.3		4.3		4.5	5.1		4.8		4.6	4.9		4.8	
Beta 9565	4.2	4.2		4.2		4.4	4.6		4.5		4.5	4.4		4.4	
Crystal M579	5.0	4.6		4.8		4.3	4.4		4.4		4.5	4.7		4.6	
Hilleshog 9739	3.8	3.5		3.6		4.6	5.0		4.8		4.1	4.0		4.1	
SV RR958	4.4	4.3		4.3		5.5	4.5		5.0		4.6	4.2		4.4	
Specialty Approved															
Crystal RR018 (RHC)	3.8	3.9	3.7	3.8	3.8	4.7	4.1	4.4	4.4	4.4	4.4	4.1	4.3	4.3	4.3
Hilleshog 9093RR (RHC)	3.3	3.3	3.3	3.3	3.3	4.8	4.8	5.3	4.8	5.0	4.3	4.4	4.5	4.3	4.4
Beta 9505 (CLS)	4.5	4.1		4.3		4.1	3.5		3.8		4.1	3.5		3.8	
Crystal M509 (CLS)	4.5	4.3		4.4		4.0	3.5		3.8		3.9	3.6		3.7	
Last Year of Sales															
Beta 90RR54	4.4	4.1	3.3	4.3	4.0	4.4	4.1	3.8	4.3	4.1	4.2	4.1	4.2	4.2	4.2
	Rhizoctonia Ratings from SMBSC Nursery at Renville and BSDF 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.				