

2024 Minn-Dak Official Variety Trial  
Rhizoctonia Ratings  
BSDF (Frankenmuth, MI) & MDFC (Wahpeton, ND)

Entry Code	Commercial & Experimental Entries	Unadjusted		Adjusted						
		BSDF	MDFC	BSDF	MDFC	2024 2 Loc.	2023 2 Loc.	2022 2 Loc.	2 Yr.	3 Yr.
2	* ACH 166	4.88	3.75	3.49	3.58	3.53	3.66	3.72	3.59	3.64
8	ACH 290	5.18	2.38	3.70	2.27	2.99	3.14	4.01	3.06	3.38
3	ACH 370	5.38	4.75	3.84	4.54	4.19	3.54	---	3.86	---
1	* ACH 973	5.31	4.54	3.79	4.34	4.07	3.84	4.61	3.95	4.17
7	* Beta 7068	5.04	3.58	3.60	3.42	3.51	3.58	4.15	3.55	3.75
4	Beta 7170	5.35	3.25	3.82	3.11	3.46	3.50	3.62	3.48	3.53
5	Beta 7231	5.84	3.42	4.17	3.27	3.72	3.66	4.10	3.69	3.83
10	Beta 7344	5.42	4.46	3.87	4.26	4.07	3.53	---	3.80	---
9	Beta 7397	5.73	5.50	4.09	5.26	4.67	3.60	---	4.14	---
6	* Hilleshög 2325	5.78	3.83	4.13	3.66	3.89	4.09	3.99	3.99	3.99
20	ACH 417	5.16	2.92	3.68	2.79	3.24	---	---	---	---
11	ACH 430	5.18	3.71	3.70	3.55	3.62	---	---	---	---
15	ACH 454	4.56	4.00	3.26	3.82	3.54	---	---	---	---
12	ACH 472	5.58	2.75	3.98	2.63	3.31	---	---	---	---
16	ACH 489	5.61	3.04	4.01	2.91	3.46	---	---	---	---
13	Beta 7401	5.86	2.92	4.18	2.79	3.49	---	---	---	---
18	Beta 7416	4.47	3.50	3.19	3.34	3.27	---	---	---	---
17	Beta 7439	5.23	4.08	3.73	3.90	3.82	---	---	---	---
19	Beta 7456	5.06	2.92	3.61	2.79	3.20	---	---	---	---
14	Hilleshög 2517	5.29	4.67	3.78	4.46	4.12	---	---	---	---
<b>Established Mean</b>		<b>5.25</b>	<b>3.93</b>	<b>3.75</b>	<b>3.75</b>	<b>3.75</b>	<b>3.79</b>	<b>4.11</b>	<b>3.77</b>	<b>3.89</b>
<b>Exp/Trial Mean</b>		<b>5.30</b>	<b>3.70</b>	<b>3.78</b>	<b>3.53</b>	<b>3.66</b>				
<b>CV (%)</b>		<b>10.96</b>	<b>18.06</b>							
<b>LSD (P=0.05)</b>		<b>0.73</b>	<b>0.77</b>							
<b>Adjustment Factor</b>				<b>0.71414</b>	<b>0.95568</b>					

\* Established varieties used to calculate the adjustment factors

Lower values indicate better disease tolerance: (0)=Excellent >>>> (9)=Dead Plant

Ratings adjusted for disease severity on the basis of the Established Varieties [4-year adjusted mean, 2020-2023]

Ratings x Adjustment Factor = Adjusted Rating

Average ratings based upon multiple individual ratings