

2020 Minn-Dak Official Variety Trial
Rhizoctonia Ratings
BSDF (Frankenmuth, MI) & MDFC (Wahpeton, ND)

Entry Code	Variety	Unadjusted		Adjusted		2020 2 Loc.	2019 2 Loc.	2018 2 Loc.	2 Yr.	3 yr.
		BSDF	Wahpeton	BSDF	Wahpeton					
6	* ACH 659	5.93	3.80	4.39	4.62	4.51	3.98	3.80	4.24	4.10
18	* ACH 765	4.89	3.50	3.62	4.26	3.94	4.28	4.27	4.11	4.16
17	* ACH 771	5.73	3.00	4.25	3.65	3.95	3.65	3.16	3.80	3.59
13	ACH 910	5.67	3.00	4.20	3.65	3.92	4.48	---	4.20	---
5	ACH 950	5.79	2.70	4.29	3.28	3.79	3.94	---	3.87	---
21	ACH 973	5.23	2.60	3.88	3.16	3.52	3.91	---	3.72	---
2	* Beta 7727	5.47	3.10	4.05	3.77	3.91	3.86	4.01	3.89	3.93
15	* Beta 7741	5.73	3.60	4.25	4.38	4.31	4.04	3.82	4.18	4.06
19	* Beta 7748	5.24	3.30	3.88	4.01	3.95	3.85	3.43	3.90	3.74
9	Beta 7845	4.82	2.90	3.57	3.53	3.55	4.12	3.48	3.84	3.72
3	Beta 7931	5.73	2.70	4.25	3.28	3.77	4.33	---	4.05	---
11	Beta 7974	5.13	2.50	3.80	3.04	3.42	3.47	---	3.44	---
4	Beta 7996	5.89	2.60	4.36	3.16	3.76	4.61	---	4.19	---
1	Hilleshög 2321	5.54	2.80	4.11	3.41	3.76	3.90	---	3.83	---
16	Hilleshög 2325	5.74	2.90	4.25	3.53	3.89	3.40	---	3.64	---
10	Hilleshög 4302	5.27	2.80	3.91	3.41	3.66	3.83	3.55	3.74	3.68
20	Maribo 905	5.99	3.90	4.44	4.74	4.59	3.75	---	4.17	---
7	* SES/VdH 655	5.33	3.30	3.95	4.01	3.98	4.00	4.26	3.99	4.08
12	SES/VdH 696	6.01	3.50	4.46	4.26	4.36	4.18	---	4.27	---
14	* SES/VdH 762	5.51	3.10	4.08	3.77	3.93	4.12	4.10	4.02	4.05
8	SES/VdH 788	5.78	3.20	4.29	3.89	4.09	3.54	3.93	3.81	3.85
22	SES/VdH 1986	5.42	3.20	4.02	3.89	3.96	3.96	4.23	3.96	4.05
29	ACH 008	5.09	3.10	3.77	3.77	3.77	---	---	---	---
30	ACH 011	5.22	2.40	3.87	2.92	3.39	---	---	---	---
35	ACH 023	5.19	3.00	3.84	3.65	3.75	---	---	---	---
39	ACH 044	5.57	3.30	4.13	4.01	4.07	---	---	---	---
24	ACH 056	5.01	2.80	3.72	3.41	3.56	---	---	---	---
27	ACH 082	5.49	3.40	4.07	4.14	4.10	---	---	---	---
38	ACH 095	5.36	3.20	3.97	3.89	3.93	---	---	---	---
25	Beta 7021	5.64	3.40	4.18	4.14	4.16	---	---	---	---
34	Beta 7029	5.33	3.30	3.95	4.01	3.98	---	---	---	---
23	Beta 7033	4.71	2.90	3.49	3.53	3.51	---	---	---	---
40	Beta 7059	5.75	3.60	4.26	4.38	4.32	---	---	---	---
43	Beta 7062	4.85	2.60	3.60	3.16	3.38	---	---	---	---
45	Beta 7068	5.60	1.80	4.15	2.19	3.17	---	---	---	---
41	Beta 7085	5.18	2.60	3.84	3.16	3.50	---	---	---	---
37	Hilleshög 2371	5.38	2.90	3.99	3.53	3.76	---	---	---	---
33	Hilleshög 2372	5.76	3.30	4.27	4.01	4.14	---	---	---	---
28	Hilleshög 2373	6.09	3.10	4.52	3.77	4.14	---	---	---	---
36	Hilleshög 2374	5.48	2.90	4.06	3.53	3.79	---	---	---	---
44	Maribo 924	5.96	3.40	4.42	4.14	4.28	---	---	---	---
42	SES/VdH 701	6.08	3.40	4.51	4.14	4.32	---	---	---	---
26	SES/VdH 702	5.74	3.30	4.25	4.01	4.13	---	---	---	---
31	SES/VdH 703	5.49	3.30	4.07	4.01	4.04	---	---	---	---
32	SES/VdH 704	5.96	3.60	4.42	4.38	4.40	---	---	---	---
Established Mean		5.48	3.34	4.06	4.06	4.06	3.97	3.86	4.02	3.96
Exp/Trial Mean		5.51	3.08			3.91				
CV (%)		13.08	19.68							
Mean LSD (0.05)		0.90	0.64							
Adjustment Factor				0.74118	1.21653					

* Established varieties used to calculate the adjustment factors

Lower values indicate better disease tolerance: (0)=Excellent >>>> (7)=Dead Plant

Ratings adjusted for disease severity on the basis of the Established Varieties [4-year adjusted mean, 2016-2019]

Ratings x Adjustment Factor = Adjusted Rating

Average ratings based upon multiple individual ratings