

2024 Minn-Dak Official Variety Trial
Cercospora Ratings
KWS (Randolph, MN) & MDFC (Foxhome, MN)

Entry Code	Commercial & Experimental Entries	Unadjusted				Adjusted				
		Randolph 9 Dates	Foxhome 6 Dates	Randolph 9 Dates	Foxhome 6 Dates	2024 2 Loc.	2023 2 Loc.	2022 2 Loc.	2 Yr.	3 Yr.
2	* ACH 166	3.65	3.76	2.52	2.55	2.53	2.26	1.65	2.40	2.15
8	ACH 290	4.13	3.48	2.86	2.36	2.61	2.63	2.10	2.62	2.44
3	ACH 370	3.15	2.76	2.18	1.87	2.02	1.78	---	1.90	---
1	* ACH 973	2.28	2.82	1.58	1.91	1.74	2.14	1.58	1.94	1.82
7	* Beta 7068	3.45	3.44	2.39	2.33	2.36	2.39	2.15	2.38	2.30
4	Beta 7170	4.07	3.88	2.81	2.63	2.72	2.67	2.16	2.70	2.52
5	Beta 7231	2.45	3.29	1.69	2.23	1.96	2.10	1.53	2.03	1.87
10	Beta 7344	2.13	2.85	1.47	1.93	1.70	2.11	---	1.91	---
9	Beta 7397	2.80	3.44	1.94	2.33	2.13	2.26	---	2.20	---
6	* Hilleshög 2325	4.98	4.65	3.44	3.15	3.30	3.64	4.12	3.47	3.69
20	ACH 417	2.07	2.47	1.43	1.67	1.55	---	---	---	---
11	ACH 430	2.62	3.68	1.81	2.49	2.15	---	---	---	---
15	ACH 454	2.95	3.40	2.04	2.30	2.17	---	---	---	---
12	ACH 472	1.75	2.50	1.21	1.69	1.45	---	---	---	---
16	ACH 489	4.58	5.58	3.17	3.78	3.47	---	---	---	---
13	Beta 7401	2.92	3.49	2.02	2.36	2.19	---	---	---	---
18	Beta 7416	3.52	3.05	2.43	2.06	2.25	---	---	---	---
17	Beta 7439	3.78	3.19	2.61	2.16	2.39	---	---	---	---
19	Beta 7456	2.38	2.75	1.65	1.86	1.75	---	---	---	---
14	Hilleshög 2517	2.50	4.27	1.73	2.89	2.31	---	---	---	---
Established Mean		3.59	3.67	2.48	2.48	2.48	2.61	2.38	2.54	2.49
Exp/Trial Mean		3.11	3.44	2.15	2.33	2.24				
CV (%)		15.18	13.08							
LSD (P=0.05)		0.57	0.52							
Adjustment Factor				0.69153	0.67691					

* Established varieties used to calculate the adjustment factors

Lower disease values indicate better disease tolerance: (0)=No Disease >>>> (10)=Dead Canopy

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 rating dates and individuals