

2025 Minn-Dak Official Variety Trial
Cercospora Ratings
KWS (Randolph, MN) & MDFC (Foxhome, MN)

Entry Code	Commercial & Experimental Entries	Unadjusted		Adjusted						
		Randolph 10 Dates	Foxhome 5 Dates	Randolph 10 Dates	Foxhome 5 Dates	2025 2 Loc.	2024 2 Loc.	2023 2 Loc.	2 Yr.	3 Yr.
4	* ACH 166	2.53	6.67	2.05	2.59	2.32	2.53	2.26	2.43	2.37
6	ACH 290	3.38	7.06	2.74	2.75	2.74	2.61	2.63	2.67	2.66
9	ACH 370	2.14	5.27	1.73	2.05	1.89	2.02	1.78	1.96	1.90
7	ACH 417	1.90	5.12	1.54	1.99	1.77	1.55	---	1.66	---
10	ACH 472	2.36	5.41	1.91	2.10	2.01	1.45	---	1.73	---
12	ACH 489	4.55	5.84	3.69	2.27	2.98	3.47	---	3.23	---
2	* Beta 7068	3.40	6.83	2.76	2.66	2.71	2.36	2.39	2.53	2.49
8	Beta 7170	3.56	7.28	2.88	2.83	2.86	2.72	2.67	2.79	2.75
5	* Beta 7231	2.06	6.07	1.67	2.36	2.02	1.96	2.10	1.99	2.03
11	Beta 7416	2.59	6.53	2.10	2.54	2.32	2.25	---	2.28	---
1	Beta 7456	2.51	5.88	2.03	2.29	2.16	1.75	---	1.96	---
3	* Hilleshög 2325	4.41	6.26	3.57	2.44	3.00	3.30	3.64	3.15	3.31
19	ACH 535	4.34	6.46	3.52	2.51	3.01	---	---	---	---
18	ACH 559	1.78	5.57	1.44	2.17	1.80	---	---	---	---
14	ACH 592	4.16	5.74	3.37	2.23	2.80	---	---	---	---
13	Beta 7519	3.79	5.26	3.07	2.05	2.56	---	---	---	---
16	Beta 7524	1.54	4.66	1.25	1.81	1.53	---	---	---	---
17	Beta 7541	4.50	5.63	3.65	2.19	2.92	---	---	---	---
15	Beta 7590	2.06	6.11	1.67	2.38	2.02	---	---	---	---
20	Hilleshög 2547	4.25	6.46	3.44	2.51	2.98	---	---	---	---
Established Mean		3.10	6.46	2.51	2.51	2.51	2.54	2.60	2.52	2.55
Exp/Trial Mean		3.09	6.01	2.50	2.34	2.42				
CV (%)		7.34	6.84							
LSD (P=0.05)		0.27	0.47							
Adjustment Factor				0.81035	0.38902					

* Established varieties used to calculate the adjustment factors

Lower disease values indicate better disease tolerance: (1)=No Disease >>>> (10)=Dead Canopy

Ratings adjusted for disease severity on the basis of the Established Varieties [4-year adjusted mean, 2021-2024]

Ratings x Adjustment Factor = Adjusted Rating

Average ratings based upon multiple rating dates and individuals