

Performance Data of RR Varieties Approved for the 2026 Season - Sorted by Variety

Variety	Yrs Com	Rev/Ton ++			Rev/Acre ++			Rec/Ton		Rec/Acre		Yield		Sugar		Molasses		Emergence +		Cerc. *		Aphan. *		Rhizoc. *		Fusarium *		Rzm *
		25	2 Yr	2Y%	25	2 Yr	2Y%	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr			
		12	24		12	24		12	24	12	24	12	24	12	24	12	24	12	24	5	10	2	5	4	8	2	4	
Number of locations →																												
BTS 8018	4	62.57	61.20	99	2179	2140	103	324	330	11348	11576	35.2	35.1	17.23	17.52	1.01	1.01	75	79	3.9	3.6	3.5	3.6	3.8	3.8	2.4	2.3	MG
BTS 8034	4	58.73	57.30	93	2051	2015	97	314	319	11001	11239	35.2	35.3	16.83	17.09	1.14	1.15	67	76	4.3	4.0	3.5	4.0	4.2	4.3	2.3	2.1	MG
BTS 8156	3	62.42	60.42	98	2130	2073	99	324	328	11082	11260	34.3	34.4	17.27	17.47	1.07	1.07	70	76	4.4	4.1	3.6	3.9	4.4	4.3	2.4	2.3	MG
BTS 8226	2	66.83	65.01	105	2256	2201	106	336	341	11373	11568	34.0	34.0	17.74	18.01	0.95	0.96	73	77	4.1	3.8	3.4	3.6	3.6	3.5	2.9	2.8	MG
BTS 8270	2	65.80	63.06	102	2189	2127	102	333	335	11114	11340	33.5	33.9	17.64	17.78	0.99	1.02	65	72	3.6	3.4	3.6	3.7	3.9	3.9	2.3	2.3	MG
BTS 8365	1	67.89	66.20	107	2151	2120	102	339	344	10770	11051	31.9	32.1	17.91	18.19	0.98	0.96	64	72	4.0	4.1	3.7	3.8	3.7	3.7	2.6	2.4	MG
BTS 8440	NC	67.86	64.75	105	2290	2197	105	339	340	11469	11564	34.0	34.1	17.86	17.94	0.92	0.94	74	78	3.2	3.0	3.6	3.8	3.8	3.7	2.5	2.7	MG
BTS 8457	NC	65.74	63.75	103	2228	2194	105	333	337	11344	11646	34.3	34.6	17.54	17.78	0.90	0.92	73	76	4.1	3.8	4.0	4.1	3.8	3.7	2.7	2.5	MG
BTS 8927	5	65.76	64.27	104	2215	2170	104	333	339	11262	11471	34.0	33.9	17.63	17.93	0.98	0.98	73	79	4.2	4.3	3.7	4.0	3.9	3.7	2.2	2.1	MG
Crystal 022	4	67.03	64.74	105	2216	2130	102	336	340	11185	11219	33.4	33.1	17.80	18.00	0.98	0.99	74	77	4.8	4.7	3.3	3.6	3.9	3.7	2.3	2.5	MG
Crystal 130	3	64.94	62.63	101	2213	2145	103	331	334	11312	11464	34.4	34.4	17.54	17.72	1.00	1.02	71	76	4.3	3.9	3.5	3.6	3.8	3.7	2.6	2.7	MG
Crystal 138	2	65.28	62.18	100	2216	2120	102	332	333	11297	11361	34.2	34.2	17.59	17.68	1.00	1.04	68	73	4.5	4.6	3.6	3.7	3.8	3.7	2.6	2.8	MG
Crystal 260	2	64.91	63.05	102	2219	2172	104	331	335	11333	11571	34.4	34.6	17.48	17.74	0.95	0.97	70	78	3.6	3.4	3.6	3.8	3.8	3.8	2.6	2.5	MG
Crystal 269	2	65.76	64.28	104	2253	2196	105	333	339	11455	11612	34.5	34.3	17.74	18.04	1.09	1.09	69	73	4.4	4.5	3.1	3.3	4.1	4.2	2.3	2.4	MG
Crystal 361	1	67.32	64.21	104	2282	2200	106	337	339	11455	11623	34.1	34.4	17.80	17.90	0.94	0.98	74	77	3.7	3.5	3.1	3.5	4.0	3.9	2.3	2.2	MG
Crystal 364	NC	60.09	58.58	95	2162	2122	102	318	323	11497	11724	36.5	36.5	16.96	17.21	1.07	1.08	78	81	4.4	4.4	3.4	3.6	3.6	3.7	2.2	2.2	MG
Crystal 369	1	63.41	62.00	100	2214	2158	103	327	332	11445	11585	35.2	34.9	17.43	17.74	1.10	1.11	68	75	3.9	4.0	3.4	3.4	4.3	4.5	2.3	2.3	MG
Crystal 470	NC	63.15	60.93	98	2247	2196	105	326	329	11623	11883	35.8	36.1	17.29	17.47	0.98	1.00	73	78	4.2	4.0	3.7	3.7	3.8	3.8	2.7	2.5	MG
Crystal 471	NC	66.82	64.59	104	2251	2204	106	336	340	11370	11631	34.0	34.3	17.74	17.96	0.95	0.97	69	75	4.1	3.8	3.6	3.8	3.9	3.8	2.4	2.3	MG
Crystal 793	7	64.00	62.37	101	2220	2156	103	328	334	11427	11542	35.0	34.7	17.40	17.68	0.99	1.00	75	78	4.0	4.1	3.2	3.4	4.2	4.0	2.5	2.4	MG
Crystal 912	4	57.95	55.64	90	2174	2105	101	312	314	11742	11896	37.8	37.9	16.66	16.79	1.07	1.09	74	79	5.0	5.0	3.3	3.4	3.1	3.3	4.2	3.9	MG
Hilleshög HIL2389	3	63.20	61.65	100	2116	2089	100	326	331	10945	11243	33.7	34.0	17.31	17.58	1.01	1.01	67	76	4.5	4.6	3.8	3.7	4.0	4.0	5.4	5.5	MG
Hilleshög HIL2479	1	62.71	61.64	100	2067	1968	94	325	332	10751	10601	33.2	32.1	17.30	17.64	1.06	1.06	72	75	4.2	4.2	4.2	4.5	3.5	3.9	4.5	4.5	MG
Hilleshög HIL2480 **	1	60.90	59.58	96	2052	1969	94	320	326	10818	10772	34.0	33.2	17.19	17.48	1.20	1.20	69	74	4.2	4.2	4.1	4.2	3.4	3.5	2.6	2.8	MG
Hilleshög HIL2493 **	NC	60.14	58.67	95	2164	2157	103	318	323	11486	11910	36.3	37.0	16.95	17.21	1.06	1.06	73	77	4.6	4.7	4.3	4.2	3.6	3.7	4.4	4.6	MG
Maribo MA717	7	59.56	57.69	93	2065	2022	97	316	320	11043	11260	35.2	35.3	16.89	17.08	1.08	1.08	64	72	4.8	4.8	4.9	4.5	3.9	4.0	5.1	4.7	MG
SX 1815	3	62.66	61.52	99	2097	2084	100	325	331	10925	11244	33.9	34.0	17.25	17.58	1.02	1.02	65	74	4.7	4.7	4.3	4.1	4.1	4.2	6.1	5.8	MG
SX 1835 **	1	59.93	57.94	94	2160	2110	101	317	321	11469	11703	36.3	36.5	16.96	17.16	1.10	1.12	72	79	4.6	4.6	4.4	4.4	3.8	3.9	4.7	4.1	MG
SV 231	1	60.80	58.69	95	2179	2147	103	320	323	11491	11833	36.1	36.6	17.02	17.20	1.04	1.05	75	79	4.7	4.8	4.1	4.3	3.8	3.8	5.1	4.8	MG
SV 345 **	NC	60.41	57.76	93	2147	2138	103	318	320	11366	11891	35.9	37.2	17.00	17.08	1.07	1.07	69	78	4.8	4.9	4.1	4.2	3.6	3.5	4.9	4.6	MG
Benchmark var. mean		64.15	61.90		2150	2085		329	332	11049	11201	33.8	33.8	17.44	17.64	1.01	1.03	71	78									

Excellent

V.Good

Caution

Weak

+++ 2025 Sites include Casselton, Averill, Perley, Ada, Caledonia, Scandia, Reynolds, Alvarado, Stephen, St Thomas, Northcote, and Bathgate

+++ 2024 Sites include Casselton, Averill, Ada, Hillsboro, Climax, Grand Forks, Scandia, Forest River, Alvarado, St Thomas, Hallock, and Bathgate

++ 2025 Revenue estimate based on a \$60.97 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses and 2024 Revenue estimate based on a \$54.53 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses.

+ Emergence is % of planted seeds producing a 4 leaf beet.

** Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

* 2025 Cercospora from Saginaw MI, Randolph MN, Averill MN, Caledonia ND and Stephen MN (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN and Glyndon MN (res.<4.0, susc>4.8).

Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0). MG indicates muligenic resistance to Rhizomania.

* 2024 Cercospora from Saginaw MI, Randolph MN, Foxhome MN, Averill MN and Forest River ND (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN, Glyndon MN, and Perley MN (res.<4.0, susc>4.8).

Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0).

Created 10/22/2025

Performance Data of RR Varieties Approved for the 2026 Season - Sorted by Revenue/Ton																													
Variety	Yrs Com	Rev/Ton ++			Rev/Acre ++			Rec/Ton		Rec/Acre		Yield		Sugar		Molasses		Emergence +		Cerc. *		Aphan. *		Rhizoc. *		Fusarium *		Rzm *	
		25	2 Yr	2Y%	25	2 Yr	2Y%	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr		
Number of locations →		12	24		12	24		12	24	12	24	12	24	12	24	12	24	12	24	5	10	2	5	4	8	2	4		
BTS 8365	1	67.89	66.20	107	2151	2120	102	339	344	10770	11051	31.9	32.1	17.91	18.19	0.98	0.96	64	72	4.0	4.1	3.7	3.8	3.7	3.7	2.6	2.4	MG	
BTS 8226	2	66.83	65.01	105	2256	2201	106	336	341	11373	11568	34.0	34.0	17.74	18.01	0.95	0.96	73	77	4.1	3.8	3.4	3.6	3.6	3.5	2.9	2.8	MG	
BTS 8440	NC	67.86	64.75	105	2290	2197	105	339	340	11469	11564	34.0	34.1	17.86	17.94	0.92	0.94	74	78	3.2	3.0	3.6	3.8	3.8	3.7	2.5	2.7	MG	
Crystal 022	4	67.03	64.74	105	2216	2130	102	336	340	11185	11219	33.4	33.1	17.80	18.00	0.98	0.99	74	77	4.8	4.7	3.3	3.6	3.9	3.7	2.3	2.5	MG	
Crystal 471	NC	66.82	64.59	104	2251	2204	106	336	340	11370	11631	34.0	34.3	17.74	17.96	0.95	0.97	69	75	4.1	3.8	3.6	3.8	3.9	3.8	2.4	2.3	MG	
Crystal 269	2	65.76	64.28	104	2253	2196	105	333	339	11455	11612	34.5	34.3	17.74	18.04	1.09	1.09	69	73	4.4	4.5	3.1	3.3	4.1	4.2	2.3	2.4	MG	
BTS 8927	5	65.76	64.27	104	2215	2170	104	333	339	11262	11471	34.0	33.9	17.63	17.93	0.98	0.98	73	79	4.2	4.3	3.7	4.0	3.9	3.7	2.2	2.1	MG	
Crystal 361	1	67.32	64.21	104	2282	2200	106	337	339	11455	11623	34.1	34.4	17.80	17.90	0.94	0.98	74	77	3.7	3.5	3.1	3.5	4.0	3.9	2.3	2.2	MG	
BTS 8457	NC	65.74	63.75	103	2228	2194	105	333	337	11344	11646	34.3	34.6	17.54	17.78	0.90	0.92	73	76	4.1	3.8	4.0	4.1	3.8	3.7	2.7	2.5	MG	
BTS 8270	2	65.80	63.06	102	2189	2127	102	333	335	11114	11340	33.5	33.9	17.64	17.78	0.99	1.02	65	72	3.6	3.4	3.6	3.7	3.9	3.9	2.3	2.3	MG	
Crystal 260	2	64.91	63.05	102	2219	2172	104	331	335	11333	11571	34.4	34.6	17.48	17.74	0.95	0.97	70	78	3.6	3.4	3.6	3.8	3.8	3.8	2.6	2.5	MG	
Crystal 130	3	64.94	62.63	101	2213	2145	103	331	334	11312	11464	34.4	34.4	17.54	17.72	1.00	1.02	71	76	4.3	3.9	3.5	3.6	3.8	3.7	2.6	2.7	MG	
Crystal 793	7	64.00	62.37	101	2220	2156	103	328	334	11427	11542	35.0	34.7	17.40	17.68	0.99	1.00	75	78	4.0	4.1	3.2	3.4	4.2	4.0	2.5	2.4	MG	
Crystal 138	2	65.28	62.18	100	2216	2120	102	332	333	11297	11361	34.2	34.2	17.59	17.68	1.00	1.04	68	73	4.5	4.6	3.6	3.7	3.8	3.7	2.6	2.8	MG	
Crystal 369	1	63.41	62.00	100	2214	2158	103	327	332	11445	11585	35.2	34.9	17.43	17.74	1.10	1.11	68	75	3.9	4.0	3.4	3.4	4.3	4.5	2.3	2.3	MG	
Hilleshög HIL2389	3	63.20	61.65	100	2116	2089	100	326	331	10945	11243	33.7	34.0	17.31	17.58	1.01	1.01	67	76	4.5	4.6	3.8	3.7	4.0	4.0	5.4	5.5	MG	
Hilleshög HIL2479	1	62.71	61.64	100	2067	1968	94	325	332	10751	10601	33.2	32.1	17.30	17.64	1.06	1.06	72	75	4.2	4.2	4.2	4.5	3.5	3.9	4.5	4.5	MG	
SX 1815	3	62.66	61.52	99	2097	2084	100	325	331	10925	11244	33.9	34.0	17.25	17.58	1.02	1.02	65	74	4.7	4.7	4.3	4.1	4.1	4.2	6.1	5.8	MG	
BTS 8018	4	62.57	61.20	99	2179	2140	103	324	330	11348	11576	35.2	35.1	17.23	17.52	1.01	1.01	75	79	3.9	3.6	3.5	3.6	3.8	3.8	2.4	2.3	MG	
Crystal 470	NC	63.15	60.93	98	2247	2196	105	326	329	11623	11883	35.8	36.1	17.29	17.47	0.98	1.00	73	78	4.2	4.0	3.7	3.7	3.8	3.8	2.7	2.5	MG	
BTS 8156	3	62.42	60.42	98	2130	2073	99	324	328	11082	11260	34.3	34.4	17.27	17.47	1.07	1.07	70	76	4.4	4.1	3.6	3.9	4.4	4.3	2.4	2.3	MG	
Hilleshög HIL2480 **	1	60.90	59.58	96	2052	1969	94	320	326	10818	10772	34.0	33.2	17.19	17.48	1.20	1.20	69	74	4.2	4.2	4.1	4.2	3.4	3.5	2.6	2.8	MG	
SV 231	1	60.80	58.69	95	2179	2147	103	320	323	11491	11833	36.1	36.6	17.02	17.20	1.04	1.05	75	79	4.7	4.8	4.1	4.3	3.8	3.8	5.1	4.8	MG	
Hilleshög HIL2493 **	NC	60.14	58.67	95	2164	2157	103	318	323	11486	11910	36.3	37.0	16.95	17.21	1.06	1.06	73	77	4.6	4.7	4.3	4.2	3.6	3.7	4.4	4.6	MG	
Crystal 364	NC	60.09	58.58	95	2162	2122	102	318	323	11497	11724	36.5	36.5	16.96	17.21	1.07	1.08	78	81	4.4	4.4	3.4	3.6	3.6	3.7	2.2	2.2	MG	
SX 1835 **	1	59.93	57.94	94	2160	2110	101	317	321	11469	11703	36.3	36.5	16.96	17.16	1.10	1.12	72	79	4.6	4.6	4.4	4.4	3.8	3.9	4.7	4.1	MG	
SV 345 **	NC	60.41	57.76	93	2147	2138	103	318	320	11366	11891	35.9	37.2	17.00	17.08	1.07	1.07	69	78	4.8	4.9	4.1	4.2	3.6	3.5	4.9	4.6	MG	
Maribo MA717	7	59.56	57.69	93	2065	2022	97	316	320	11043	11260	35.2	35.3	16.89	17.08	1.08	1.08	64	72	4.8	4.8	4.9	4.5	3.9	4.0	5.1	4.7	MG	
BTS 8034	4	58.73	57.30	93	2051	2015	97	314	319	11001	11239	35.2	35.3	16.83	17.09	1.14	1.15	67	76	4.3	4.0	3.5	4.0	4.2	4.3	2.3	2.1	MG	
Crystal 912	4	57.95	55.64	90	2174	2105	101	312	314	11742	11896	37.8	37.9	16.66	16.79	1.07	1.09	74	79	5.0	5.0	3.3	3.4	3.1	3.3	4.2	3.9	MG	
Benchmark var. mean		64.15	61.90		2150	2085		329	332	11049	11201	33.8	33.8	17.44	17.64	1.01	1.03	71	78										
								Excellent	V.Good		Caution		Weak																

+++ 2025 Sites include Casselton, Averill, Perley, Ada, Caledonia, Scandia, Reynolds, Alvarado, Stephen, St Thomas, Northcote, and Bathgate

+++ 2024 Sites include Casselton, Averill, Ada, Hillsboro, Climax, Grand Forks, Scandia, Forest River, Alvarado, St Thomas, Hallock, and Bathgate

++ 2025 Revenue estimate based on a \$60.97 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses and 2024 Revenue estimate based on a \$54.53 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses.

+ Emergence is % of planted seeds producing a 4 leaf beet.

** Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval .

* 2025 Cercospora from Saginaw MI, Randolph MN, Averill MN, Caledonia ND and Stephen MN (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN and Glyndon MN (res.<4.0, susc>4.8). Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0). MG indicates muligenic resistance to Rhizomania.

* 2024 Cercospora from Saginaw MI, Randolph MN, Foxhome MN, Averill MN and Forest River ND (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN, Glyndon MN, and Perley MN (res.<4.0, susc>4.8). Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0).

Created 10/22/2025

Performance Data of RR Varieties Approved for the 2026 Season - Sorted by Revenue/Acre

Variety	Yrs Com	Rev/Ton ++			Rev/Acre ++			Rec/Ton		Rec/Acre		Yield		Sugar		Molasses		Emergence +		Cerc. *		Aphan. *		Rhizoc. *		Fusarium *		Rzm *
		25	2 Yr	2Y%	25	2 Yr	2Y%	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr			
		12	24		12	24		12	24	12	24	12	24	12	24	12	24	12	24	5	10	2	5	4	8	2	4	
Number of locations →		25	24		12	24		12	24	12	24	12	24	12	24	12	24	12	24	5	10	2	5	4	8	2	4	
Crystal 471	NC	66.82	64.59	104	2251	2204	106	336	340	11370	11631	34.0	34.3	17.74	17.96	0.95	0.97	69	75	4.1	3.8	3.6	3.8	3.9	3.8	2.4	2.3	MG
BTS 8226	2	66.83	65.01	105	2256	2201	106	336	341	11373	11568	34.0	34.0	17.74	18.01	0.95	0.96	73	77	4.1	3.8	3.4	3.6	3.6	3.5	2.9	2.8	MG
Crystal 361	1	67.32	64.21	104	2282	2200	106	337	339	11455	11623	34.1	34.4	17.80	17.90	0.94	0.98	74	77	3.7	3.5	3.1	3.5	4.0	3.9	2.3	2.2	MG
BTS 8440	NC	67.86	64.75	105	2290	2197	105	339	340	11469	11564	34.0	34.1	17.86	17.94	0.92	0.94	74	78	3.2	3.0	3.6	3.8	3.8	3.7	2.5	2.7	MG
Crystal 470	NC	63.15	60.93	98	2247	2196	105	326	329	11623	11883	35.8	36.1	17.29	17.47	0.98	1.00	73	78	4.2	4.0	3.7	3.7	3.8	3.8	2.7	2.5	MG
Crystal 269	2	65.76	64.28	104	2253	2196	105	333	339	11455	11612	34.5	34.3	17.74	18.04	1.09	1.09	69	73	4.4	4.5	3.1	3.3	4.1	4.2	2.3	2.4	MG
BTS 8457	NC	65.74	63.75	103	2228	2194	105	333	337	11344	11646	34.3	34.6	17.54	17.78	0.90	0.92	73	76	4.1	3.8	4.0	4.1	3.8	3.7	2.7	2.5	MG
Crystal 260	2	64.91	63.05	102	2219	2172	104	331	335	11333	11571	34.4	34.6	17.48	17.74	0.95	0.97	70	78	3.6	3.4	3.6	3.8	3.8	3.8	2.6	2.5	MG
BTS 8927	5	65.76	64.27	104	2215	2170	104	333	339	11262	11471	34.0	33.9	17.63	17.93	0.98	0.98	73	79	4.2	4.3	3.7	4.0	3.9	3.7	2.2	2.1	MG
Crystal 369	1	63.41	62.00	100	2214	2158	103	327	332	11445	11585	35.2	34.9	17.43	17.74	1.10	1.11	68	75	3.9	4.0	3.4	3.4	4.3	4.5	2.3	2.3	MG
Hilleshög HIL2493 **	NC	60.14	58.67	95	2164	2157	103	318	323	11486	11910	36.3	37.0	16.95	17.21	1.06	1.06	73	77	4.6	4.7	4.3	4.2	3.6	3.7	4.4	4.6	MG
Crystal 793	7	64.00	62.37	101	2220	2156	103	328	334	11427	11542	35.0	34.7	17.40	17.68	0.99	1.00	75	78	4.0	4.1	3.2	3.4	4.2	4.0	2.5	2.4	MG
SV 231	1	60.80	58.69	95	2179	2147	103	320	323	11491	11833	36.1	36.6	17.02	17.20	1.04	1.05	75	79	4.7	4.8	4.1	4.3	3.8	3.8	5.1	4.8	MG
Crystal 130	3	64.94	62.63	101	2213	2145	103	331	334	11312	11464	34.4	34.4	17.54	17.72	1.00	1.02	71	76	4.3	3.9	3.5	3.6	3.8	3.7	2.6	2.7	MG
BTS 8018	4	62.57	61.20	99	2179	2140	103	324	330	11348	11576	35.2	35.1	17.23	17.52	1.01	1.01	75	79	3.9	3.6	3.5	3.6	3.8	3.8	2.4	2.3	MG
SV 345 **	NC	60.41	57.76	93	2147	2138	103	318	320	11366	11891	35.9	37.2	17.00	17.08	1.07	1.07	69	78	4.8	4.9	4.1	4.2	3.6	3.5	4.9	4.6	MG
Crystal 022	4	67.03	64.74	105	2216	2130	102	336	340	11185	11219	33.4	33.1	17.80	18.00	0.98	0.99	74	77	4.8	4.7	3.3	3.6	3.9	3.7	2.3	2.5	MG
BTS 8270	2	65.80	63.06	102	2189	2127	102	333	335	11114	11340	33.5	33.9	17.64	17.78	0.99	1.02	65	72	3.6	3.4	3.6	3.7	3.9	3.9	2.3	2.3	MG
Crystal 364	NC	60.09	58.58	95	2162	2122	102	318	323	11497	11724	36.5	36.5	16.96	17.21	1.07	1.08	78	81	4.4	4.4	3.4	3.6	3.6	3.7	2.2	2.2	MG
Crystal 138	2	65.28	62.18	100	2216	2120	102	332	333	11297	11361	34.2	34.2	17.59	17.68	1.00	1.04	68	73	4.5	4.6	3.6	3.7	3.8	3.7	2.6	2.8	MG
BTS 8365	1	67.89	66.20	107	2151	2120	102	339	344	10770	11051	31.9	32.1	17.91	18.19	0.98	0.96	64	72	4.0	4.1	3.7	3.8	3.7	3.7	2.6	2.4	MG
SX 1835 **	1	59.93	57.94	94	2160	2110	101	317	321	11469	11703	36.3	36.5	16.96	17.16	1.10	1.12	72	79	4.6	4.6	4.4	4.4	3.8	3.9	4.7	4.1	MG
Crystal 912	4	57.95	55.64	90	2174	2105	101	312	314	11742	11896	37.8	37.9	16.66	16.79	1.07	1.09	74	79	5.0	5.0	3.3	3.4	3.1	3.3	4.2	3.9	MG
Hilleshög HIL2389	3	63.20	61.65	100	2116	2089	100	326	331	10945	11243	33.7	34.0	17.31	17.58	1.01	1.01	67	76	4.5	4.6	3.8	3.7	4.0	4.0	5.4	5.5	MG
SX 1815	3	62.66	61.52	99	2097	2084	100	325	331	10925	11244	33.9	34.0	17.25	17.58	1.02	1.02	65	74	4.7	4.7	4.3	4.1	4.1	4.2	6.1	5.8	MG
BTS 8156	3	62.42	60.42	98	2130	2073	99	324	328	11082	11260	34.3	34.4	17.27	17.47	1.07	1.07	70	76	4.4	4.1	3.6	3.9	4.4	4.3	2.4	2.3	MG
Maribo MA717	7	59.56	57.69	93	2065	2022	97	316	320	11043	11260	35.2	35.3	16.89	17.08	1.08	1.08	64	72	4.8	4.8	4.9	4.5	3.9	4.0	5.1	4.7	MG
BTS 8034	4	58.73	57.30	93	2051	2015	97	314	319	11001	11239	35.2	35.3	16.83	17.09	1.14	1.15	67	76	4.3	4.0	3.5	4.0	4.2	4.3	2.3	2.1	MG
Hilleshög HIL2480 **	1	60.90	59.58	96	2052	1969	94	320	326	10818	10772	34.0	33.2	17.19	17.48	1.20	1.20	69	74	4.2	4.2	4.1	4.2	3.4	3.5	2.6	2.8	MG
Hilleshög HIL2479	1	62.71	61.64	100	2067	1968	94	325	332	10751	10601	33.2	32.1	17.30	17.64	1.06	1.06	72	75	4.2	4.2	4.2	4.5	3.5	3.9	4.5	4.5	MG
Benchmark var. mean		64.15	61.90		2150	2085		329	332	11049	11201	33.8	33.8	17.44	17.64	1.01	1.03	71	78									

Excellent

V.Good

Caution

Weak

+++ 2025 Sites include Casselton, Averill, Perley, Ada, Caledonia, Scandia, Reynolds, Alvarado, Stephen, St Thomas, Northcote, and Bathgate

+++ 2024 Sites include Casselton, Averill, Ada, Hillsboro, Climax, Grand Forks, Scandia, Forest River, Alvarado, St Thomas, Hallock, and Bathgate

++ 2025 Revenue estimate based on a \$60.97 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses and 2024 Revenue estimate based on a \$54.53 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses.

+ Emergence is % of planted seeds producing a 4 leaf beet.

** Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

* 2025 Cercospora from Saginaw MI, Randolph MN, Averill MN, Caledonia ND and Stephen MN (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN and Glyndon MN (res.<4.0, susc>4.8).

Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0). MG indicates muligenic resistance to Rhizomania.

* 2024 Cercospora from Saginaw MI, Randolph MN, Foxhome MN, Averill MN and Forest River ND (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN, Glyndon MN, and Perley MN (res.<4.0, susc>4.8).

Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0).

Created 10/22/2025

Performance Data of RR Varieties Approved for the 2026 Season - Sorted by Cercospora

Variety	Yrs Com	Rev/Ton ++			Rev/Acre ++			Rec/Ton		Rec/Acre		Yield		Sugar		Molasses		Emergence +		Cerc. *		Aphan. *		Rhizoc. *		Fusarium *		Rzm *
		25	2 Yr	2Y%	25	2 Yr	2Y%	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr			
		12	24		12	24		12	24	12	24	12	24	12	24	12	24	12	24	5	10	2	5	4	8	2	4	
Number of locations →		25	24		25	24		25	24	25	24	25	24	25	24	25	24	25	24	5	10	2	5	4	8	2	4	
BTS 8440	NC	67.86	64.75	105	2290	2197	105	339	340	11469	11564	34.0	34.1	17.86	17.94	0.92	0.94	74	78	3.2	3.0	3.6	3.8	3.8	3.7	2.5	2.7	MG
Crystal 260	2	64.91	63.05	102	2219	2172	104	331	335	11333	11571	34.4	34.6	17.48	17.74	0.95	0.97	70	78	3.6	3.4	3.6	3.8	3.8	3.8	2.6	2.5	MG
BTS 8270	2	65.80	63.06	102	2189	2127	102	333	335	11114	11340	33.5	33.9	17.64	17.78	0.99	1.02	65	72	3.6	3.4	3.6	3.7	3.9	3.9	2.3	2.3	MG
Crystal 361	1	67.32	64.21	104	2282	2200	106	337	339	11455	11623	34.1	34.4	17.80	17.90	0.94	0.98	74	77	3.7	3.5	3.1	3.5	4.0	3.9	2.3	2.2	MG
BTS 8018	4	62.57	61.20	99	2179	2140	103	324	330	11348	11576	35.2	35.1	17.23	17.52	1.01	1.01	75	79	3.9	3.6	3.5	3.6	3.8	3.8	2.4	2.3	MG
BTS 8226	2	66.83	65.01	105	2256	2201	106	336	341	11373	11568	34.0	34.0	17.74	18.01	0.95	0.96	73	77	4.1	3.8	3.4	3.6	3.6	3.5	2.9	2.8	MG
Crystal 471	NC	66.82	64.59	104	2251	2204	106	336	340	11370	11631	34.0	34.3	17.74	17.96	0.95	0.97	69	75	4.1	3.8	3.6	3.8	3.9	3.8	2.4	2.3	MG
BTS 8457	NC	65.74	63.75	103	2228	2194	105	333	337	11344	11646	34.3	34.6	17.54	17.78	0.90	0.92	73	76	4.1	3.8	4.0	4.1	3.8	3.7	2.7	2.5	MG
Crystal 130	3	64.94	62.63	101	2213	2145	103	331	334	11312	11464	34.4	34.4	17.54	17.72	1.00	1.02	71	76	4.3	3.9	3.5	3.6	3.8	3.7	2.6	2.7	MG
Crystal 369	1	63.41	62.00	100	2214	2158	103	327	332	11445	11585	35.2	34.9	17.43	17.74	1.10	1.11	68	75	3.9	4.0	3.4	3.4	4.3	4.5	2.3	2.3	MG
Crystal 470	NC	63.15	60.93	98	2247	2196	105	326	329	11623	11883	35.8	36.1	17.29	17.47	0.98	1.00	73	78	4.2	4.0	3.7	3.7	3.8	3.8	2.7	2.5	MG
BTS 8034	4	58.73	57.30	93	2051	2015	97	314	319	11001	11239	35.2	35.3	16.83	17.09	1.14	1.15	67	76	4.3	4.0	3.5	4.0	4.2	4.3	2.3	2.1	MG
BTS 8365	1	67.89	66.20	107	2151	2120	102	339	344	10770	11051	31.9	32.1	17.91	18.19	0.98	0.96	64	72	4.0	4.1	3.7	3.8	3.7	3.7	2.6	2.4	MG
BTS 8156	3	62.42	60.42	98	2130	2073	99	324	328	11082	11260	34.3	34.4	17.27	17.47	1.07	1.07	70	76	4.4	4.1	3.6	3.9	4.4	4.3	2.4	2.3	MG
Crystal 793	7	64.00	62.37	101	2220	2156	103	328	334	11427	11542	35.0	34.7	17.40	17.68	0.99	1.00	75	78	4.0	4.1	3.2	3.4	4.2	4.0	2.5	2.4	MG
Hilleshög HIL2480 **	1	60.90	59.58	96	2052	1969	94	320	326	10818	10772	34.0	33.2	17.19	17.48	1.20	1.20	69	74	4.2	4.2	4.1	4.2	3.4	3.5	2.6	2.8	MG
Hilleshög HIL2479	1	62.71	61.64	100	2067	1968	94	325	332	10751	10601	33.2	32.1	17.30	17.64	1.06	1.06	72	75	4.2	4.2	4.2	4.5	3.5	3.9	4.5	4.5	MG
BTS 8927	5	65.76	64.27	104	2215	2170	104	333	339	11262	11471	34.0	33.9	17.63	17.93	0.98	0.98	73	79	4.2	4.3	3.7	4.0	3.9	3.7	2.2	2.1	MG
Crystal 364	NC	60.09	58.58	95	2162	2122	102	318	323	11497	11724	36.5	36.5	16.96	17.21	1.07	1.08	78	81	4.4	4.4	3.4	3.6	3.6	3.7	2.2	2.2	MG
Crystal 269	2	65.76	64.28	104	2253	2196	105	333	339	11455	11612	34.5	34.3	17.74	18.04	1.09	1.09	69	73	4.4	4.5	3.1	3.3	4.1	4.2	2.3	2.4	MG
Hilleshög HIL2389	3	63.20	61.65	100	2116	2089	100	326	331	10945	11243	33.7	34.0	17.31	17.58	1.01	1.01	67	76	4.5	4.6	3.8	3.7	4.0	4.0	5.4	5.5	MG
Crystal 138	2	65.28	62.18	100	2216	2120	102	332	333	11297	11361	34.2	34.2	17.59	17.68	1.00	1.04	68	73	4.5	4.6	3.6	3.7	3.8	3.7	2.6	2.8	MG
SX 1835 **	1	59.93	57.94	94	2160	2110	101	317	321	11469	11703	36.3	36.5	16.96	17.16	1.10	1.12	72	79	4.6	4.6	4.4	4.4	3.8	3.9	4.7	4.1	MG
SX 1815	3	62.66	61.52	99	2097	2084	100	325	331	10925	11244	33.9	34.0	17.25	17.58	1.02	1.02	65	74	4.7	4.7	4.3	4.1	4.1	4.2	6.1	5.8	MG
Crystal 022	4	67.03	64.74	105	2216	2130	102	336	340	11185	11219	33.4	33.1	17.80	18.00	0.98	0.99	74	77	4.8	4.7	3.3	3.6	3.9	3.7	2.3	2.5	MG
Hilleshög HIL2493 **	NC	60.14	58.67	95	2164	2157	103	318	323	11486	11910	36.3	37.0	16.95	17.21	1.06	1.06	73	77	4.6	4.7	4.3	4.2	3.6	3.7	4.4	4.6	MG
SV 231	1	60.80	58.69	95	2179	2147	103	320	323	11491	11833	36.1	36.6	17.02	17.20	1.04	1.05	75	79	4.7	4.8	4.1	4.3	3.8	3.8	5.1	4.8	MG
Maribo MA717	7	59.56	57.69	93	2065	2022	97	316	320	11043	11260	35.2	35.3	16.89	17.08	1.08	1.08	64	72	4.8	4.8	4.9	4.5	3.9	4.0	5.1	4.7	MG
SV 345 **	NC	60.41	57.76	93	2147	2138	103	318	320	11366	11891	35.9	37.2	17.00	17.08	1.07	1.07	69	78	4.8	4.9	4.1	4.2	3.6	3.5	4.9	4.6	MG
Crystal 912	4	57.95	55.64	90	2174	2105	101	312	314	11742	11896	37.8	37.9	16.66	16.79	1.07	1.09	74	79	5.0	5.0	3.3	3.4	3.1	3.3	4.2	3.9	MG
Benchmark var. mean		64.15	61.90		2150	2085		329	332	11049	11201	33.8	33.8	17.44	17.64	1.01	1.03	71	78									

Excellent

V.Good

Caution

Weak

+++ 2025 Sites include Casselton, Averill, Perley, Ada, Caledonia, Scandia, Reynolds, Alvarado, Stephen, St Thomas, Northcote, and Bathgate

+++ 2024 Sites include Casselton, Averill, Ada, Hillsboro, Climax, Grand Forks, Scandia, Forest River, Alvarado, St Thomas, Hallock, and Bathgate

++ 2025 Revenue estimate based on a \$60.97 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses and 2024 Revenue estimate based on a \$54.53 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses.

+ Emergence is % of planted seeds producing a 4 leaf beet.

** Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

* 2025 Cercospora from Saginaw MI, Randolph MN, Averill MN, Caledonia ND and Stephen MN (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN and Glyndon MN (res.<4.0, susc>4.8).

Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0). MG indicates muligenic resistance to Rhizomania.

* 2024 Cercospora from Saginaw MI, Randolph MN, Foxhome MN, Averill MN and Forest River ND (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN, Glyndon MN, and Perley MN (res.<4.0, susc>4.8).

Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0).

Created 10/22/2025

Performance Data of RR Varieties Approved for the 2026 Season - Sorted by Aphanomyces

Variety	Yrs Com	Rev/Ton ++			Rev/Acre ++			Rec/Ton		Rec/Acre		Yield		Sugar		Molasses		Emergence +		Cerc. *		Aphan. *		Rhizoc. *		Fusarium *		Rzm *
		25	2 Yr	2Y%	25	2 Yr	2Y%	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr			
Number of locations →		12	24		12	24		12	24	12	24	12	24	12	24	12	24	12	24	5	10	2	5	4	8	2	4	
Crystal 269	2	65.76	64.28	104	2253	2196	105	333	339	11455	11612	34.5	34.3	17.74	18.04	1.09	1.09	69	73	4.4	4.5	3.1	3.3	4.1	4.2	2.3	2.4	MG
Crystal 369	1	63.41	62.00	100	2214	2158	103	327	332	11445	11585	35.2	34.9	17.43	17.74	1.10	1.11	68	75	3.9	4.0	3.4	3.4	4.3	4.5	2.3	2.3	MG
Crystal 912	4	57.95	55.64	90	2174	2105	101	312	314	11742	11896	37.8	37.9	16.66	16.79	1.07	1.09	74	79	5.0	5.0	3.3	3.4	3.1	3.3	4.2	3.9	MG
Crystal 793	7	64.00	62.37	101	2220	2156	103	328	334	11427	11542	35.0	34.7	17.40	17.68	0.99	1.00	75	78	4.0	4.1	3.2	3.4	4.2	4.0	2.5	2.4	MG
Crystal 361	1	67.32	64.21	104	2282	2200	106	337	339	11455	11623	34.1	34.4	17.80	17.90	0.94	0.98	74	77	3.7	3.5	3.1	3.5	4.0	3.9	2.3	2.2	MG
Crystal 364	NC	60.09	58.58	95	2162	2122	102	318	323	11497	11724	36.5	36.5	16.96	17.21	1.07	1.08	78	81	4.4	4.4	3.4	3.6	3.6	3.7	2.2	2.2	MG
Crystal 130	3	64.94	62.63	101	2213	2145	103	331	334	11312	11464	34.4	34.4	17.54	17.72	1.00	1.02	71	76	4.3	3.9	3.5	3.6	3.8	3.7	2.6	2.7	MG
BTS 8226	2	66.83	65.01	105	2256	2201	106	336	341	11373	11568	34.0	34.0	17.74	18.01	0.95	0.96	73	77	4.1	3.8	3.4	3.6	3.6	3.5	2.9	2.8	MG
BTS 8018	4	62.57	61.20	99	2179	2140	103	324	330	11348	11576	35.2	35.1	17.23	17.52	1.01	1.01	75	79	3.9	3.6	3.5	3.6	3.8	3.8	2.4	2.3	MG
Crystal 022	4	67.03	64.74	105	2216	2130	102	336	340	11185	11219	33.4	33.1	17.80	18.00	0.98	0.99	74	77	4.8	4.7	3.3	3.6	3.9	3.7	2.3	2.5	MG
Hilleshög HIL2389	3	63.20	61.65	100	2116	2089	100	326	331	10945	11243	33.7	34.0	17.31	17.58	1.01	1.01	67	76	4.5	4.6	3.8	3.7	4.0	4.0	5.4	5.5	MG
BTS 8270	2	65.80	63.06	102	2189	2127	102	333	335	11114	11340	33.5	33.9	17.64	17.78	0.99	1.02	65	72	3.6	3.4	3.6	3.7	3.9	3.9	2.3	2.3	MG
Crystal 138	2	65.28	62.18	100	2216	2120	102	332	333	11297	11361	34.2	34.2	17.59	17.68	1.00	1.04	68	73	4.5	4.6	3.6	3.7	3.8	3.7	2.6	2.8	MG
Crystal 470	NC	63.15	60.93	98	2247	2196	105	326	329	11623	11883	35.8	36.1	17.29	17.47	0.98	1.00	73	78	4.2	4.0	3.7	3.7	3.8	3.8	2.7	2.5	MG
BTS 8365	1	67.89	66.20	107	2151	2120	102	339	344	10770	11051	31.9	32.1	17.91	18.19	0.98	0.96	64	72	4.0	4.1	3.7	3.8	3.7	3.7	2.6	2.4	MG
Crystal 471	NC	66.82	64.59	104	2251	2204	106	336	340	11370	11631	34.0	34.3	17.74	17.96	0.95	0.97	69	75	4.1	3.8	3.6	3.8	3.9	3.8	2.4	2.3	MG
BTS 8440	NC	67.86	64.75	105	2290	2197	105	339	340	11469	11564	34.0	34.1	17.86	17.94	0.92	0.94	74	78	3.2	3.0	3.6	3.8	3.8	3.7	2.5	2.7	MG
Crystal 260	2	64.91	63.05	102	2219	2172	104	331	335	11333	11571	34.4	34.6	17.48	17.74	0.95	0.97	70	78	3.6	3.4	3.6	3.8	3.8	3.8	2.6	2.5	MG
BTS 8156	3	62.42	60.42	98	2130	2073	99	324	328	11082	11260	34.3	34.4	17.27	17.47	1.07	1.07	70	76	4.4	4.1	3.6	3.9	4.4	4.3	2.4	2.3	MG
BTS 8034	4	58.73	57.30	93	2051	2015	97	314	319	11001	11239	35.2	35.3	16.83	17.09	1.14	1.15	67	76	4.3	4.0	3.5	4.0	4.2	4.3	2.3	2.1	MG
BTS 8927	5	65.76	64.27	104	2215	2170	104	333	339	11262	11471	34.0	33.9	17.63	17.93	0.98	0.98	73	79	4.2	4.3	3.7	4.0	3.9	3.7	2.2	2.1	MG
SX 1815	3	62.66	61.52	99	2097	2084	100	325	331	10925	11244	33.9	34.0	17.25	17.58	1.02	1.02	65	74	4.7	4.7	4.3	4.1	4.1	4.2	6.1	5.8	MG
BTS 8457	NC	65.74	63.75	103	2228	2194	105	333	337	11344	11646	34.3	34.6	17.54	17.78	0.90	0.92	73	76	4.1	3.8	4.0	4.1	3.8	3.7	2.7	2.5	MG
SV 345 **	NC	60.41	57.76	93	2147	2138	103	318	320	11366	11891	35.9	37.2	17.00	17.08	1.07	1.07	69	78	4.8	4.9	4.1	4.2	3.6	3.5	4.9	4.6	MG
Hilleshög HIL2493 **	NC	60.14	58.67	95	2164	2157	103	318	323	11486	11910	36.3	37.0	16.95	17.21	1.06	1.06	73	77	4.6	4.7	4.3	4.2	3.6	3.7	4.4	4.6	MG
Hilleshög HIL2480 **	1	60.90	59.58	96	2052	1969	94	320	326	10818	10772	34.0	33.2	17.19	17.48	1.20	1.20	69	74	4.2	4.2	4.1	4.2	3.4	3.5	2.6	2.8	MG
SV 231	1	60.80	58.69	95	2179	2147	103	320	323	11491	11833	36.1	36.6	17.02	17.20	1.04	1.05	75	79	4.7	4.8	4.1	4.3	3.8	3.8	5.1	4.8	MG
SX 1835 **	1	59.93	57.94	94	2160	2110	101	317	321	11469	11703	36.3	36.5	16.96	17.16	1.10	1.12	72	79	4.6	4.6	4.4	4.4	3.8	3.9	4.7	4.1	MG
Hilleshög HIL2479	1	62.71	61.64	100	2067	1968	94	325	332	10751	10601	33.2	32.1	17.30	17.64	1.06	1.06	72	75	4.2	4.2	4.2	4.5	3.5	3.9	4.5	4.5	MG
Maribo MA717	7	59.56	57.69	93	2065	2022	97	316	320	11043	11260	35.2	35.3	16.89	17.08	1.08	1.08	64	72	4.8	4.8	4.9	4.5	3.9	4.0	5.1	4.7	MG
Benchmark var. mean		64.15	61.90		2150	2085		329	332	11049	11201	33.8	33.8	17.44	17.64	1.01	1.03	71	78									

Excellent

V.Good

Caution

Weak

+++ 2025 Sites include Casselton, Averill, Perley, Ada, Caledonia, Scandia, Reynolds, Alvarado, Stephen, St Thomas, Northcote, and Bathgate

+++ 2024 Sites include Casselton, Averill, Ada, Hillsboro, Climax, Grand Forks, Scandia, Forest River, Alvarado, St Thomas, Hallock, and Bathgate

++ 2025 Revenue estimate based on a \$60.97 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses and 2024 Revenue estimate based on a \$54.53 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses.

+ Emergence is % of planted seeds producing a 4 leaf beet.

** Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

* 2025 Cercospora from Saginaw MI, Randolph MN, Averill MN, Caledonia ND and Stephen MN (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN and Glyndon MN (res.<4.0, susc>4.8).

Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0). MG indicates muligenic resistance to Rhizomania.

* 2024 Cercospora from Saginaw MI, Randolph MN, Foxhome MN, Averill MN and Forest River ND (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN, Glyndon MN, and Perley MN (res.<4.0, susc>4.8).

Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0).

Created 10/22/2025

Performance Data of RR Varieties Approved for the 2026 Season - Sorted by Rhizoctonia

Variety	Yrs Com	Rev/Ton ++			Rev/Acre ++			Rec/Ton		Rec/Acre		Yield		Sugar		Molasses		Emergence +		Cerc. *		Aphan. *		Rhizoc. *		Fusarium *		Rzm *
		25	2 Yr	2Y%	25	2 Yr	2Y%	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	
Number of locations →		12	24		12	24		12	24	12	24	12	24	12	24	12	24	12	24	5	10	2	5	4	8	2	4	
Crystal 912	4	57.95	55.64	90	2174	2105	101	312	314	11742	11896	37.8	37.9	16.66	16.79	1.07	1.09	74	79	5.0	5.0	3.3	3.4	3.1	3.3	4.2	3.9	MG
Hilleshög HIL2480 **	1	60.90	59.58	96	2052	1969	94	320	326	10818	10772	34.0	33.2	17.19	17.48	1.20	1.20	69	74	4.2	4.2	4.1	4.2	3.4	3.5	2.6	2.8	MG
SV 345 **	NC	60.41	57.76	93	2147	2138	103	318	320	11366	11891	35.9	37.2	17.00	17.08	1.07	1.07	69	78	4.8	4.9	4.1	4.2	3.6	3.5	4.9	4.6	MG
BTS 8226	2	66.83	65.01	105	2256	2201	106	336	341	11373	11568	34.0	34.0	17.74	18.01	0.95	0.96	73	77	4.1	3.8	3.4	3.6	3.6	3.5	2.9	2.8	MG
BTS 8365	1	67.89	66.20	107	2151	2120	102	339	344	10770	11051	31.9	32.1	17.91	18.19	0.98	0.96	64	72	4.0	4.1	3.7	3.8	3.7	3.7	2.6	2.4	MG
Crystal 130	3	64.94	62.63	101	2213	2145	103	331	334	11312	11464	34.4	34.4	17.54	17.72	1.00	1.02	71	76	4.3	3.9	3.5	3.6	3.8	3.7	2.6	2.7	MG
Crystal 364	NC	60.09	58.58	95	2162	2122	102	318	323	11497	11724	36.5	36.5	16.96	17.21	1.07	1.08	78	81	4.4	4.4	3.4	3.6	3.6	3.7	2.2	2.2	MG
Hilleshög HIL2493 **	NC	60.14	58.67	95	2164	2157	103	318	323	11486	11910	36.3	37.0	16.95	17.21	1.06	1.06	73	77	4.6	4.7	4.3	4.2	3.6	3.7	4.4	4.6	MG
BTS 8927	5	65.76	64.27	104	2215	2170	104	333	339	11262	11471	34.0	33.9	17.63	17.93	0.98	0.98	73	79	4.2	4.3	3.7	4.0	3.9	3.7	2.2	2.1	MG
Crystal 138	2	65.28	62.18	100	2216	2120	102	332	333	11297	11361	34.2	34.2	17.59	17.68	1.00	1.04	68	73	4.5	4.6	3.6	3.7	3.8	3.7	2.6	2.8	MG
BTS 8457	NC	65.74	63.75	103	2228	2194	105	333	337	11344	11646	34.3	34.6	17.54	17.78	0.90	0.92	73	76	4.1	3.8	4.0	4.1	3.8	3.7	2.7	2.5	MG
Crystal 022	4	67.03	64.74	105	2216	2130	102	336	340	11185	11219	33.4	33.1	17.80	18.00	0.98	0.99	74	77	4.8	4.7	3.3	3.6	3.9	3.7	2.3	2.5	MG
BTS 8440	NC	67.86	64.75	105	2290	2197	105	339	340	11469	11564	34.0	34.1	17.86	17.94	0.92	0.94	74	78	3.2	3.0	3.6	3.8	3.8	3.7	2.5	2.7	MG
Crystal 260	2	64.91	63.05	102	2219	2172	104	331	335	11333	11571	34.4	34.6	17.48	17.74	0.95	0.97	70	78	3.6	3.4	3.6	3.8	3.8	3.8	2.6	2.5	MG
BTS 8018	4	62.57	61.20	99	2179	2140	103	324	330	11348	11576	35.2	35.1	17.23	17.52	1.01	1.01	75	79	3.9	3.6	3.5	3.6	3.8	3.8	2.4	2.3	MG
SV 231	1	60.80	58.69	95	2179	2147	103	320	323	11491	11833	36.1	36.6	17.02	17.20	1.04	1.05	75	79	4.7	4.8	4.1	4.3	3.8	3.8	5.1	4.8	MG
Crystal 471	NC	66.82	64.59	104	2251	2204	106	336	340	11370	11631	34.0	34.3	17.74	17.96	0.95	0.97	69	75	4.1	3.8	3.6	3.8	3.9	3.8	2.4	2.3	MG
Crystal 470	NC	63.15	60.93	98	2247	2196	105	326	329	11623	11883	35.8	36.1	17.29	17.47	0.98	1.00	73	78	4.2	4.0	3.7	3.7	3.8	3.8	2.7	2.5	MG
BTS 8270	2	65.80	63.06	102	2189	2127	102	333	335	11114	11340	33.5	33.9	17.64	17.78	0.99	1.02	65	72	3.6	3.4	3.6	3.7	3.9	3.9	2.3	2.3	MG
Hilleshög HIL2479	1	62.71	61.64	100	2067	1968	94	325	332	10751	10601	33.2	32.1	17.30	17.64	1.06	1.06	72	75	4.2	4.2	4.2	4.5	3.5	3.9	4.5	4.5	MG
Crystal 361	1	67.32	64.21	104	2282	2200	106	337	339	11455	11623	34.1	34.4	17.80	17.90	0.94	0.98	74	77	3.7	3.5	3.1	3.5	4.0	3.9	2.3	2.2	MG
SX 1835 **	1	59.93	57.94	94	2160	2110	101	317	321	11469	11703	36.3	36.5	16.96	17.16	1.10	1.12	72	79	4.6	4.6	4.4	4.4	3.8	3.9	4.7	4.1	MG
Crystal 793	7	64.00	62.37	101	2220	2156	103	328	334	11427	11542	35.0	34.7	17.40	17.68	0.99	1.00	75	78	4.0	4.1	3.2	3.4	4.2	4.0	2.5	2.4	MG
Hilleshög HIL2389	3	63.20	61.65	100	2116	2089	100	326	331	10945	11243	33.7	34.0	17.31	17.58	1.01	1.01	67	76	4.5	4.6	3.8	3.7	4.0	4.0	5.4	5.5	MG
Maribo MA717	7	59.56	57.69	93	2065	2022	97	316	320	11043	11260	35.2	35.3	16.89	17.08	1.08	1.08	64	72	4.8	4.8	4.9	4.5	3.9	4.0	5.1	4.7	MG
Crystal 269	2	65.76	64.28	104	2253	2196	105	333	339	11455	11612	34.5	34.3	17.74	18.04	1.09	1.09	69	73	4.4	4.5	3.1	3.3	4.1	4.2	2.3	2.4	MG
SX 1815	3	62.66	61.52	99	2097	2084	100	325	331	10925	11244	33.9	34.0	17.25	17.58	1.02	1.02	65	74	4.7	4.7	4.3	4.1	4.1	4.2	6.1	5.8	MG
BTS 8034	4	58.73	57.30	93	2051	2015	97	314	319	11001	11239	35.2	35.3	16.83	17.09	1.14	1.15	67	76	4.3	4.0	3.5	4.0	4.2	4.3	2.3	2.1	MG
BTS 8156	3	62.42	60.42	98	2130	2073	99	324	328	11082	11260	34.3	34.4	17.27	17.47	1.07	1.07	70	76	4.4	4.1	3.6	3.9	4.4	4.3	2.4	2.3	MG
Crystal 369	1	63.41	62.00	100	2214	2158	103	327	332	11445	11585	35.2	34.9	17.43	17.74	1.10	1.11	68	75	3.9	4.0	3.4	3.4	4.3	4.5	2.3	2.3	MG
Benchmark var. mean		64.15	61.90		2150	2085		329	332	11049	11201	33.8	33.8	17.44	17.64	1.01	1.03	71	78									

Excellent

V.Good

Caution

Weak

+++ 2025 Sites include Casselton, Averill, Perley, Ada, Caledonia, Scandia, Reynolds, Alvarado, Stephen, St Thomas, Northcote, and Bathgate

+++ 2024 Sites include Casselton, Averill, Ada, Hillsboro, Climax, Grand Forks, Scandia, Forest River, Alvarado, St Thomas, Hallock, and Bathgate

++ 2025 Revenue estimate based on a \$60.97 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses and 2024 Revenue estimate based on a \$54.53 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses.

+ Emergence is % of planted seeds producing a 4 leaf beet.

** Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

* 2025 Cercospora from Saginaw MI, Randolph MN, Averill MN, Caledonia ND and Stephen MN (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN and Glyndon MN (res.<4.0, susc>4.8).

Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0). MG indicates muligenic resistance to Rhizomania.

* 2024 Cercospora from Saginaw MI, Randolph MN, Foxhome MN, Averill MN and Forest River ND (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN, Glyndon MN, and Perley MN (res.<4.0, susc>4.8).

Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0).

Created 10/22/2025

Performance Data of RR Varieties Approved for the 2026 Season - Sorted by Fusarium

Variety	Yrs Com	Rev/Ton ++			Rev/Acre ++			Rec/Ton		Rec/Acre		Yield		Sugar		Molasses		Emergence +		Cerc. *		Aphan. *		Rhizoc. *		Fusarium *		Rzm *
		25	2 Yr	2Y%	25	2 Yr	2Y%	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	
Number of locations →		12	24		12	24		12	24	12	24	12	24	12	24	12	24	12	24	5	10	2	5	4	8	2	4	
BTS 8034	4	58.73	57.30	93	2051	2015	97	314	319	11001	11239	35.2	35.3	16.83	17.09	1.14	1.15	67	76	4.3	4.0	3.5	4.0	4.2	4.3	2.3	2.1	MG
BTS 8927	5	65.76	64.27	104	2215	2170	104	333	339	11262	11471	34.0	33.9	17.63	17.93	0.98	0.98	73	79	4.2	4.3	3.7	4.0	3.9	3.7	2.2	2.1	MG
Crystal 361	1	67.32	64.21	104	2282	2200	106	337	339	11455	11623	34.1	34.4	17.80	17.90	0.94	0.98	74	77	3.7	3.5	3.1	3.5	4.0	3.9	2.3	2.2	MG
Crystal 364	NC	60.09	58.58	95	2162	2122	102	318	323	11497	11724	36.5	36.5	16.96	17.21	1.07	1.08	78	81	4.4	4.4	3.4	3.6	3.6	3.7	2.2	2.2	MG
Crystal 471	NC	66.82	64.59	104	2251	2204	106	336	340	11370	11631	34.0	34.3	17.74	17.96	0.95	0.97	69	75	4.1	3.8	3.6	3.8	3.9	3.8	2.4	2.3	MG
BTS 8156	3	62.42	60.42	98	2130	2073	99	324	328	11082	11260	34.3	34.4	17.27	17.47	1.07	1.07	70	76	4.4	4.1	3.6	3.9	4.4	4.3	2.4	2.3	MG
Crystal 369	1	63.41	62.00	100	2214	2158	103	327	332	11445	11585	35.2	34.9	17.43	17.74	1.10	1.11	68	75	3.9	4.0	3.4	3.4	4.3	4.5	2.3	2.3	MG
BTS 8018	4	62.57	61.20	99	2179	2140	103	324	330	11348	11576	35.2	35.1	17.23	17.52	1.01	1.01	75	79	3.9	3.6	3.5	3.6	3.8	3.8	2.4	2.3	MG
BTS 8270	2	65.80	63.06	102	2189	2127	102	333	335	11114	11340	33.5	33.9	17.64	17.78	0.99	1.02	65	72	3.6	3.4	3.6	3.7	3.9	3.9	2.3	2.3	MG
BTS 8365	1	67.89	66.20	107	2151	2120	102	339	344	10770	11051	31.9	32.1	17.91	18.19	0.98	0.96	64	72	4.0	4.1	3.7	3.8	3.7	3.7	2.6	2.4	MG
Crystal 269	2	65.76	64.28	104	2253	2196	105	333	339	11455	11612	34.5	34.3	17.74	18.04	1.09	1.09	69	73	4.4	4.5	3.1	3.3	4.1	4.2	2.3	2.4	MG
Crystal 793	7	64.00	62.37	101	2220	2156	103	328	334	11427	11542	35.0	34.7	17.40	17.68	0.99	1.00	75	78	4.0	4.1	3.2	3.4	4.2	4.0	2.5	2.4	MG
Crystal 470	NC	63.15	60.93	98	2247	2196	105	326	329	11623	11883	35.8	36.1	17.29	17.47	0.98	1.00	73	78	4.2	4.0	3.7	3.7	3.8	3.8	2.7	2.5	MG
Crystal 260	2	64.91	63.05	102	2219	2172	104	331	335	11333	11571	34.4	34.6	17.48	17.74	0.95	0.97	70	78	3.6	3.4	3.6	3.8	3.8	3.8	2.6	2.5	MG
BTS 8457	NC	65.74	63.75	103	2228	2194	105	333	337	11344	11646	34.3	34.6	17.54	17.78	0.90	0.92	73	76	4.1	3.8	4.0	4.1	3.8	3.7	2.7	2.5	MG
Crystal 022	4	67.03	64.74	105	2216	2130	102	336	340	11185	11219	33.4	33.1	17.80	18.00	0.98	0.99	74	77	4.8	4.7	3.3	3.6	3.9	3.7	2.3	2.5	MG
Crystal 130	3	64.94	62.63	101	2213	2145	103	331	334	11312	11464	34.4	34.4	17.54	17.72	1.00	1.02	71	76	4.3	3.9	3.5	3.6	3.8	3.7	2.6	2.7	MG
BTS 8440	NC	67.86	64.75	105	2290	2197	105	339	340	11469	11564	34.0	34.1	17.86	17.94	0.92	0.94	74	78	3.2	3.0	3.6	3.8	3.8	3.7	2.5	2.7	MG
BTS 8226	2	66.83	65.01	105	2256	2201	106	336	341	11373	11568	34.0	34.0	17.74	18.01	0.95	0.96	73	77	4.1	3.8	3.4	3.6	3.6	3.5	2.9	2.8	MG
Crystal 138	2	65.28	62.18	100	2216	2120	102	332	333	11297	11361	34.2	34.2	17.59	17.68	1.00	1.04	68	73	4.5	4.6	3.6	3.7	3.8	3.7	2.6	2.8	MG
Hilleshög HIL2480 **	1	60.90	59.58	96	2052	1969	94	320	326	10818	10772	34.0	33.2	17.19	17.48	1.20	1.20	69	74	4.2	4.2	4.1	4.2	3.4	3.5	2.6	2.8	MG
Crystal 912	4	57.95	55.64	90	2174	2105	101	312	314	11742	11896	37.8	37.9	16.66	16.79	1.07	1.09	74	79	5.0	5.0	3.3	3.4	3.1	3.3	4.2	3.9	MG
SX 1835 **	1	59.93	57.94	94	2160	2110	101	317	321	11469	11703	36.3	36.5	16.96	17.16	1.10	1.12	72	79	4.6	4.6	4.4	4.4	3.8	3.9	4.7	4.1	MG
Hilleshög HIL2479	1	62.71	61.64	100	2067	1968	94	325	332	10751	10601	33.2	32.1	17.30	17.64	1.06	1.06	72	75	4.2	4.2	4.2	4.5	3.5	3.9	4.5	4.5	MG
Hilleshög HIL2493 **	NC	60.14	58.67	95	2164	2157	103	318	323	11486	11910	36.3	37.0	16.95	17.21	1.06	1.06	73	77	4.6	4.7	4.3	4.2	3.6	3.7	4.4	4.6	MG
SV 345 **	NC	60.41	57.76	93	2147	2138	103	318	320	11366	11891	35.9	37.2	17.00	17.08	1.07	1.07	69	78	4.8	4.9	4.1	4.2	3.6	3.5	4.9	4.6	MG
Maribo MA717	7	59.56	57.69	93	2065	2022	97	316	320	11043	11260	35.2	35.3	16.89	17.08	1.08	1.08	64	72	4.8	4.8	4.9	4.5	3.9	4.0	5.1	4.7	MG
SV 231	1	60.80	58.69	95	2179	2147	103	320	323	11491	11833	36.1	36.6	17.02	17.20	1.04	1.05	75	79	4.7	4.8	4.1	4.3	3.8	3.8	5.1	4.8	MG
Hilleshög HIL2389	3	63.20	61.65	100	2116	2089	100	326	331	10945	11243	33.7	34.0	17.31	17.58	1.01	1.01	67	76	4.5	4.6	3.8	3.7	4.0	4.0	5.4	5.5	MG
SX 1815	3	62.66	61.52	99	2097	2084	100	325	331	10925	11244	33.9	34.0	17.25	17.58	1.02	1.02	65	74	4.7	4.7	4.3	4.1	4.1	4.2	6.1	5.8	MG
Benchmark var. mean		64.15	61.90		2150	2085		329	332	11049	11201	33.8	33.8	17.44	17.64	1.01	1.03	71	78									

Excellent	V.Good	Caution	Weak
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+++ 2025 Sites include Casselton, Averill, Perley, Ada, Caledonia, Scandia, Reynolds, Alvarado, Stephen, St Thomas, Northcote, and Bathgate

+++ 2024 Sites include Casselton, Averill, Ada, Hillsboro, Climax, Grand Forks, Scandia, Forest River, Alvarado, St Thomas, Hallock, and Bathgate

+ 2025 Revenue estimate based on a \$60.97 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses and 2024 Revenue estimate based on a \$54.53 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses.

+ Emergence is % of planted seeds producing a 4 leaf beet.

** Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval .

* 2025 Cercospora from Saginaw MI, Randolph MN, Averill MN, Caledonia ND and Stephen MN (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN and Glyndon MN (res.<4.0, susc>4.8). Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0). MG indicates muligenic resistance to Rhizomania.

* 2024 Cercospora from Saginaw MI, Randolph MN, Foxhome MN, Averill MN and Forest River ND (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN, Glyndon MN, and Perley MN (res.<4.0, susc>4.8). Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0).

Created 10/22/2025

Performance Data of RR Varieties Approved for the 2026 Season - Sorted by Emergence

Variety		Yrs Com	Rev/Ton ++			Rev/Acre ++			Rec/Ton		Rec/Acre		Yield		Sugar		Molasses		Emergence +		Cerc. *		Aphan. *		Rhizoc. *		Fusarium *		Rzm *
			25	2 Yr	2Y%	25	2 Yr	2Y%	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	25	2 Yr	
Number of locations →			12	24		12	24		12	24	12	24	12	24	12	24	12	24	12	24	5	10	2	5	4	8	2	4	
Crystal 364	NC		60.09	58.58	95	2162	2122	102	318	323	11497	11724	36.5	36.5	16.96	17.21	1.07	1.08	78	81	4.4	4.4	3.4	3.6	3.6	3.7	2.2	2.2	MG
BTS 8018	4		62.57	61.20	99	2179	2140	103	324	330	11348	11576	35.2	35.1	17.23	17.52	1.01	1.01	75	79	3.9	3.6	3.5	3.6	3.8	3.8	2.4	2.3	MG
Crystal 912	4		57.95	55.64	90	2174	2105	101	312	314	11742	11896	37.8	37.9	16.66	16.79	1.07	1.09	74	79	5.0	5.0	3.3	3.4	3.1	3.3	4.2	3.9	MG
BTS 8927	5		65.76	64.27	104	2215	2170	104	333	339	11262	11471	34.0	33.9	17.63	17.93	0.98	0.98	73	79	4.2	4.3	3.7	4.0	3.9	3.7	2.2	2.1	MG
SV 231	1		60.80	58.69	95	2179	2147	103	320	323	11491	11833	36.1	36.6	17.02	17.20	1.04	1.05	75	79	4.7	4.8	4.1	4.3	3.8	3.8	5.1	4.8	MG
SX 1835 **	1		59.93	57.94	94	2160	2110	101	317	321	11469	11703	36.3	36.5	16.96	17.16	1.10	1.12	72	79	4.6	4.6	4.4	4.4	3.8	3.9	4.7	4.1	MG
Crystal 793	7		64.00	62.37	101	2220	2156	103	328	334	11427	11542	35.0	34.7	17.40	17.68	0.99	1.00	75	78	4.0	4.1	3.2	3.4	4.2	4.0	2.5	2.4	MG
Crystal 470	NC		63.15	60.93	98	2247	2196	105	326	329	11623	11883	35.8	36.1	17.29	17.47	0.98	1.00	73	78	4.2	4.0	3.7	3.7	3.8	3.8	2.7	2.5	MG
Crystal 260	2		64.91	63.05	102	2219	2172	104	331	335	11333	11571	34.4	34.6	17.48	17.74	0.95	0.97	70	78	3.6	3.4	3.6	3.8	3.8	3.8	2.6	2.5	MG
SV 345 **	NC		60.41	57.76	93	2147	2138	103	318	320	11366	11891	35.9	37.2	17.00	17.08	1.07	1.07	69	78	4.8	4.9	4.1	4.2	3.6	3.5	4.9	4.6	MG
BTS 8440	NC		67.86	64.75	105	2290	2197	105	339	340	11469	11564	34.0	34.1	17.86	17.94	0.92	0.94	74	78	3.2	3.0	3.6	3.8	3.8	3.7	2.5	2.7	MG
Crystal 361	1		67.32	64.21	104	2282	2200	106	337	339	11455	11623	34.1	34.4	17.80	17.90	0.94	0.98	74	77	3.7	3.5	3.1	3.5	4.0	3.9	2.3	2.2	MG
BTS 8226	2		66.83	65.01	105	2256	2201	106	336	341	11373	11568	34.0	34.0	17.74	18.01	0.95	0.96	73	77	4.1	3.8	3.4	3.6	3.6	3.5	2.9	2.8	MG
Hilleshög HIL2493 **	NC		60.14	58.67	95	2164	2157	103	318	323	11486	11910	36.3	37.0	16.95	17.21	1.06	1.06	73	77	4.6	4.7	4.3	4.2	3.6	3.7	4.4	4.6	MG
Crystal 022	4		67.03	64.74	105	2216	2130	102	336	340	11185	11219	33.4	33.1	17.80	18.00	0.98	0.99	74	77	4.8	4.7	3.3	3.6	3.9	3.7	2.3	2.5	MG
BTS 8457	NC		65.74	63.75	103	2228	2194	105	333	337	11344	11646	34.3	34.6	17.54	17.78	0.90	0.92	73	76	4.1	3.8	4.0	4.1	3.8	3.7	2.7	2.5	MG
BTS 8034	4		58.73	57.30	93	2051	2015	97	314	319	11001	11239	35.2	35.3	16.83	17.09	1.14	1.15	67	76	4.3	4.0	3.5	4.0	4.2	4.3	2.3	2.1	MG
BTS 8156	3		62.42	60.42	98	2130	2073	99	324	328	11082	11260	34.3	34.4	17.27	17.47	1.07	1.07	70	76	4.4	4.1	3.6	3.9	4.4	4.3	2.4	2.3	MG
Crystal 130	3		64.94	62.63	101	2213	2145	103	331	334	11312	11464	34.4	34.4	17.54	17.72	1.00	1.02	71	76	4.3	3.9	3.5	3.6	3.8	3.7	2.6	2.7	MG
Hilleshög HIL2389	3		63.20	61.65	100	2116	2089	100	326	331	10945	11243	33.7	34.0	17.31	17.58	1.01	1.01	67	76	4.5	4.6	3.8	3.7	4.0	4.0	5.4	5.5	MG
Crystal 471	NC		66.82	64.59	104	2251	2204	106	336	340	11370	11631	34.0	34.3	17.74	17.96	0.95	0.97	69	75	4.1	3.8	3.6	3.8	3.9	3.8	2.4	2.3	MG
Crystal 369	1		63.41	62.00	100	2214	2158	103	327	332	11445	11585	35.2	34.9	17.43	17.74	1.10	1.11	68	75	3.9	4.0	3.4	3.4	4.3	4.5	2.3	2.3	MG
Hilleshög HIL2479	1		62.71	61.64	100	2067	1968	94	325	332	10751	10601	33.2	32.1	17.30	17.64	1.06	1.06	72	75	4.2	4.2	4.2	4.5	3.5	3.9	4.5	4.5	MG
SX 1815	3		62.66	61.52	99	2097	2084	100	325	331	10925	11244	33.9	34.0	17.25	17.58	1.02	1.02	65	74	4.7	4.7	4.3	4.1	4.1	4.2	6.1	5.8	MG
Hilleshög HIL2480 **	1		60.90	59.58	96	2052	1969	94	320	326	10818	10772	34.0	33.2	17.19	17.48	1.20	1.20	69	74	4.2	4.2	4.1	4.2	3.4	3.5	2.6	2.8	MG
Crystal 138	2		65.28	62.18	100	2216	2120	102	332	333	11297	11361	34.2	34.2	17.59	17.68	1.00	1.04	68	73	4.5	4.6	3.6	3.7	3.8	3.7	2.6	2.8	MG
Crystal 269	2		65.76	64.28	104	2253	2196	105	333	339	11455	11612	34.5	34.3	17.74	18.04	1.09	1.09	69	73	4.4	4.5	3.1	3.3	4.1	4.2	2.3	2.4	MG
BTS 8365	1		67.89	66.20	107	2151	2120	102	339	344	10770	11051	31.9	32.1	17.91	18.19	0.98	0.96	64	72	4.0	4.1	3.7	3.8	3.7	3.7	2.6	2.4	MG
Maribo MA717	7		59.56	57.69	93	2065	2022	97	316	320	11043	11260	35.2	35.3	16.89	17.08	1.08	1.08	64	72	4.8	4.8	4.9	4.5	3.9	4.0	5.1	4.7	MG
BTS 8270	2		65.80	63.06	102	2189	2127	102	333	335	11114	11340	33.5	33.9	17.64	17.78	0.99	1.02	65	72	3.6	3.4	3.6	3.7	3.9	3.9	2.3	2.3	MG
Benchmark var. mean			64.15	61.90		2150	2085		329	332	11049	11201	33.8	33.8	17.44	17.64	1.01	1.03	71	78									

Excellent

V.Good

Caution

Weak

+++ 2025 Sites include Casselton, Averill, Perley, Ada, Caledonia, Scandia, Reynolds, Alvarado, Stephen, St Thomas, Northcote, and Bathgate

+++ 2024 Sites include Casselton, Averill, Ada, Hillsboro, Climax, Grand Forks, Scandia, Forest River, Alvarado, St Thomas, Hallock, and Bathgate

+ 2025 Revenue estimate based on a \$60.97 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses and 2024 Revenue estimate based on a \$54.53 beet payment (5-yr ave) at 17.5% crop with a 1.5% loss to molasses.

+ Emergence is % of planted seeds producing a 4 leaf beet.

** Does not meet Full Market Approval. Meets Aphanomyces and/or Rhizoctonia Specialty Approval.

* 2025 Cercospora from Saginaw MI, Randolph MN, Averill MN, Caledonia ND and Stephen MN (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN and Glyndon MN (res.<4.0, susc>4.8).

Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0). MG indicates muligenic resistance to Rhizomania.

* 2024 Cercospora from Saginaw MI, Randolph MN, Foxhome MN, Averill MN and Forest River ND (res.<4.4, susc>5.0). Aphanomyces ratings from Shakopee MN, Glyndon MN, and Perley MN (res.<4.0, susc>4.8).

Rhizoctonia from Saginaw MI, Moorhead MN (two sites) and Crookston MN (res.<3.8, susc>5). Fusarium from Moorhead MN and Sabin MN (res.<3.0, susc>5.0).

Created 10/22/2025

Key to color highlighting

Disease/Trait	Tolerance/Category	Color	Category levels
Rhizomania	V. Good	L Green	Single gene resistance to Rhizomania
Rhizomania	Excellent	D Green	Multigenic resistance to Rhizomania
Rhizoctonia	Weak	Orange	>5.0
Rhizoctonia	Caution	Yellow	>4.4-5.0
Rhizoctonia	V. Good	L Green	>3.82-4.4
Rhizoctonia	Excellent	D Green	<= 3.82 (specialty criteria)
Aphanomyces	Weak	Orange	>4.8
Aphanomyces	Caution	Yellow	>4.4-4.8
Aphanomyces	V. Good	L Green	>4.0-4.4
Aphanomyces	Excellent	D Green	<= 4.0 (specialty criteria)
Fusarium	Weak	Orange	>5.0
Fusarium	Caution	Yellow	>4.0-5.0
Fusarium	V. Good	L Green	>3.0-4.0
Fusarium	Excellent	D Green	<=3.0
Cercospora	Weak	Orange	>5.0
Cercospora	Caution	Yellow	>4.5-5.0
Cercospora	V. Good	L Green	>4.0-4.5
Cercospora	Excellent	D Green	<=4.0
Emergence	V. Good	L Green	Highest 10 entries
Sugar	V. Good	L Green	Highest 10 entries
Yield	V. Good	L Green	Highest 10 entries
Molasses	V. Good	L Green	Lowest 10 entries
Rec/Acre	V. Good	L Green	Highest 10 entries
Rec/Ton	V. Good	L Green	Highest 10 entries
Rev/Ton	V. Good	L Green	Highest 10 entries
Rev/Acre	V. Good	L Green	Highest 10 entries