

Disease reaction to NCLB and its severity on sweet corn hybrids in evaluations conducted at the University of Illinois^a. Hybrids listed based on average severity in two experiments with least susceptible first.

Sugary and sugar enhancer hybrids	Northern corn leaf blight reaction and severity					
	2009		2010			
	Rxn ^b	% ^c	NLB race 1		NLB race 0	
			Rxn ^b	% ^c	Rxn ^b	% ^c
Accord			3	17	3	21
Mystique	3	21				
Argent	5	29	2	13	4	24
Brocade TSW	5	27	4	20	3	19
Monomoy			3	18	5	27
Double Gem	4	23				
Precious Gem	6	33	4	20	3	18
Lancelot	5	31	5	23	3	20
Saugatuck			5	25	4	25
Synergy	4	25				
Native Gem	5	31	3	19	4	26
Powwow			5	24	5	27
Sensor			5	23	5	28
Manitou			5	25	5	27
Venue			5	26	4	26
Nantasket			5	24	5	30
Bon Appetit TSW			5	26	5	29
Ovation			5	28	5	27
Delectable	6	34	4	20	5	29
Charisma	5	28				
Luscious TSW	5	31	5	26	5	27
Cohasset			5	28	6	33
Ambrosia	5	32	5	29	5	31
Bojangles	5	31				
Absolute	5	32				
Montauk			7	35	5	29
Reflection	6	33				
Temptation	6	33	6	32	6	34
Bon Jour TSW			6	31	7	39
Envoy			7	37	7	37
Rendezvous			7	36	7	39
Sweet Chorus	7	38				
Fastlane			7	37	8	44

Shrunken-2 and HQ sh2 hybrids	Northern corn leaf blight reaction and severity					
	2009		2010			
	Rxn	%	NLB race 1		NLB race 0	
Rxn			%	Rxn	%	
Cavalry	1	9				
Holiday	1	8	2	13	1	7
Legion	1	9	2	11	1	10
282A	2	11				
2178	2	13				
Summer Sweet 8102 R	2	15				
Obsession	2	16				
Obsession	3	18	3	15	2	15
Obsession -R	3	17				
0876 7143			3	19	3	19
Mirai 350 BC	3	19				
278A	3	21				
Bueno			5	26	4	24
Devotion	4	26				
Optimum	5	28	4	22	5	29
How Sweet It Is	5	28				
Tempest	5	28				
Mirai 336 BC	5	31	4	20	6	35
Mirai 351 BC			5	27	5	31
277A	5	32	5	27	6	36
Awesome	7	42	5	23	6	36
Mirai 308 BC	6	35	5	28	7	38
Mirai 311 BC			5	27	8	41
Summer Sweet 7102 R	6	34				
Polaris	6	35				
Pick Me			5	29	8	42
Candy Corner	6	36				
Crossfire			6	31	8	41
Bonfire			7	35	7	40
2170	7	38	7	37	7	40
BSS 0982	8	44	7	35	8	41
Polaris			7	36	8	45
273A	7	40	8	40	8	45

^a Two races of the NCLB pathogen were examined in 2010. Reports and original, complete data tables posted at <http://sweetcorn.illinois.edu/report-index.html>. These contain additional hybrids, including experimentals, not recognized as being potentially suitable for the northeastern USA, and ratings of susceptibility to other diseases and sensitivity to herbicide injury. Research conducted by Dr. Jerald Pataky.

^b Rxn - classification of hybrid disease reactions: 1 - resistant, 3 - moderately resistant, 5 - moderate, 7 - moderately susceptible, 9 - susceptible

^c Disease rating: 0 to 100% leaf area affected.