Table 4. Reactions of sweet corn hybrids in the University of Illinois disease nursery in 1998

ET	KC	RM	SdCo	Hybrid	Rust		NLB		Stewart's		MDM		SLB		So. rust	
					Rxn	Rate (%)	Rxn	Rate (%)	Rxn	Rate (1-9)	Rxn	Rate (%)	Rxn	Rate (1-9)	Rxn	Rate (1-9)
su	Y	3	Cr	Bolero	0	0	9	45	5	3.6	9	77	5	3.5	9	7.5
su	Y	5	Rog	Bonus	0	0	5*	30	1	1.3	1	11	7	4.8	9	7
su	Y	2	Asg	Chase	5	25	5	38	7	4.2	9	71	5	3.3	9	7.3
su	Y	4	Cr	Conquest	0	0	5	39	5	3	9	79	5	4.5	7	6.5
su	Y		DM	DMC 20-35	0	0	5	33	5	3.3	9	80	3	3.2	9	7
su	Y	2	Sto	Earlivee	5	27	9	47	5	3.9	5	50	7	5	.	.
su	Y	4	Cr	Eliminator	0	0	7	43	1	1.7	1	14	5	4.2	9	7.3
su	Y	5	FM	FMX 427	3	21	5	33	5	2.8	5	40	3	2.5	9	8
su	Y	5	FM	FMX 451	0	0	5	37	5	3.7	9	73	5	3.5	9	7
su	Y	5	FM	FMX 492	0	0	5*	28	5	3.3	9	57	5	3.3	9	7
su	Y	4	Rog	GH 0934-A	5	23	5*	32	1	2	3	29	5	3.7	7	6
su	Y	4	Rog	GH 0937-A	0	0	5*	28	1	2	3	22	5	4	9	7
su	Y	4	Rog	GH 2547	0	0	7	43	5	3.9	5	38	5	4.3	7	6.5
su	Y	5	Rog	GH 2690	0	0	7	43	9	4.6	9	95	5	3.7	7	6.5
su	Y	5	Rog	GH 2783	5	24	5*	33	1	1.3	5	40	5	4.2	7	6.5
su	Y	3	Rog	GH 5023	0	0	9	45	7	4.3	3	20	5	4.2	7	6.8
su	Y	3	Rog	GH 7419	3	21	3*	23	1	1.9	1	13	7	4.8	9	7
su	Y	2	GG	Green Giant Code 3	5	23	9	58	5	3.8	5	39	7	5.2	9	7.5
su	Y	4	GG	Green Giant Code 6	2	17	5	33	3	2.7	1	20	3	3.2	9	7.3
su	Y	4	GG	Green Giant Code 27	3	21	5	29	3	2.1	5	47	5	3.3	7	6.8
su	Y	4	GG	Green Giant Code 37	5	23	5	39	3	2.4	9	51	7	4.7	9	7
su	Y	2	GG	Green Giant Code 49	0	0	9	54	5	3.6	5	46	7	5.2	9	7.8
su	Y	5	GG	Green Giant Code 50	0	0	5	33	5	3.2	3	30	3	3.2	9	7.3
su	Y	1	GG	Green Giant Code 58	0	0	9	62	5	3.8	5	44	5	3.8	9	7.5
su	Y	2	GG	Green Giant Code 59	0	0	5	28	1	1.1	3	23	7	4.8	9	7.5
su	Y	5	GG	Green Giant Code 60	0	0	5	33	3	2.4	3	31	3	3.2	7	6.5
su	Y	5	GG	Green Giant Code 62	0	0	2*	20	3	2.1	3	25	5	4	7	6.5
su	Y	5	GG	Green Giant Code 63	2	16	5	28	1	1.7	3	27	5	3.7	9	7
su	Y	4	GG	Green Giant Code 64	0	0	5	38	3	2.1	9	63	3	3.2	7	6.5
su	Y	4	HM	HMX 5371	0	0	7	41	3	2.1	1	18	5	3.3	9	7
su	Y	3	HM	HMX 5372	0	0	7	43	5	3.3	3	23	5	3.3	9	7
su	Y	4	Cr	Iochief	9	34	9	49	5	3.1	9	77	5	3.8	7	6.8
su	Y	4	Rog	Jubilee	7	27	9	48	9	5.3	9	57	3	2.7	9	7
su	Y	5	FM	Legacy	0	0	9	51	9	4.7	9	73	5	4	9	7
su	Y	4	FM	Lumina	0	0	7*	44	9	5.3	9	84	5	4	9	7
su	Y	1	Asg	Reveille	7	29	9	56	5	3.3	3	20	5	4.2	9	7.5
su	Y	5	Rog	Viking	5	25	7	43	9	4.7	9	83	5	3.5	7	6.8
su	Y		Asg	XP 8410347	0	0	9	47	5	2.9	5	48	3	2.7	7	6.5
su	Y	4	Asg	XP 8410357	0	0	7	43	3	2.4	1	19	5	4.3	9	7

Results based on 1998 data only. Multiple trials provide a better assessment of hybrid reaction.

ET	KC	RM	SdCo	Hybrid	Rust Rxn	Rust Rate (%)	NLB Rxn	NLB Rate (%)	Stewart's Rxn	Stewart's Rate (1-9)	MDM Rxn	MDM Rate (%)	SLB Rxn	SLB Rate (1-9)	So. rust Rxn	So. rust Rate (1-9)
su	Y		Asg	XP 8410357	0	0	7	40	3	2.3	3	32	5	3.8	9	7
su	Y		Asg	XP 8410377	0	0	9	52	5	3.7	5	42	5	3.5	9	7
su	B	5	Cr	6653:93	0	0	5	33	5	3	5	37	5	3.8	7	6.8
su	B	3	Cr	Honey & Cream	7	29	7	41	7	4.1	9	93	5	4.5	9	7.3
su	B	1	Cr	Quickie	7	28	9	61	5	3.7	1	12	7	5	9	8
su	W	5	Rog	Early Cogent	2	17	3	25	5	3	9	73	3	3	7	6
su	W	4	GG	Green Giant Code 24	2	15	5	36	7	4.2	9	64	1	2	7	6.5
su	W	5	GG	Green Giant Code 61	2	14	7	40	9	4.7	9	58	3	2.8	7	6.5
su	W	5	Rog	Silver Queen	9	34	5	30	5	3.2	9	73	5	3.7	9	7
su	W		Rog	Silvertreat	7	28	9	48	5	3.6	9	74	7	5.2	9	7.3
su	W	5	Rog	WH 2801	0	0	7	40	5	3	9	74	5	4.5	9	8.3
se	Y	3	Cr	Amaize	5	22	5	28	5	3.1	3	33	3	2.3	9	7.5
se	Y	3	Cr	Bodacious	5	25	5	36	5	3.1	9	65	5	3.8	9	7.3
se	Y	2	Asg	Champ	5	23	5	39	5	3.3	9	71	7	5.2	9	7
se	Y	2	Cr	Criterion	5	24	9	63	5	3.9	1	10	7	4.7	9	7.8
se	Y	4	HM	Esteem	3	19	5	37	5	3.4	1	17	3	3	9	7
se	Y	4	Rog	GH 2757	3	20	7	41	9	5.2	5	36	5	3.3	9	7
se	Y	4	Rog	GH 2759	0	0	9	48	7	4	5	49	3	3.2	9	7
se	Y	3	Rog	GH 4881	5	24	7	43	5	3	9	52	3	2.3	9	7
se	Y	1	HM	HMX 5346 E R	9	36	9	49	7	4	5	42	5	4.2	9	7.8
se	Y	5	Cr	Incredible	5	22	7	43	5	3.1	9	53	5	3.7	7	6.8
se	Y	4	Cr	Intrigue	0	0	9	45	5	3.9	5	46	5	4.5	9	7.3
se	Y	1	Cr	Lyric	5	24	9	64	5	3.8	3	30	7	5.5	9	7.5
se	Y	5	MM	Merlin	2	16	5	27	1	1.6	5	44	1	2	7	6.5
se	Y	5	Cr	Miracle	3	19	3	26	1	2	9	64	5	3.5	9	7
se	Y	1	Sen	Seneca SX 6507 SEY	3	21	3	21	5	3.1	3	35	9	5.8	9	8
se	Y	1	Sen	Seneca SX 6604 SEY	5	23	3	21	3	2.4	3	26	7	4.8	9	7.5
se	Y	2	Cr	Sugar Buns	5	24	5	28	5	3	9	83	3	3.2	9	7.5
se	Y	1	HM	Sweet Riser	5	26	5	38	5	3.7	9	86	5	3.3	9	7.5
se	Y	5	MM	Tablemaster	7	27	5	27	5	2.8	5	40	5	3.7	5	5.8
se	Y	4	Cr	Terminator	0	0	5	33	1	2	3	34	3	3.2	7	6.8
se	Y	5	HM	Topacio	0	0	5	32	3	2.2	1	3	5	4.3	9	7
se	Y	2	Asg	XPH 3047	7	28	5	38	5	3.4	5	39	9	6.2	9	7
se	Y	3	Asg	XPH 3089	7	28	3	26	9	4.9	5	46	5	3.7	9	7.3
se	Y	3	Asg	XPH 3123	2	18	3	21	3	2.5	9	60	5	3.8	7	6.4
se	B	3	Cr	Ambrosia	5	24	5	28	1	1.9	9	66	7	5.3	9	7
se	B	2	Cr	Athos	7	27	9	59	5	2.9	5	50	7	5.2	.	.
se	B	4	Rog	BC 4885	5	26	5	38	9	4.7	9	61	3	2.5	7	6.5
se	B	2	Cr	D Artagnan	5	25	9	53	5	2.8	9	51	7	5	9	8
se	B	4	Cr	Delectable	5	22	5	30	5	3.3	9	55	3	2.5	9	7.3

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ET	KC	RM	SdCo	Hybrid	Rust Rxn	Rust Rate (%)	NLB Rxn	NLB Rate (%)	Stewart's Rxn	Stewart's Rate (1-9)	MDM Rxn	MDM Rate (%)	SLB Rxn	SLB Rate (1-9)	So. rust Rxn	So. rust Rate (1-9)
se	B	3	HM	Double Choice	3	22	7	43	7	4	9	56	9	6	9	7.5
se	B	2	Sdw	Ecstase II	7	29	3	22	5	3.3	9	63	7	4.8	9	7.8
se	B		Cr	Fleet	2	17	9	67	5	3.4	1	20	3	3.2	9	8
se	B	3	Cr	Mystique	5	25	2	18	3	2.2	9	55	5	3.5	9	7
se	B	3	MM	Parfait	5	25	5	38	3	2.6	9	74	5	4.2	9	7
se	B	1	Sen	Seneca Arrowhead	3	22	5	34	5	3.7	5	49	5	4.3	9	7.5
se	B	4	Sen	Seneca Dancer	5	25	5	32	5	3.2	9	80	3	3.2	7	6.5
se	B	4	Sen	Seneca SV 7403 SEB	5	24	2	18	1	1.7	5	50	5	3.7	7	6.8
se	B	1	Sen	Seneca SX 6101 SEB	2	14	5	32	5	3.6	5	42	7	4.8	9	7.5
se	B	2	Sen	Seneca SX 6402 SEB	3	21	3	26	5	3	3	28	5	4	9	7.8
se	B	2	Sen	Seneca SX 6601 SEB	5	24	7	41	5	2.9	9	64	5	3.5	9	7
se	B	3	Sen	Seneca SX 6803 SEB	3	21	5	38	5	3.4	1	16	5	3.7	9	8.8
se	B	3	Sen	Seneca SX 6804 SEB	3	19	3	23	3	2.7	5	38	5	3.8	7	6.3
se	B	3	Sen	Seneca SX 7004 SEB	5	24	5	33	9	5.2	9	61	5	3.5	.	.
se	B	4	Sen	Seneca SX 7404 SEB	5	25	5	33	3	2.3	5	48	5	3.5	9	7.3
se	B	2	Sen	Seneca Tomahawk	3	22	3	23	5	3.7	5	37	3	3.2	9	7
se	B	2	HS	Sir Prize	7	30	5	33	5	3.8	9	79	5	3.5	7	6.8
se	B	4	Asg	Sunset	3	19	7	42	3	2.1	9	59	3	2.8	7	6.8
se	B	2	Cr	Trinity	7	29	7	42	5	3.3	5	50	5	3.7	9	7.8
se	B	4	Cr	Vanguard	0	0	5	35	5	3.1	3	23	3	3	7	6.5
se	B	3	Asg	Wizard	5	22	5	35	9	4.6	3	30	5	4.3	7	6.8
se	B	2	Asg	XPH 3085	5	24	5	36	5	3.8	9	63	5	3.3	9	7
se	B	2	Asg	XSC 1050 BC	3	20	5	33	5	3.4	5	37	5	4.5	7	6.8
se	B	2	Asg	XSC 1051	3	20	5	34	5	3.6	3	27	5	4	7	6
se	B	1	Asg	XSC 1052	5	23	5	29	5	2.8	3	25	7	5	9	8
se	B	1	Asg	XSC 1054	0	0	7	43	7	4.4	9	88	3	2.8	9	7
se	B	4	Asg	XSC 1055	5	24	5	36	5	3.1	9	89	3	2.3	9	7
se	W		Sdw	95H263	5	24	5	28	5	3.2	9	55	5	4.2	7	6.8
se	W	3	Rog	Alpine	5	24	5	29	5	3.2	3	21	7	4.7	9	7
se	W	4	Cr	Argent	3	22	5	28	3	2.6	9	55	3	3	7	6.5
se	W	4	HM	Brilliance	3	21	5	33	3	2.6	9	84	5	3.3	9	7.3
se	W	3	Asg	EX 8415167	5	26	3	22	5	2.8	1	16	5	4.5	9	7.3
se	W	3	Asg	Fantasia	5	24	7	41	7	4.4	5	44	3	2.8	7	6.5
se	W	3	Cr	Frosty	5	26	7	44	5	3.7	1	20	3	2.8	9	7.5
se	W	3	Cr	Pristine	5	27	7	42	1	1.9	5	43	3	3.2	9	7.3
se	W	2	Sen	Seneca SEnsation	3	21	5	29	5	3.7	9	66	3	3.2	7	6.5
se	W	2	Sen	Seneca SX 6502 SEW	5	26	3	25	1	2	3	31	9	5.7	9	8
se	W	2	Sen	Seneca SX 6702 SEW	3	22	3	23	5	3.7	1	17	5	3.3	9	7.5
se	W	3	Rog	Silver King	3	20	5	38	5	3.8	9	62	3	2.3	9	7
se	W	2	Rog	Silver Princess	5	27	5	34	5	3.6	3	35	3	2.7	9	7.5

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ET	KC	RM	SdCo	Hybrid	Rust Rxn	Rust Rate (%)	NLB Rxn	NLB Rate (%)	Stewart's Rxn	Stewart's Rate (1-9)	MDM Rxn	MDM Rate (%)	SLB Rxn	SLB Rate (1-9)	So. rust Rxn	So. rust Rate (1-9)
se	W	3	Asg	Snowbelle	5	27	9	48	7	4	9	83	5	3.8	9	7
se	W	3	HM	Sweet Ice	7	28	5	35	5	3.7	9	64	3	2.8	9	8
se	W	3	Asg	Viva	9	33	5	33	5	3.3	9	93	5	4.5	9	7.5
se	W	3	Asg	XPH 3113	7	28	5	33	3	2.7	3	22	7	5.2	9	7.8
se	W	3	Asg	XPH 3114	5	25	7	42	7	4.4	5	43	5	4.3	7	6.8
se	R	3	Asg	EX 8410017	3	20	5	31	5	3.6	9	73	3	2.7	5	5.3
sb	B	3	Cr	Bravado	5	22	5	39	5	3.2	9	56	3	2.7	7	6.8
sb	B	4	HM	HMX 5349 WES	9	34	5	33	5	3.1	1	14	3	2.5	9	7
sb	B	4	HM	HMX 6357 S B	7	27	5	32	5	2.9	3	24	5	3.3	9	7
sb	B	5	HM	HMX 7366 BESREC	7	29	5	34	5	3.9	9	87	3	2.7	9	7
sb	B	2	HM	Sweet Chorus	7	29	5	38	7	4	3	21	7	5.5	9	7.8
sh2	Y	5	Sak	92H-18	0	0	5	30	9	4.8	9	58	1	1.5	9	7
sh2	Y	5	Cr	Assure	0	0	5*	33	7	4.2	9	79	3	2.3	9	7
sh2	Y	4	HM	Bandit	0	0	9	48	7	4.3	1	14	3	2.7	9	7
sh2	Y	4	Asg	Brigadier	7	29	3*	22	7	4.3	9	82	3	3	7	6.3
sh2	Y	3	Cr	Contender	0	0	5	33	9	5.4	9	82	1	2	9	7
sh2	Y	4	Cr	Crisp n Sweet 710	7	31	3*	24	5	3.7	9	76	3	2.7	9	7
sh2	Y	4	Cr	Crisp n Sweet 710A	7	29	3*	21	5	2.8	9	78	1	1.5	7	6.8
sh2	Y	4	Cr	Crisp n Sweet 711	7	29	3*	23	5	3.3	9	81	1	2	9	7.3
sh2	Y	4	HM	Day Star	7	29	1	4	5	3.3	9	64	1	1.5	7	6
sh2	Y		Asg	EX 3083	7	28	5*	31	9	4.6	9	85	1	1.8	7	6.8
sh2	Y	4	Asg	EX 8414657	0	0	5	31	5	3.8	9	87	3	2.3	7	6.8
sh2	Y	5	Asg	EX 8414667	0	0	5	36	7	4	9	66	3	2.2	5	5.8
sh2	Y	4	Asg	EX 8414717	0	0	3*	23	5	3.6	9	64	1	1.7	5	5.5
sh2	Y	4	Asg	EX 8414737	0	0	3	26	7	4.1	9	82	1	2	7	6.5
sh2	Y	4	Asg	EX 8415337	5	26	3*	26	5	3.7	9	79	3	2.7	7	6.5
sh2	Y	3	IFS	Early Illini	9	32	5*	33	5	3.2	9	58	5	3.5	9	7.3
sh2	Y	3	Asg	Endeavor	7	30	3*	24	5	3.7	9	81	1	2	7	6.8
sh2	Y	3	FM	FMX 415	5	26	5	34	5	3.4	5	38	1	1.5	7	6.8
sh2	Y	4	Sdw	Flagship	5	24	3*	25	5	3.8	9	57	1	1.5	7	6.3
sh2	Y	5	IFS	Florida Staysweet	7	30	3*	24	5	3.6	9	62	3	2.3	9	7
sh2	Y	3	Rog	GSS 0951-A	0	0	5*	29	5	2.9	9	74	3	2.7	9	7.5
sh2	Y	4	Rog	GSS 0954-A	0	0	5*	32	5	3.7	9	82	1	1.8	7	6.5
sh2	Y	3	Rog	GSS 0966-A	0	0	3*	21	3	2.7	9	66	3	3	7	6.3
sh2	Y	4	Rog	GSS 0975-A	0	0	5	36	9	5.8	9	64	1	1.3	7	6
sh2	Y	3	Rog	GSS 3587	0	0	5*	28	5	2.8	9	82	5	4.2	9	7.5
sh2	Y	3	Rog	GSS 4405	0	0	3*	24	5	4	9	59	3	2.5	9	7
sh2	Y	5	Rog	GSS 4606	3	21	2*	18	5	3.1	9	78	5	3.5	7	6.5
sh2	Y	3	Rog	GSS 9299	0	0	5*	27	1	1.9	9	76	3	2.8	9	7.5
sh2	Y	4	Rog	GSS 9377	0	0	5	38	9	5.7	9	70	3	2.5	7	6.8

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ET	KC	RM	SdCo	Hybrid	Rust Rxn	Rust Rate (%)	NLB Rxn	NLB Rate (%)	Stewart's Rxn	Stewart's Rate (1-9)	MDM Rxn	MDM Rate (%)	SLB Rxn	SLB Rate (1-9)	So. rust Rxn	So. rust Rate (1-9)
sh2	Y	4	Rog	GSS 9532	0	0	5*	32	5	3.2	9	71	3	2.3	9	7.8
sh2	Y	5	Cr	Gallant	7	27	5	35	9	4.6	9	53	3	2.2	7	6.8
sh2	Y	4	FM	Goldilocks	9	38	9	50	5	3.9	9	63	5	3.5	9	7
sh2	Y	4	HM	HMX 3392 S	0	0	7	41	9	5.1	3	26	1	1.5	7	6.5
sh2	Y	4	HM	HMX 5375 S	0	0	5	28	7	4.1	1	14	1	1.5	0	0
sh2	Y	4	HM	HMX 5376 S	0	0	5	38	5	3.8	3	26	3	3	0	0
sh2	Y	3	HM	HMX 6382 S	0	0	5	28	5	3.7	9	73	1	1.5	9	7.3
sh2	Y	4	HM	HMX 6383 S	0	0	5*	33	5	2.8	1	17	3	2.3	5	5.5
sh2	Y		Sak	Honey 420	7	30	3*	23	5	3	9	67	1	2	7	6.3
sh2	Y	4	Cr	Marvel	0	0	5	33	5	3.7	9	67	1	1.8	9	7
sh2	Y	5	HM	Morning Star	0	0	1*	8	5	3.9	9	61	1	1.8	5	5.5
sh2	Y	3	Rog	Prime Plus	0	0	2*	19	5	2.8	9	60	5	4	9	7.3
sh2	Y	4	Rog	Royal Sweet	0	0	5*	38	5	3.8	9	85	5	3.7	7	6.8
sh2	Y	3	Cr	Samson	0	0	5	33	5	2.9	1	14	5	3.3	9	8.3
sh2	Y	4	IFS	Sch 5276	7	30	3*	23	5	3.3	9	76	1	1.7	9	7
sh2	Y	3	IFS	Sch 53642	5	25	3*	24	5	3.3	9	86	3	2.7	9	7
sh2	Y	3	IFS	Sch 53796	7	29	5*	31	5	3.8	9	74	5	3.5	9	7.3
sh2	Y	3	IFS	Sch 63352	7	29	5*	29	7	4.1	9	79	5	3.8	9	7.3
sh2	Y	2	Sen	Seneca SV 7004	9	32	5	33	9	4.9	9	75	1	2	9	7.5
sh2	Y	3	Sen	Seneca SX 7302	7	29	5	34	7	4.1	9	73	3	2.8	9	7.8
sh2	Y	4	Sen	Seneca SX 7601	7	29	5	29	7	4.1	9	73	3	2.2	9	7.3
sh2	Y	4	Asg	Shimmer	0	0	3*	24	5	3.1	9	76	3	2.7	5	5.8
sh2	Y	4	AC	Summer Sweet 7620	7	28	2*	19	5	3.4	9	88	3	2.2	9	7
sh2	Y	4	AC	Summer Sweet 7630	5	26	2*	15	5	3.1	9	76	1	2	9	7.5
sh2	Y	4	AC	Summer Sweet 7710	5	27	2*	13	3	2.2	9	55	1	1.7	9	7
sh2	Y	4	Rog	Supersweet Jubilee	5	25	5	37	9	5.4	9	79	1	1.8	9	7
sh2	Y	3	HM	Swifty	0	0	5*	38	5	3.9	1	16	1	1.5	9	7.3
sh2	Y	5	Cr	Trigger	5	24	3*	23	3	2.7	9	58	1	1.7	5	5.8
sh2	Y		Cr	Triton	0	0	5*	28	5	3.3	9	78	3	3	7	6.8
sh2	Y		UFL	UFB C4439	5	26	1	7	5	3.7	9	79	1	2	9	7.5
sh2	Y	4	HM	Ultimate	5	26	2*	17	3	2.2	5	43	1	1.2	7	6.5
sh2	Y	4	Asg	XPH 3082	5	26	.	.	.	.	9	90	1	1.5	7	6.5
sh2	Y	4	Asg	XSC 1008	0	0	5	31	7	4	9	91	3	2.8	7	6.8
sh2	Y	3	Asg	XSC 1093	0	0	3*	24	5	3.7	9	78	3	2.3	9	7
sh2	B	4	FM	Amaizingly Sweet	0	0	9	50	7	4.4	9	68	1	1.8	7	6.5
sh2	B	3	Rog	BSS 1605	0	0	2*	19	5	3	9	70	5	3.7	9	7.5
sh2	B	5	Rog	BSS 8142	3	20	2*	13	5	3.2	3	26	1	1.5	3	4
sh2	B	3	Rog	BSS 9686	5	26	2*	19	5	3.4	9	56	5	3.8	9	7
sh2	B	3	Sdw	Bicolor Saturn	5	24	5*	39	5	3.7	5	39	5	3.8	9	7.3
sh2	B	4	Asg	Cabaret	5	27	3*	25	5	3.7	9	72	3	2.5	7	6.8

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ET	KC	RM	SdCo	Hybrid	Rust Rxn	Rust Rate (%)	NLB Rxn	NLB Rate (%)	Stewart's Rxn	Stewart's Rate (1-9)	MDM Rxn	MDM Rate (%)	SLB Rxn	SLB Rate (1-9)	So. rust Rxn	So. rust Rate (1-9)
sh2	B	3	HM	Candy Corner	0	0	7	44	7	4	3	33	3	2.3	9	7.5
sh2	B	4	Asg	EX 8414607	0	0	5*	30	3	2.7	9	73	3	2.2	7	6.3
sh2	B	3	IFS	Early Illini BC	7	31	5*	31	5	3.1	9	57	5	3.7	9	7
sh2	B		Cr	Elegant	0	0	5	33	5	3.8	5	41	3	2.5	7	6.8
sh2	B	2	FM	Fantasy	7	28	9	47	9	5	9	70	3	2.7	9	7
sh2	B	4	HM	HMX 0381 BS	0	0	5	39	5	3.8	3	25	3	2.2	7	6.8
sh2	B	3	HM	HMX 5353 BSA	0	0	5	33	5	3.9	5	45	5	3.5	9	7.5
sh2	B	5	HM	HMX 6364 BS	0	0	1	3	5	3.6	1	12	1	1.5	7	6.3
sh2	B	4	Asg	Madonna	7	28	7	41	5	3.3	9	71	5	3.8	9	7
sh2	B	4	Sak	Peter 235	9	34	5	39	9	4.8	3	28	5	3.5	9	7.8
sh2	B	5	Sak	Petercorn	7	29	5	33	9	4.7	9	75	1	2	7	6.8
sh2	B	5	Cr	Phenomenal	5	27	5	32	5	3.6	9	80	3	2.8	7	6.8
sh2	B	2	Asg	Princeton	5	23	5	34	5	3.8	9	66	3	2.3	9	7.5
sh2	B	1	IFS	Sch 66013	9	32	5	33	5	3.4	9	56	5	3.8	9	7
sh2	B	2	IFS	Sch 67512	5	24	5*	29	5	3.9	9	55	3	3.2	7	6.8
sh2	B	3	IFS	Sch 74004	7	30	5	33	5	3.9	5	39	3	2.7	9	7
sh2	B	3	IFS	Sch 74006	7	29	5	37	9	4.8	9	55	5	3.3	9	7.5
sh2	B	2	IFS	Sch 74021	7	27	7	42	5	3.6	9	60	3	3.2	9	7.8
sh2	B	2	IFS	Sch 76001	7	28	3*	26	5	3.7	9	56	3	2.5	7	6.8
sh2	B	3	IFS	Sch 76317	7	29	5	36	7	4.5	9	65	3	2.8	9	7.3
sh2	B	1	IFS	Sch 86126	7	29	5	39	5	3.8	5	36	3	2.8	9	8
sh2	B	2	IFS	Sch 86804	5	26	3*	23	5	3.2	9	53	3	3	9	7.3
sh2	B	1	IFS	Sch 86815	5	27	5	38	7	4.1	1	18	3	2.8	9	8
sh2	B	3	Sen	Seneca SV 7402	7	31	9	49	7	4	9	61	3	3	9	7
sh2	B	5	Sen	Seneca SV 8001	9	34	9	47	9	5	9	79	3	2.5	9	7
sh2	B	4	Sdw	Starship	5	25	3*	22	5	3.4	9	87	1	1.7	9	7
sh2	B	4	AC	Summer Sweet 8102	5	24	3*	23	5	3.8	9	74	1	1.7	7	6.8
sh2	B	5	FM	Twin Picks	5	25	5	39	5	3.6	9	59	3	2.3	7	6.5
sh2	B		UFL	UFB C1352	5	27	5	32	5	3.8	9	58	5	3.7	9	8.5
sh2	B		UFL	UFB C1439R	5	25	3	21	5	3.4	9	84	3	3	7	6.5
sh2	B		UFL	UFB C4468	7	31	5*	28	5	3.4	9	97	3	2.2	7	6.8
sh2	B	5	Asg	XPH 3094	7	30	7	42	7	4	9	69	3	2.3	7	6
sh2	B	5	Asg	XSC 1038	7	28	5	38	5	3.3	9	51	1	1.5	7	6.8
sh2	W	3	Cr	Accolade	7	28	5*	28	7	4.4	9	89	1	2	9	7
sh2	W	5	Asg	EX 8414577	5	26	5	33	7	4.1	5	49	3	2.8	7	6.5
sh2	W	5	Asg	Even Sweeter	7	31	5	37	5	3.9	9	95	3	2.2	9	7.3
sh2	W	4	FM	FMX 413	0	0	5	35	7	4.1	9	84	1	1.7	9	7
sh2	W	3	FM	FMX 414	5	27	5	36	9	4.9	9	63	3	3	.	.
sh2	W	1	IFS	First Class	9	32	5	35	5	3.2	9	56	5	4.2	9	8
sh2	W	1	IFS	First Snow	7	29	5	34	5	3.7	5	50	3	3	9	7.3

Results based on 1998 data only. Multiple trials provide a better assessment of hybrid reaction.

ET	KC	RM	SdCo	Hybrid	Rust Rxn	Rust Rate (%)	NLB Rxn	NLB Rate (%)	Stewart's Rxn	Stewart's Rate (1-9)	MDM Rxn	MDM Rate (%)	SLB Rxn	SLB Rate (1-9)	So. rust Rxn	So. rust Rate (1-9)
sh2	W	4	Asg	Frontier 3030	5	27	5*	30	5	2.9	9	69	3	2.5	9	7
sh2	W	3	HM	HMX 3366 WS	7	30	9	64	5	3.9	5	41	5	3.3	.	.
sh2	W	5	Cr	How Sweet It Is	7	27	5	34	5	3.2	9	72	3	3	7	6.8
sh2	W	3	IFS	Majesty W	9	34	5*	28	5	3.4	9	80	3	3.2	9	7
sh2	W	2	IFS	Nova	9	33	5	30	7	4.4	9	67	5	3.3	9	7.5
sh2	W	5	Cr	Pegasus	5	27	5*	33	7	4.4	9	87	1	1.7	7	6.8
sh2	W	2	IFS	Sch 48512	9	35	5	31	5	3.8	9	80	3	2.5	9	7
sh2	W	2	Sen	Seneca SX 7103 (SSW)	7	30	5	35	5	3.8	5	49	3	3.2	9	7.5
sh2	W	3	Sen	Seneca SX 7401 (SSW)	7	30	7	43	7	4.4	9	78	3	2.3	9	7.5
sh2	W	4	IFS	Snow Storm	5	27	5	34	7	4	9	68	3	2.7	9	7
sh2	W	4	HM	Snow White	9	35	7	43	9	4.9	5	50	3	2.3	9	7.8
sh2	W	4	Asg	Sugar Bowl	5	23	5	33	7	4.3	9	77	1	1.8	7	6.3
sh2	W	4	AC	Summer Sweet 7631	7	30	2*	12	5	3.1	9	64	3	2.2	7	6.8
sh2	W	3	AC	Summer Sweet 781 Ultra	7	30	3	23	5	3.8	9	57	3	2.7	9	7.3
sh2	W	5	IFS	Treasure	7	28	5	31	5	3.8	9	58	3	2.5	7	6.5
sh2	W		UFL	UFB C1429R	5	24	5	32	7	4.3	9	65	1	1.8	9	7
sh2	W	4	Rog	WSS 3681	0	0	5	39	9	5	9	78	1	2	7	6.8
sh2	W	3	Rog	WSS 4185	0	0	5	38	7	4.1	9	67	1	1.8	9	7
sh2	W	2	Rog	WSS 8771	7	30	7	42	7	4.1	5	48	3	2.5	7	6
sh2	W	3	Rog	WSS 9720	0	0	3*	20	5	3.4	9	76	5	3.3	7	6.8
sh2	W	4	Asg	XPH 3092	5	26	5	37	5	3.6	5	46	5	4.3	9	7
sh2	W	4	Asg	XPH 3098	7	29	5*	28	5	3.7	9	84	1	1.5	9	7
bt1	Y	6	HARC	Waimanalo SSwt	0	0	2*	18	5	3.2	9	93	1	1	3	4.8

ET = endosperm type: su - sugary-1, se - sugary enhancer, sb - sweet breed, sh2 - shrunken-2, bt1 - brittle-1
KC = kernel color: B - bicolor, W - white, Y - yellow, R - red('indian corn')
RM = relative maturity estimates from seed source: 1-first early, 2-second early, 3-mid-seseaon, 4-main season, 5-full season
SdCo = Seed source: AC - Abbott & Cobb, Asg - Asgrow (Seminis), Cht - Charter, Cr - Crookham, DM - Del Monte, FM - Ferry Morse (Harris Moran), GG - Green Giant, HARC - Hawaii Agr. Res., HM - Harris Moran, HS - Harris Seed, IFS - Illinois Foundation Seeds, LSC - Liberty Seed, MM - Medsa Maize, Sen - Seneca Hybrids (Seminis), Rog - Rogers Novartis), Sak - Sakata, Sdw - Seedway, Sto - Stokes, and UFL - Univ.of Florida.
Rate - Disease rating: 0 to 9 (southern rust), 1 to 9 (Stewart's wilt, southern leaf blight), 0 to 100 % leaf area infected (common rust, northern leaf blight), and 0 to 100% symptomatic plants (maize dwarf mosaic)
Rxn - classification of hybrid disease reaction: 0 - Rp-resistant, Rpp-resistant, HtN-resistant
1 - Resistant
3 - Moderately resistant
5 - Moderate
7 - Moderately susceptible
9 - Susceptible
* - *Ht1* reaction to race 0 of *E. turcicum*