

Michigan Sugar Company
 Official Variety Trial
 Average of 2 Years Varieties Approved for Sale
 2008

		Nurseries														
		A Lower Number Indicates More Resistance														
Variety		RWSA	RWST	Tons/A	% Suc	% CJP	% Emerg	CLS	Root Aphid		Rhizoc- tonia		Aphano- myces		Rhizo- mania	
Fully Approved	Beta 5930R	7311	254.9	28.58	17.75	93.7	63.1	2.65	2.4	F	4.7	P	4.3	G-	5.2	F
	Beta 5833R	7154	246.6	28.83	16.96	94.4	63.5	3.19	1.7	G	3.6	G	4.3	G-	4.3	G
	SX 1233	7168	250.6	28.45	17.28	93.0	67.6	3.19	2.7	F-	5.1	P	4.2	G	4.2	G
	Crystal R509	7133	245.4	28.89	17.11	93.7	62.5	2.78	1.9	G	3.7	G	4.6	F+	4.6	G-
Limited Approval	SX 1260RR	7724	244.6	31.42	16.91	94.2	71.0	3.18	2.9	F-	4.6	P	4.1	G	3.8	E
	HM 9055RR	7544	248.5	30.24	17.19	94.1	64.2	3.12	3.0	F-	4.8	P	4.0	G	4.8	G-
	HM 9050RR	7498	252.4	29.58	17.51	93.8	64.7	2.73	2.1	G-	4.6	P	4.3	G-	5.0	F
	HM 9042RR	7410	251.7	29.31	17.47	93.8	62.3	2.72	2.4	F	4.3	F	4.1	G	5.2	F
	HM 9051RR	7285	252.0	28.74	17.43	94.0	59.7	2.75	2.4	F	5.0	P	5.0	F	5.0	F
Speciality Variety**																
High Sugar	Crystal RR827*	8267	257.7	31.83	17.76	94.1	65.7	4.13	1.6	E	5.5	P	4.0	G	4.9	G-
High Sugar	BTS 17RR32*	8226	252.2	32.47	17.30	94.4	70.8	3.75	1.5	E	5.0	P	4.0	G	4.2	G
Nematode	Beta 1643N*	7912	250.4	31.41	17.25	94.2	66.2	3.68	1.8	G	5.4	P	3.7	G	4.7	G-
High Sugar	BTS 17RR62*	7830	256.4	30.20	17.59	94.3	58.7	3.88	1.6	E	4.9	P	5.2	P	4.1	G
Roundup	HM 28RR	7638	241.7	31.47	16.75	94.0	71.9	3.11	2.5	F	4.1	F	4.2	G	4.1	G
Roundup	HM 27RR	7489	243.5	30.64	16.95	93.8	70.1	3.15	2.4	F	4.0	G	4.3	G-	4.1	G
Roundup	HM 29RR	7485	243.4	30.59	16.90	93.9	65.8	3.19	2.1	G-	4.2	F	4.3	G-	3.8	E
	LSD (P=.05)	613.8	6.65	2.08	0.35	NS	NS	0.34								
	CV	3.8	1.27	3.25	0.98	0.47	6.48	5.00								
	Means	7567.0	249.50	30.16	17.26	94.00	65.50	3.20								

** Crystal RR824* was also given Special Approval but has only been tested one year.

* There will be an addendum to be signed by growers relating to Cercospora & Rhizoctonia control.