

Michigan Sugar Company
Official Variety Trial
 Jurek, Twining
Rhizoctonia (Tip Rot) Evaluation

No	Variety	RWSA	RWST	% Suc	% CJP	Tons/A	% Emerg	Ft/Plot Gaps*
26	HM 9056RR	5574	260.0	18.45	92.75	21.41	73.4	1.4
29	HM 9039RR	5482	253.6	17.88	93.17	21.57	76.4	0.8
25	HM 9051RR	5466	266.5	18.73	93.12	20.45	70.2	3.4
28	HM 9032RR	5449	242.5	17.63	91.82	22.16	69.1	6.3
10	Crystal R509	5400	249.2	17.72	92.78	21.53	74.0	0.8
24	HM 9042RR	5394	264.2	18.74	92.73	20.46	68.2	2.9
2	HM 79RZ	5316	251.4	18.01	92.39	20.82	71.5	4.1
23	HM 9038RR	5305	248.6	17.63	92.75	21.14	72.0	5.0
27	HM 28RR(9028RR)	5268	249.5	17.99	92.13	21.00	78.1	4.9
36	Crystal RR818	5260	221.7	16.33	91.45	22.65	49.5	14.8
21	HM 27RR(9027RR)	5239	247.2	17.57	92.77	20.55	75.7	3.4
34	BTS 17RR52	5183	228.9	16.74	91.72	22.73	83.6	4.3
3	HM 7172RZ	5163	246.2	17.87	92.07	21.08	78.2	0.8
32	BTS 17RR32	5105	252.1	17.75	93.21	20.25	72.8	11.5
31	HM 9055RR	5027	248.1	17.82	92.32	20.40	73.5	6.0
22	HM 29RR(9029RR)	5013	250.5	18.07	92.09	20.10	75.1	0.5
5	Crystal 355	4985	254.3	18.13	92.60	19.52	77.5	8.3
30	HM 9050RR	4914	259.8	18.68	92.12	18.90	68.2	3.6
13	Beta 5200R	4840	232.3	17.08	91.47	20.78	82.2	8.4
9	Crystal R442	4838	254.9	18.32	92.22	18.92	70.0	10.4
12	Beta 5930R	4693	257.1	18.68	91.61	18.04	67.3	8.6
39	HM 90707RR	4660	239.8	17.35	92.13	19.28	75.9	5.9
1	HM 81RZ(2781RZ)	4621	235.3	17.54	90.77	19.40	75.1	10.1
4	HM 80RZ	4290	258.6	17.99	93.70	16.32	72.5	15.8
11	Beta 5833R	4288	245.4	17.63	92.29	18.02	76.4	8.4
37	Crystal RR827	4278	255.2	18.39	92.46	16.58	70.2	19.9
20	HM 2771Rz	4255	248.0	17.73	92.53	17.06	72.2	11.0
15	Beta 5411R	4249	254.3	18.20	92.38	16.65	69.3	14.5
7	Crystal 271	4007	256.1	18.15	92.80	15.36	69.8	18.4
8	Crystal R757	3974	249.0	17.64	93.03	15.83	79.0	19.6
35	BTS 17RR62	3910	249.8	18.09	91.97	16.37	56.8	14.1
16	Beta 1643N	3832	236.0	17.19	91.99	16.13	80.1	22.8
38	Crystal RR836	3788	230.6	16.99	91.38	16.32	66.3	17.4
19	SX 1233	3779	234.6	16.99	92.06	15.93	82.2	14.5
17	SX 1234	3773	245.0	17.45	92.74	15.02	84.4	19.6
14	Beta 5451	3679	253.0	18.11	92.73	14.41	69.6	21.6
6	Crystal 963	3611	245.0	17.82	91.70	14.33	70.6	20.9
33	BTS 17RR42	3558	229.2	17.04	91.01	15.08	77.6	18.5
18	SX 1235	3430	220.4	16.03	92.12	15.50	82.9	22.1
LSD (P=.05)		919.7	17.6	0.86	1.31	3.21	6.1	7.7
CV		20.2	7.3	4.95	1.45	17.57	8.5	76.0
Grand Mean		4638	246.8	17.75	92.28	18.67	73.3	10.4

* Gaps = Number of feet/plot without beets, highest possible is 55 feet

Trial Quality: Poor for yield trial, good for disease trial

Plant/Harvest: May 3 / Sept 24

Problems: Too many missing beets for a yield trial

Quadris: 6 leaf stage

Leafspot Sprays: 2 Sprays (controlled well)

Reps Used: 8