

Tabel 16
2003 Performance of Varieties - ACS Commercial Coded Test
Halstad, MN

Description @	Code	Rec/T lbs.	Rec/A lbs.	Loss Mol %	Rev/T \$ ++	Rev/A \$ ++	Sugar %	Yield T/A	Na ppm	K ppm	AmN ppm	Vigor+ Rating	Emerg. %	Bolter %
Beta 3800(Aph)	10	324.5	8015	1.12	41.12	1015	17.34	24.70	297	1780	284		78.5	0.00
Beta 3820(Aph)	18	350.3	8628	1.07	47.06	1160	18.59	24.65	199	1802	276		78.5	0.00
Beta 4818R(Aph & Rzm)	30	337.2	8667	1.21	44.03	1131	18.07	25.73	245	2014	314		61.5	0.00
Beta 6225	4	329.9	8349	1.11	42.36	1070	17.60	25.39	267	1743	296		87.4	0.00
Beta 6233	34	350.5	8741	1.22	47.11	1173	18.73	24.99	264	2034	306		76.3	0.00
Beta 6400(Aph)	25	343.5	7888	1.23	45.50	1043	18.41	23.03	251	2075	316		72.6	0.09
Beta 6447	39	354.6	8049	1.18	48.06	1094	18.91	22.61	210	1907	325		69.6	0.00
Beta 6600	15	333.2	8796	1.14	43.12	1138	17.80	26.46	311	1748	304		69.6	0.00
Beta 6610	20	337.8	8432	1.17	44.17	1101	18.06	25.06	259	1907	305		80.7	0.00
Croplan Genetics CL101	8	333.4	8967	1.26	43.16	1161	17.93	26.87	231	2056	347		71.1	0.00
Croplan Genetics CL102	29	331.6	8435	1.17	42.77	1088	17.75	25.43	217	1900	320		68.2	0.00
Croplan Genetics CL311 (111)	31	344.5	8447	1.23	45.72	1121	18.45	24.56	269	1906	345		77.0	0.00
Crystal 723	26	344.0	8373	1.13	45.61	1107	18.32	24.40	221	1887	294		77.0	0.00
Crystal 725	14	335.4	8598	1.12	43.64	1118	17.89	25.63	250	1912	279		88.2	0.00
Crystal 817	41	350.2	8157	1.11	47.04	1096	18.62	23.26	203	1840	298		80.7	0.00
Crystal 820	24	332.4	8521	1.18	42.95	1099	17.80	25.68	293	1849	312		81.5	0.00
Crystal 822	37	347.1	8274	1.13	46.32	1104	18.48	23.82	222	1864	300		77.8	0.00
Crystal 952	19	339.8	8065	1.16	44.64	1059	18.15	23.79	260	1864	312		83.0	0.00
Crystal 955	3	342.4	8756	1.16	45.23	1156	18.28	25.56	243	1874	317		68.9	0.00
Crystal 999	35	347.0	8798	1.13	46.29	1175	18.49	25.33	229	1861	304		76.3	0.00
Crystal R826(Rzm)	9	344.4	7960	1.27	45.71	1055	18.49	23.14	259	2026	349		85.9	0.00
Hilleshog 2093	38	325.3	7978	1.20	41.31	1013	17.47	24.50	205	1999	321		74.8	0.00
Hilleshog 2129	13	337.7	7542	1.12	44.16	986	18.01	22.35	186	1797	329		83.7	0.00
Hilleshog 2236(Aph)	5	318.2	7546	1.17	39.68	941	17.08	23.72	250	1891	313		69.6	0.00
Hilleshog 2239(Aph)	27	326.8	7545	1.15	41.66	961	17.50	23.14	275	1801	312		73.3	0.00
Hilleshog 2411Rz	2	343.7	8365	1.22	45.53	1109	18.41	24.30	208	1929	361		70.4	0.00
Hilleshog 2433Rz	17	345.8	7767	1.19	46.02	1036	18.48	22.41	173	1908	348		74.1	0.00
Hilleshog 7172Rz	36	330.7	7748	1.17	42.55	997	17.71	23.43	253	1917	307		78.5	0.00
Holly HH-811	12	334.9	8817	1.20	43.52	1146	17.95	26.29	213	2028	314		77.0	0.00
Holly HH-956	22	351.4	8403	1.14	47.31	1131	18.71	23.96	197	1840	327		68.2	0.00
Seedex Aurora(SX823 925 Aph)	16	334.7	8225	1.09	43.48	1068	17.82	24.58	203	1813	286		66.7	0.00
Seedex Magnum(SX0816 0922)	42	354.3	9049	1.13	47.97	1224	18.84	25.55	178	1860	316		82.2	0.43
Seedex Monarch	23	329.2	8169	1.26	42.22	1045	17.72	24.90	293	1996	343		77.0	0.00
Seedex SX0822(Aph & Rzm)	33	343.3	8324	1.06	45.45	1101	18.22	24.30	183	1785	275		66.7	0.00
Seedex Thunder	40	331.7	8409	1.25	42.79	1083	17.83	25.37	227	2056	340		69.6	0.00
Seedex Titan	1	341.1	8480	1.21	44.94	1117	18.26	24.82	208	2069	313		71.1	0.00
Van der Have H46177(Aph & Rzm)	28	339.6	8444	1.17	44.60	1109	18.15	24.91	185	1998	304		64.5	0.00
Van der Have H66240	7	336.2	8894	1.22	43.82	1158	18.03	26.47	216	1992	340		71.9	0.00
Van der Have H66556	21	352.5	9118	1.09	47.57	1230	18.71	25.85	161	1879	289		74.8	0.00
Van der Have H66561	6	337.5	9095	1.16	44.11	1190	18.04	26.96	238	1874	321		68.9	0.00
Van der Have H66626	32	347.4	8990	1.15	46.38	1200	18.52	25.88	176	1913	322		68.2	0.00
Van der Have H66629	11	334.3	8915	1.17	43.37	1156	17.88	26.73	241	1921	307		78.5	0.00
Check Mean		339.3	8399	1.17	44.52	1102	18.13	24.77	230	1907	314		74.8	
Coeff. of Var. (%)		2.6	4.4	5.6	4.5	5.6	2.3	3.9	19.1	5.6	10.4		13.2	
F Value		4.5	6.2	3.0	4.5	5.3	4.8	7.0	2.9	3.4	1.9		2.1	
Mean LSD (0.05)		11.7	501	0.09	2.69	84	0.55	1.32	59	139	45		12.4	
Mean LSD (0.01)		15.4	662	0.12	3.55	110	0.73	1.74	78	184	59		16.3	

* 2003 Data from Halstad.

Created 11-06-03.

+ Lower numbers indicate better seedling vigor. Data not collected.

Trial # = 038602

@ Some varieties not approved for sale. Refer to approval list for approval status.

++ Revenue estimates are based on a \$40.09 beet payment at 17.5 % sugar and 1.5 % loss to molasses. Revenue does not consider hauling costs. Slight Aphanomyces present.