

Table 21
2003 Performance of Varieties - ACS Commercial Coded Test
Tabor, 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	345.5	9905	1.02	45.96	1318	18.30	28.65	153	1917	222		86.4	0.00
Beta 3820(Aph)	18	360.4	10165	1.06	49.39	1397	19.09	28.00	127	2096	227		93.2	0.00
Beta 4818R(Aph & Rzm)	30	356.2	9589	1.07	48.41	1303	18.88	26.99	135	2111	227		77.8	0.00
Beta 6225	4	342.0	10215	0.96	45.16	1347	18.06	29.92	171	1768	208		93.2	0.00
Beta 6233	34	361.7	9841	1.08	49.68	1351	19.16	27.22	133	2096	233		83.3	0.00
Beta 6400(Aph)	25	361.7	9879	1.08	49.68	1357	19.16	27.34	137	2050	243		83.4	0.00
Beta 6447	39	360.6	9257	1.10	49.42	1271	19.14	25.59	146	2114	244		75.9	0.00
Beta 6600	15	345.6	10467	1.07	45.97	1393	18.35	30.27	138	2028	241		87.7	0.00
Beta 6610	20	357.5	10117	1.03	48.72	1375	18.91	28.40	127	2014	214		83.9	0.00
Croplan Genetics CL101	8	346.6	9998	1.16	46.21	1332	18.49	28.92	150	2157	271		82.1	0.00
Croplan Genetics CL102	29	351.9	10105	1.09	47.42	1362	18.68	28.67	126	2020	260		81.5	0.00
Croplan Genetics CL311 (111)	31	359.1	9879	1.10	49.08	1353	19.05	27.37	126	2030	265		91.3	0.00
Crystal 723	26	357.4	9355	1.01	48.70	1270	18.88	26.36	150	1893	220		86.4	0.00
Crystal 725	14	360.5	9934	1.03	49.40	1355	19.05	27.76	110	2086	202		88.9	0.00
Crystal 817	41	361.1	10537	1.06	49.54	1444	19.12	29.22	117	2039	242		96.3	0.00
Crystal 820	24	354.8	10147	1.03	48.10	1380	18.77	28.44	145	1916	240		90.8	0.00
Crystal 822	37	363.2	10293	0.99	50.03	1416	19.15	28.43	120	1922	215		92.6	0.00
Crystal 952	19	358.8	9944	1.07	49.02	1357	19.01	27.80	149	2061	229		93.2	0.00
Crystal 955	3	357.2	9799	1.14	48.65	1333	19.00	27.45	160	2192	242		77.8	0.00
Crystal 999	35	361.4	10065	1.00	49.61	1380	19.07	27.95	139	1964	203		93.8	0.00
Crystal R826(Rzm)	9	362.5	10341	1.10	49.87	1426	19.22	28.32	134	2118	243		94.4	0.00
Hilleshog 2093	38	344.6	9638	1.10	45.75	1282	18.33	27.92	117	2123	245		79.7	0.00
Hilleshog 2129	13	356.8	9641	1.01	48.55	1311	18.84	26.97	84	1897	246		89.5	0.00
Hilleshog 2236(Aph)	5	338.6	9204	1.02	44.36	1206	17.95	27.16	136	1955	231		76.5	0.00
Hilleshog 2239(Aph)	27	341.7	9330	1.13	45.08	1237	18.21	27.15	192	1967	283		80.3	0.00
Hilleshog 2411Rz	2	354.3	9684	1.09	47.97	1312	18.81	27.42	145	1934	277		87.1	0.00
Hilleshog 2433Rz	17	355.1	9185	1.04	48.17	1247	18.79	25.84	129	1927	248		77.2	0.00
Hilleshog 7172Rz	36	341.2	9338	1.03	44.96	1230	18.10	27.38	143	2028	215		96.3	0.00
Holly HH-811	12	353.4	10529	1.12	47.78	1425	18.80	29.72	125	2117	265		85.8	0.00
Holly HH-956	22	359.1	10372	1.03	49.09	1417	18.98	28.90	125	1982	225		85.8	0.00
Seedex Aurora(SX823 925 Aph)	16	349.2	10110	1.02	46.80	1358	18.47	28.76	116	1913	237		85.2	0.00
Seedex Magnum(SX0816 0922)	42	357.5	11241	1.07	48.71	1533	18.94	31.37	124	2003	247		87.1	0.22
Seedex Monarch	23	353.2	10288	1.07	47.73	1386	18.73	29.31	115	2171	214		88.3	0.00
Seedex SX0822(Aph & Rzm)	33	351.5	10329	0.95	47.34	1394	18.52	29.23	126	1824	205		76.5	0.00
Seedex Thunder	40	356.7	10117	1.11	48.52	1375	18.95	28.47	123	2069	268		85.2	0.00
Seedex Titan	1	353.3	9827	1.08	47.74	1328	18.74	27.83	113	2083	245		87.6	0.00
Van der Have H46177(Aph & Rzm)	28	349.8	9804	1.07	46.94	1316	18.56	28.00	142	1974	249		64.8	0.00
Van der Have H66240	7	345.5	10265	1.19	45.96	1363	18.46	29.72	139	2284	262		84.6	0.00
Van der Have H66556	21	350.8	9905	1.08	47.18	1330	18.61	28.26	131	2057	238		84.6	0.00
Van der Have H66561	6	357.0	10863	1.07	48.60	1480	18.92	30.47	130	2052	236		81.5	0.00
Van der Have H66626	32	364.0	10195	1.05	50.21	1405	19.26	28.07	137	2051	225		82.7	0.00
Van der Have H66629	11	352.4	10567	1.08	47.54	1424	18.69	30.10	125	2036	251		91.4	0.00
Check Mean		354.1	10006	1.06	47.93	1354	18.77	28.26	134	2025	238		85.5	
Coeff. of Var. (%)		2.0	6.9	5.6	3.4	7.4	1.8	6.8	23.6	4.9	13.4		9.5	
F Value		4.9	2.4	3.8	4.9	2.6	5.6	2.4	1.7	5.6	2.2		3.9	
Mean LSD (0.05)		8.7	827	0.07	1.99	120	0.41	2.25	38	123	38		9.3	
Mean LSD (0.01)		11.4	1090	0.09	2.63	159	0.54	2.97	50	162	50		12.2	

* 2003 Data from Tabor.

Created 11-06-03.

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

Trial # = 038607

@ 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.