

**Table 25**  
**2003 Performance of Varieties - ACS Commercial Coded Test**  
**Humboldt, 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	354.9	8563	1.05	48.11	1161	18.80	24.13	153	2012	225		74.7	0.00
Beta 3820(Aph)	18	364.1	8865	1.07	50.23	1224	19.28	24.34	135	2111	223		78.4	0.00
Beta 4818R(Aph & Rzm)	30	358.2	8816	1.15	48.88	1201	19.05	24.65	138	2307	228		72.8	0.00
Beta 6225	4	356.9	8708	1.00	48.57	1185	18.85	24.40	142	1983	198		82.7	0.00
Beta 6233	34	361.8	8338	1.07	49.71	1145	19.16	23.06	132	2157	212		75.3	0.00
Beta 6400(Aph)	25	360.1	7879	1.19	49.30	1081	19.20	21.82	151	2258	270		78.4	0.00
Beta 6447	39	368.3	8158	1.14	51.20	1134	19.56	22.14	155	2158	257		70.4	0.00
Beta 6600	15	353.7	9016	1.08	47.83	1220	18.76	25.47	144	2082	228		85.8	0.00
Beta 6610	20	355.7	8637	1.08	48.30	1172	18.86	24.29	135	2151	213		78.4	0.00
Croplan Genetics CL101	8	348.0	9050	1.22	46.53	1209	18.62	26.02	154	2302	281		70.4	0.00
Croplan Genetics CL102	29	351.4	8769	1.15	47.31	1181	18.72	24.96	137	2162	265		66.7	0.00
Croplan Genetics CL311 (111)	31	360.8	8537	1.05	49.48	1170	19.09	23.67	129	2039	224		78.4	0.00
Crystal 723	26	365.9	8781	1.07	50.66	1214	19.36	24.04	144	2065	229		71.6	0.00
Crystal 725	14	359.4	8860	1.14	49.14	1212	19.11	24.63	143	2280	229		72.2	0.00
Crystal 817	41	363.1	8425	1.09	50.00	1161	19.25	23.17	130	2105	243		69.8	0.00
Crystal 820	24	356.0	8712	1.15	48.37	1183	18.95	24.49	151	2139	266		90.7	0.00
Crystal 822	37	366.3	8665	1.11	50.75	1199	19.43	23.71	148	2109	252		80.3	0.00
Crystal 952	19	365.1	8209	1.09	50.46	1132	19.34	22.54	136	2168	219		86.4	0.00
Crystal 955	3	360.9	8984	1.15	49.50	1232	19.20	24.91	151	2252	239		69.1	0.00
Crystal 999	35	358.7	8347	1.06	48.98	1140	18.99	23.28	131	2055	232		81.5	0.00
Crystal R826(Rzm)	9	365.3	8092	1.11	50.52	1119	19.38	22.17	143	2190	231		92.0	0.00
Hilleshog 2093	38	346.4	8575	1.20	46.17	1143	18.52	24.76	137	2303	265		73.5	0.00
Hilleshog 2129	13	361.5	7757	1.08	49.64	1065	19.16	21.48	103	1973	274		66.7	0.00
Hilleshog 2236(Aph)	5	346.9	7657	1.07	46.29	1023	18.42	22.03	120	2102	230		80.2	0.00
Hilleshog 2239(Aph)	27	354.0	7900	1.11	47.92	1069	18.81	22.33	161	2064	254		75.9	0.00
Hilleshog 2411Rz	2	346.1	8338	1.17	46.08	1109	18.47	24.13	155	2135	285		77.2	0.00
Hilleshog 2433Rz	17	358.0	7814	1.03	48.82	1066	18.92	21.81	112	1981	230		72.8	0.00
Hilleshog 7172Rz	36	338.2	7878	1.13	44.27	1031	18.04	23.30	195	2138	237		71.6	0.00
Holly HH-811	12	353.8	8881	1.12	47.86	1202	18.81	25.09	145	2203	235		75.3	0.00
Holly HH-956	22	363.2	9112	1.07	50.03	1256	19.23	25.05	132	2034	244		74.7	0.00
Seedex Aurora(SX823 925 Aph)	16	353.4	8053	1.01	47.78	1088	18.69	22.83	118	2021	207		84.0	0.00
Seedex Magnum(SX0816 0922)	42	357.6	9197	1.13	48.73	1252	19.01	25.74	131	2185	247		74.7	0.14
Seedex Monarch	23	348.8	8629	1.22	46.71	1155	18.66	24.74	158	2409	252		79.0	0.00
Seedex SX0822(Aph & Rzm)	33	356.0	8376	0.96	48.36	1138	18.76	23.55	102	1975	188		66.7	0.00
Seedex Thunder	40	355.7	9201	1.16	48.30	1248	18.94	25.88	138	2226	257		79.0	0.00
Seedex Titan	1	358.9	8629	1.07	49.03	1178	19.02	24.07	113	2132	227		69.8	0.00
Van der Have H46177(Aph & Rzm)	28	351.8	8377	1.06	47.40	1127	18.65	23.87	128	2102	216		68.5	0.00
Van der Have H66240	7	351.7	9024	1.21	47.38	1215	18.80	25.68	144	2316	270		77.8	0.00
Van der Have H66556	21	356.3	8920	1.11	48.45	1212	18.92	25.05	136	2178	232		77.2	0.00
Van der Have H66561	6	353.7	8867	1.10	47.85	1201	18.78	25.03	125	2150	233		82.1	0.07
Van der Have H66626	32	361.6	9038	1.09	49.65	1240	19.17	25.04	136	2088	245		64.8	0.00
Van der Have H66629	11	352.8	8972	1.14	47.62	1212	18.77	25.40	153	2191	247		82.7	0.00
Check Mean		356.7	8562	1.11	48.53	1164	18.94	24.02	139	2143	239		76.2	
Coeff. of Var. (%)		2.1	4.6	5.3	3.5	5.2	1.8	4.4	18.9	4.8	11.5		14.7	
F Value		3.9	6.4	5.2	3.9	5.4	4.3	7.3	2.2	5.3	3.3		2.0	
Mean LSD (0.05)		9.0	480	0.07	2.07	74	0.42	1.30	32	127	34		12.8	
Mean LSD (0.01)		11.9	633	0.09	2.73	97	0.55	1.72	43	167	45		16.8	

\* 2003 Data from Humboldt.

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

Created 11-06-03.

Trial # = 038610

@ 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. No Aphanomyces present.