

**Table 24**  
**2003 Performance of Varieties - ACS Commercial Coded Test**  
**Cavalier, ND**

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	355.9	7574	1.02	48.35	1030	18.81	21.27	255	1585	276		84.3	0.00
Beta 3820(Aph)	18	352.1	7443	1.03	47.47	1001	18.63	21.23	237	1634	274		86.7	0.00
Beta 4818R(Aph & Rzm)	30	361.2	7603	1.00	49.57	1042	19.06	21.12	217	1655	259		64.9	0.00
Beta 6225	4	362.7	8081	0.98	49.90	1111	19.11	22.35	233	1591	253		90.0	0.00
Beta 6233	34	367.4	7944	1.04	50.98	1103	19.41	21.59	212	1686	288		81.1	0.00
Beta 6400(Aph)	25	365.2	7941	1.10	50.49	1097	19.37	21.65	219	1815	291		82.3	0.00
Beta 6447	39	365.4	7423	1.03	50.53	1027	19.30	20.25	211	1636	286		74.5	0.00
Beta 6600	15	358.0	7912	1.00	48.82	1080	18.90	22.08	231	1579	276		89.8	0.00
Beta 6610	20	360.7	7229	1.01	49.45	994	19.04	20.08	214	1649	266		72.6	0.00
Croplan Genetics CL101	8	355.7	7935	1.12	48.30	1078	18.90	22.31	221	1771	320		75.4	0.00
Croplan Genetics CL102	29	350.2	8056	1.09	47.03	1082	18.60	22.95	212	1709	312		80.3	0.00
Croplan Genetics CL311 (111)	31	345.4	7463	1.14	45.93	992	18.41	21.61	277	1691	336		75.7	0.00
Crystal 723	26	379.3	7788	0.96	53.74	1104	19.92	20.59	192	1602	248		82.0	0.00
Crystal 725	14	361.5	7990	1.04	49.62	1100	19.11	22.01	217	1676	274		83.5	0.00
Crystal 817	41	365.7	8236	1.03	50.60	1143	19.32	22.44	185	1660	291		87.3	0.00
Crystal 820	24	354.8	7977	1.05	48.09	1081	18.78	22.45	250	1540	313		89.3	0.00
Crystal 822	37	368.9	7542	1.00	51.33	1050	19.44	20.43	200	1645	269		80.5	0.00
Crystal 952	19	363.7	7754	1.05	50.14	1071	19.24	21.27	270	1693	268		83.9	0.00
Crystal 955	3	365.7	8128	1.04	50.60	1127	19.32	22.22	242	1698	267		76.8	0.00
Crystal 999	35	362.4	7716	1.03	49.84	1057	19.16	21.44	217	1674	275		80.7	0.00
Crystal R826(Rzm)	9	360.0	7606	1.03	49.29	1041	19.03	21.09	214	1725	264		91.1	0.00
Hilleshog 2093	38	354.6	8010	1.10	48.05	1085	18.83	22.58	181	1916	279		73.5	0.00
Hilleshog 2129	13	353.4	6489	1.05	47.78	874	18.73	18.45	153	1694	308		80.6	0.00
Hilleshog 2236(Aph)	5	338.9	7089	1.08	44.43	930	18.02	20.80	225	1738	290		88.6	0.00
Hilleshog 2239(Aph)	27	363.1	7607	1.03	50.01	1045	19.19	20.97	235	1623	279		73.5	0.00
Hilleshog 2411Rz	2	354.8	7322	1.08	48.09	989	18.82	20.73	284	1660	291		74.1	0.00
Hilleshog 2433Rz	17	345.2	7384	1.06	45.88	980	18.32	21.47	220	1672	300		80.7	0.00
Hilleshog 7172Rz	36	351.4	7645	0.96	47.32	1032	18.53	21.67	218	1661	233		86.5	0.00
Holly HH-811	12	354.6	8047	1.05	48.04	1091	18.79	22.68	241	1669	287		82.0	0.07
Holly HH-956	22	365.6	8056	0.98	50.59	1115	19.27	21.94	170	1635	266		86.5	0.07
Seedex Aurora(SX823 925 Aph)	16	352.9	7570	0.96	47.65	1023	18.60	21.40	176	1601	255		70.7	0.00
Seedex Magnum(SX0816 0922)	42	366.0	8049	1.04	50.66	1115	19.33	22.01	194	1734	276		84.5	0.07
Seedex Monarch	23	345.8	7328	1.03	46.02	976	18.32	21.13	245	1606	284		83.8	0.00
Seedex SX0822(Aph & Rzm)	33	359.5	7614	0.94	49.18	1043	18.92	21.12	162	1610	245		67.4	0.00
Seedex Thunder	40	354.4	7682	1.08	48.00	1041	18.79	21.72	196	1656	323		91.8	0.00
Seedex Titan	1	354.4	7133	1.00	47.99	968	18.72	20.12	222	1596	269		83.8	0.00
Van der Have H46177(Aph & Rzm)	28	349.8	7841	1.08	46.94	1053	18.58	22.40	194	1761	299		69.0	0.00
Van der Have H66240	7	354.4	8007	1.15	48.01	1084	18.87	22.65	242	1671	351		81.1	0.00
Van der Have H66556	21	356.9	7548	1.01	48.58	1026	18.86	21.24	196	1634	276		75.8	0.00
Van der Have H66561	6	365.1	8270	1.02	50.45	1140	19.27	22.75	213	1683	271		80.4	0.07
Van der Have H66626	32	353.2	8139	1.04	47.73	1101	18.69	23.03	202	1631	298		74.8	0.07
Van der Have H66629	11	353.5	8450	1.10	47.80	1146	18.78	23.71	244	1708	312		80.0	0.00
Check Mean		357.8	7729	1.04	48.79	1054	18.93	21.59	218	1668	283		80.5	
Coeff. of Var. (%)		3.4	6.2	7.4	5.7	7.5	3.0	5.8	20.5	5.1	14.9		13.5	
F Value		2.0	3.2	2.0	2.0	2.9	2.1	3.2	2.2	3.5	1.8		2.1	
Mean LSD (0.05)		15.1	596	0.09	3.48	98	0.71	1.51	55	101	52		12.8	
Mean LSD (0.01)		20.0	786	0.12	4.59	129	0.94	2.00	72	133	68		16.8	

\* 2003 Data from Cavalier.

Created 11-06-03.

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

Trial # = 038609

@ 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. Root maggot scars on 80% of roots.