

**Table 22**  
**2003 Performance of Varieties - ACSC Commercial Coded Test**  
**Crk/EGF Combined ACSC Locations - All Characters**

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	313.2	8840	1.12	38.52	1087	16.78	28.20	337	1675	299		80.9	0.00
Beta 3820(Aph)	18	322.4	8988	1.14	40.65	1137	17.26	27.78	280	1756	311		89.8	0.00
Beta 4818R(Aph & Rzm)	30	314.6	8497	1.21	38.84	1050	16.94	27.03	324	1874	325		70.3	0.00
Beta 6225	4	312.7	8838	1.10	38.41	1089	16.74	28.19	322	1669	294		89.1	0.00
Beta 6233	34	324.4	8764	1.19	41.10	1112	17.41	26.97	284	1837	331		81.9	0.00
Beta 6400(Aph)	25	327.8	8602	1.18	41.89	1102	17.57	26.19	280	1833	327		79.9	0.00
Beta 6447	39	326.2	8324	1.23	41.52	1061	17.54	25.45	322	1848	346		75.2	0.00
Beta 6600	15	316.5	8953	1.15	39.29	1116	16.97	28.13	298	1739	319		83.0	0.00
Beta 6610	20	322.7	8921	1.17	40.72	1126	17.31	27.61	286	1807	324		81.1	0.00
Croplan Genetics CL101	8	310.1	8793	1.28	37.82	1074	16.78	28.32	333	1900	361		75.3	0.00
Croplan Genetics CL102	29	311.1	8790	1.22	38.05	1079	16.78	28.15	304	1830	349		77.0	0.00
Croplan Genetics CL311 (111)	31	323.0	8659	1.19	40.77	1097	17.34	26.67	295	1774	341		85.5	0.00
Crystal 723	26	321.4	8548	1.15	40.41	1074	17.22	26.62	290	1780	312		81.1	0.00
Crystal 725	14	317.7	8822	1.18	39.57	1099	17.07	27.68	314	1835	311		83.9	0.00
Crystal 817	41	320.8	8617	1.21	40.28	1087	17.25	26.67	288	1833	347		86.9	0.00
Crystal 820	24	322.3	9078	1.14	40.61	1147	17.25	28.11	298	1705	318		85.8	0.00
Crystal 822	37	322.2	8798	1.18	40.59	1110	17.29	27.29	312	1760	331		81.2	0.00
Crystal 952	19	323.4	8722	1.19	40.87	1103	17.36	26.93	321	1805	326		85.8	0.00
Crystal 955	3	315.4	8646	1.23	39.04	1072	17.00	27.32	330	1899	329		74.0	0.00
Crystal 999	35	321.1	8924	1.16	40.33	1121	17.22	27.85	285	1771	327		85.4	0.00
Crystal R826(Rzm)	9	321.4	8587	1.24	40.40	1083	17.31	26.61	329	1882	341		89.2	0.00
Hilleshog 2093	38	307.7	8383	1.27	37.26	1018	16.66	27.20	301	1918	366		81.8	0.00
Hilleshog 2129	13	322.6	8242	1.21	40.69	1040	17.34	25.52	222	1811	376		82.6	0.00
Hilleshog 2236(Aph)	5	304.8	7923	1.19	36.59	950	16.43	26.02	324	1775	332		73.6	0.00
Hilleshog 2239(Aph)	27	306.3	8098	1.26	36.95	978	16.57	26.44	369	1820	357		74.7	0.00
Hilleshog 2411Rz	2	314.1	8321	1.26	38.72	1029	16.97	26.44	331	1785	384		80.8	0.00
Hilleshog 2433Rz	17	314.2	7907	1.21	38.76	979	16.92	25.12	291	1783	360		79.5	0.00
Hilleshog 7172Rz	36	303.5	8016	1.18	36.30	963	16.35	26.27	361	1761	314		88.4	0.00
Holly HH-811	12	309.3	9031	1.26	37.63	1104	16.72	29.02	325	1883	356		81.5	0.00
Holly HH-956	22	325.1	9130	1.18	41.25	1162	17.43	27.96	263	1827	334		79.6	0.00
Seedex Aurora(SX823 925 Aph)	16	320.9	8804	1.10	40.30	1108	17.15	27.35	255	1781	286		82.0	0.02
Seedex Magnum(SX0816 0922)	42	320.6	9356	1.18	40.23	1179	17.21	28.97	279	1824	331		80.2	0.13
Seedex Monarch	23	307.3	8732	1.24	37.18	1058	16.61	28.37	343	1882	337		82.4	0.02
Seedex SX0822(Aph & Rzm)	33	320.9	8720	1.05	40.31	1099	17.10	27.05	242	1691	276		71.4	0.00
Seedex Thunder	40	317.9	8965	1.23	39.60	1119	17.12	28.14	295	1843	354		80.6	0.00
Seedex Titan	1	315.5	8748	1.19	39.05	1086	16.96	27.65	292	1813	334		79.7	0.00
Van der Have H46177(Aph & Rzm)	28	316.8	8470	1.19	39.36	1053	17.04	26.71	277	1874	327		64.5	0.00
Van der Have H66240	7	314.3	9070	1.26	38.78	1122	16.97	28.78	305	1882	364		82.5	0.00
Van der Have H66556	21	312.2	8888	1.22	38.28	1090	16.83	28.47	300	1882	340		81.5	0.00
Van der Have H66561	6	316.1	9276	1.19	39.18	1155	16.99	29.25	278	1830	335		80.8	0.05
Van der Have H66626	32	322.9	9082	1.21	40.76	1148	17.35	28.06	266	1845	347		77.1	0.00
Van der Have H66629	11	314.7	9201	1.22	38.88	1140	16.96	29.17	296	1845	348		85.0	0.00
Check Mean		317.1	8716	1.19	39.42	1086	17.05	27.42	301	1813	334		80.8	0.01
Coeff. of Var. (%)		2.9	5.8	5.2	5.3	7.4	2.5	4.9	17.2	5.3	9.0		11.1	
F Value		5.8	6.0	7.8	5.8	5.6	6.1	6.7	3.7	4.8	6.6		7.6	
Mean LSD (0.05)		7.1	404	0.05	1.63	63	0.33	1.12	43	79	25		5.4	
Mean LSD (0.01)		9.4	534	0.07	2.15	83	0.44	1.49	57	104	33		7.1	

\* 2003 Data from Climax, Crookston, Grand Forks & Tabor.

Created 10-31-03.

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

Trial # = 03CEm

@ 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.