

**Table 18**  
**2003 Performance of Varieties - ACS Commercial Coded Test**  
**Climax, 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	299.4	9734	1.12	35.34	1147	16.10	32.40	340	1590	324		75.0	0.00
Beta 3820(Aph)	18	315.4	10432	1.11	39.04	1291	16.88	33.11	238	1646	339		83.2	0.00
Beta 4818R(Aph & Rzm)	30	308.5	10079	1.25	37.44	1224	16.66	32.85	297	1812	376		64.5	0.00
Beta 6225	4	308.9	10308	1.14	37.54	1252	16.58	33.44	297	1686	321		87.6	0.00
Beta 6233	34	320.5	10343	1.19	40.21	1297	17.21	32.37	247	1742	371		77.6	0.00
Beta 6400(Aph)	25	325.6	9939	1.18	41.37	1263	17.45	30.71	247	1730	359		73.8	0.00
Beta 6447	39	321.2	9565	1.29	40.35	1197	17.35	29.72	311	1873	387		65.5	0.00
Beta 6600	15	314.1	10387	1.16	38.73	1282	16.87	33.09	275	1690	355		67.3	0.00
Beta 6610	20	313.9	10386	1.25	38.70	1280	16.94	33.09	270	1798	390		78.7	0.00
Croplan Genetics CL101	8	301.9	9803	1.29	35.92	1166	16.39	32.46	323	1792	403		67.5	0.00
Croplan Genetics CL102	29	310.1	10239	1.21	37.82	1250	16.72	32.96	257	1729	382		72.1	0.00
Croplan Genetics CL311 (111)	31	317.6	10286	1.19	39.54	1281	17.08	32.39	267	1712	373		78.3	0.00
Crystal 723	26	314.1	9863	1.20	38.73	1214	16.91	31.59	276	1728	374		74.0	0.00
Crystal 725	14	315.0	10258	1.19	38.94	1270	16.94	32.33	260	1771	356		80.9	0.00
Crystal 817	41	315.3	10102	1.24	39.01	1248	17.01	31.93	267	1814	384		76.6	0.00
Crystal 820	24	312.6	10448	1.16	38.39	1283	16.79	33.36	290	1636	364		76.6	0.00
Crystal 822	37	313.3	9916	1.19	38.56	1221	16.86	31.73	281	1747	360		74.7	0.00
Crystal 952	19	317.0	10050	1.19	39.41	1250	17.04	31.57	281	1702	367		86.1	0.00
Crystal 955	3	308.3	10098	1.25	37.39	1224	16.66	32.65	294	1831	372		71.3	0.00
Crystal 999	35	312.6	10296	1.20	38.40	1264	16.82	33.19	256	1689	383		78.4	0.00
Crystal R826(Rzm)	9	311.6	9541	1.31	38.16	1170	16.89	30.55	316	1873	408		84.8	0.00
Hilleshog 2093	38	296.0	9581	1.30	34.58	1119	16.10	32.42	324	1845	396		71.7	0.00
Hilleshog 2129	13	318.8	9477	1.24	39.81	1185	17.17	29.78	190	1742	427		75.2	0.00
Hilleshog 2236(Aph)	5	285.9	8685	1.20	32.24	980	15.50	30.23	354	1693	355		62.9	0.00
Hilleshog 2239(Aph)	27	297.1	9270	1.29	34.81	1083	16.14	31.38	372	1788	388		63.7	0.00
Hilleshog 2411Rz	2	311.8	9449	1.29	38.20	1153	16.88	30.53	286	1708	442		77.7	0.00
Hilleshog 2433Rz	17	305.8	9338	1.31	36.82	1125	16.59	30.60	265	1758	443		70.8	0.00
Hilleshog 7172Rz	36	303.0	9638	1.18	36.17	1148	16.33	31.80	322	1689	350		83.3	0.00
Holly HH-811	12	299.4	10432	1.26	35.35	1233	16.23	34.68	277	1783	398		68.3	0.00
Holly HH-956	22	319.2	10378	1.21	39.91	1296	17.17	32.52	214	1826	374		68.7	0.00
Seedex Aurora(SX823 925 Aph)	16	308.1	10019	1.13	37.36	1217	16.54	32.37	235	1789	315		76.7	0.00
Seedex Magnum(SX0816 0922)	42	310.7	10333	1.19	37.96	1265	16.74	32.81	269	1779	354		73.6	0.07
Seedex Monarch	23	295.9	10025	1.23	34.55	1168	16.02	34.00	322	1759	366		79.1	0.07
Seedex SX0822(Aph & Rzm)	33	317.6	10211	1.09	39.54	1271	16.97	32.15	215	1711	309		68.4	0.00
Seedex Thunder	40	315.1	10520	1.20	38.96	1301	16.96	33.26	247	1770	373		76.5	0.00
Seedex Titan	1	316.7	10348	1.18	39.34	1285	17.01	32.71	257	1706	369		73.4	0.00
Van der Have H46177(Aph & Rzm)	28	308.9	9538	1.23	37.54	1156	16.67	31.00	272	1865	357		52.2	0.00
Van der Have H66240	7	306.8	10409	1.26	37.05	1258	16.60	34.02	312	1724	403		75.0	0.00
Van der Have H66556	21	303.4	10198	1.24	36.28	1223	16.41	33.44	267	1855	365		72.8	0.00
Van der Have H66561	6	308.6	10484	1.21	37.46	1271	16.63	34.30	237	1794	372		72.0	0.00
Van der Have H66626	32	315.0	10458	1.22	38.93	1290	16.97	33.22	236	1753	392		74.1	0.00
Van der Have H66629	11	309.5	10634	1.23	37.67	1295	16.70	34.43	250	1795	381		77.9	0.00
Check Mean		310.2	10036	1.21	37.85	1224	16.73	32.36	276	1755	373		74.0	
Coeff. of Var. (%)		3.1	4.6	5.1	5.8	6.7	2.7	3.5	18.1	5.8	8.5		13.4	
F Value		3.5	4.7	4.1	3.5	3.8	3.6	6.6	2.9	2.4	4.3		2.8	
Mean LSD (0.05)		11.8	560	0.08	2.71	100	0.56	1.35	62	123	39		11.4	
Mean LSD (0.01)		15.5	739	0.10	3.57	132	0.74	1.78	82	162	52		15.0	

\* 2003 Data from Climax.

Created 11-06-03.

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

Trial # = 038604

@ 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 to moderate Aphanomyces present.