

**Tabel 19**  
**2003 Performance of Varieties - ACS Commercial Coded Test**  
**Crookston, 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	300.3	6641	1.01	35.57	786	16.02	22.12	380	1401	269	3.2	87.7	0.00
Beta 3820(Aph)	18	302.5	6194	1.04	36.06	737	16.17	20.51	371	1434	294	2.8	93.8	0.00
Beta 4818R(Aph & Rzm)	30	298.7	5891	1.11	35.19	693	16.05	19.77	367	1636	293	3.3	73.5	0.00
Beta 6225	4	298.2	5854	1.02	35.09	688	15.93	19.68	363	1438	272	3.0	88.9	0.00
Beta 6233	34	306.4	6104	1.08	36.95	737	16.40	19.90	324	1573	302	2.8	88.9	0.00
Beta 6400(Aph)	25	311.8	6107	1.08	38.19	748	16.67	19.64	333	1638	284	3.0	84.6	0.00
Beta 6447	39	308.3	5948	1.13	37.41	720	16.54	19.27	387	1531	324	2.8	87.0	0.00
Beta 6600	15	299.9	5820	1.05	35.47	688	16.05	19.41	360	1475	293	2.8	89.5	0.00
Beta 6610	20	307.9	6006	1.07	37.31	727	16.46	19.51	344	1566	284	3.0	87.0	0.00
Croplan Genetics CL101	8	296.4	6212	1.15	34.65	727	15.97	20.96	402	1646	308	2.8	78.4	0.00
Croplan Genetics CL102	29	290.4	5995	1.14	33.28	686	15.66	20.65	409	1594	309	2.7	80.9	0.00
Croplan Genetics CL311 (111)	31	303.7	5595	1.11	36.34	669	16.30	18.43	374	1553	312	2.5	90.1	0.00
Crystal 723	26	303.9	6016	1.08	36.38	720	16.27	19.81	330	1597	291	2.7	86.4	0.00
Crystal 725	14	297.3	6216	1.11	34.87	729	15.98	20.87	414	1568	295	2.3	82.7	0.00
Crystal 817	41	303.2	5192	1.13	36.21	620	16.29	17.14	387	1555	322	2.3	88.9	0.00
Crystal 820	24	307.1	6461	1.04	37.12	781	16.39	21.06	348	1514	274	2.5	93.8	0.00
Crystal 822	37	309.4	6433	1.09	37.66	782	16.56	20.84	355	1532	305	2.2	79.0	0.00
Crystal 952	19	313.0	6155	1.09	38.47	756	16.74	19.63	375	1597	283	2.2	90.7	0.00
Crystal 955	3	294.6	5396	1.15	34.24	627	15.87	18.28	417	1614	306	3.0	75.3	0.00
Crystal 999	35	307.8	6481	1.06	37.29	784	16.45	21.11	318	1536	297	2.8	85.8	0.00
Crystal R826(Rzm)	9	307.3	6199	1.11	37.18	748	16.48	20.23	411	1559	298	2.2	93.2	0.00
Hilleshog 2093	38	291.7	5551	1.18	33.58	638	15.77	19.10	347	1669	344	3.2	94.4	0.00
Hilleshog 2129	13	315.0	5784	1.05	38.94	714	16.80	18.37	225	1551	323	3.2	85.8	0.00
Hilleshog 2236(Aph)	5	303.8	5796	1.10	36.36	693	16.29	19.09	344	1566	313	3.5	83.3	0.00
Hilleshog 2239(Aph)	27	300.0	5696	1.13	35.49	672	16.13	19.05	383	1550	326	3.0	88.9	0.00
Hilleshog 2411Rz	2	295.6	5400	1.18	34.48	630	15.96	18.30	386	1592	348	3.0	76.5	0.00
Hilleshog 2433Rz	17	295.9	5282	1.10	34.54	617	15.89	17.87	329	1590	306	3.2	88.3	0.00
Hilleshog 7172Rz	36	280.4	5555	1.15	30.98	612	15.17	19.86	478	1514	314	3.0	90.7	0.00
Holly HH-811	12	286.1	5713	1.20	32.30	644	15.51	19.96	480	1669	312	3.0	90.1	0.00
Holly HH-956	22	302.1	6160	1.14	35.97	735	16.24	20.31	359	1623	320	3.0	82.7	0.00
Seedex Aurora(SX823 925 Aph)	16	309.2	6126	1.01	37.60	743	16.47	19.86	300	1564	257	3.0	88.3	0.00
Seedex Magnum(SX0816 0922)	42	305.7	6423	1.09	36.80	773	16.37	20.96	330	1604	296	3.0	84.0	0.07
Seedex Monarch	23	287.1	5723	1.19	32.52	648	15.54	19.93	435	1664	321	2.9	84.0	0.00
Seedex SX0822(Aph & Rzm)	33	309.1	5821	0.95	37.58	707	16.41	18.88	277	1405	264	3.5	74.1	0.00
Seedex Thunder	40	298.8	6084	1.16	35.21	714	16.10	20.45	375	1662	319	3.0	84.6	0.00
Seedex Titan	1	297.7	5941	1.13	34.95	698	16.01	19.98	394	1568	316	3.0	80.9	0.00
Van der Have H46177(Aph & Rzm)	28	308.8	6153	1.10	37.51	747	16.54	19.93	304	1637	305	3.4	75.3	0.00
Van der Have H66240	7	296.1	6098	1.20	34.58	711	16.00	20.66	417	1624	341	2.8	88.3	0.00
Van der Have H66556	21	298.9	6332	1.14	35.25	744	16.09	21.22	387	1643	305	3.2	86.4	0.00
Van der Have H66561	6	291.6	5944	1.15	33.56	681	15.73	20.50	379	1625	320	2.7	85.2	0.07
Van der Have H66626	32	303.2	6386	1.14	36.21	764	16.29	20.99	343	1649	318	3.0	84.0	0.00
Van der Have H66629	11	294.4	6342	1.17	34.20	737	15.89	21.54	409	1639	321	2.8	88.9	0.00
Check Mean		300.9	5982	1.11	35.70	709	16.15	19.90	368	1575	305	2.9	85.5	
Coeff. of Var. (%)		2.9	6.5	5.0	5.6	8.1	2.5	5.9	15.8	5.3	7.6	12.5	11.1	
F Value		4.0	4.3	5.2	4.0	4.1	3.8	4.5	3.6	3.6	4.1	4.7	2.0	
Mean LSD (0.05)		10.6	468	0.07	2.43	69	0.50	1.42	71	102	29	0.4	10.8	
Mean LSD (0.01)		13.9	618	0.09	3.20	91	0.66	1.87	94	134	38	0.6	14.2	

\* 2003 Data from Crookston.

Created 11-06-03.

+ Lower numbers indicate better seedling vigor.

Trial # = 038605

@ 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. Moderate Aphanomyces present.