

Table 26  
2003 Performance of Varieties - ACS Commercial Coded Test  
Combined ACSC Drayton Locations - All Characters

Description @	Code	Rec/T lbs.	Rec/A lbs.	Loss Mol %	Rev/T \$	Rev/T % Mean	Rev/A \$	Rev/A % Mean	Sugar %	Yield T/A	Na ppm	K ppm	AmN ppm	Vigor+ Rating	Emerg. % ++	Bolter %
Beta 3800(Aph)	10	335.5	7431	1.00	43.66	98	969	99	17.77	22.10	238	1648	248		78.8	0.00
Beta 3820(Aph)	18	341.8	7564	1.03	45.10	102	1000	102	18.12	22.07	217	1754	254		84.3	0.00
Beta 4818R(Aph & Rzm)	30	340.8	7425	1.03	44.88	101	981	100	18.08	21.68	205	1802	248		72.5	0.00
Beta 6225	4	340.1	7712	0.99	44.72	101	1016	103	17.99	22.62	237	1651	239		84.8	0.00
Beta 6233	34	344.9	7456	1.03	45.81	103	994	101	18.28	21.53	207	1763	256		78.0	0.00
Beta 6400(Aph)	25	343.6	7217	1.11	45.52	103	959	98	18.29	20.88	225	1867	281		80.0	0.00
Beta 6447	39	345.2	7115	1.07	45.88	103	949	97	18.33	20.51	234	1759	276		74.6	0.00
Beta 6600	15	336.1	7742	1.01	43.80	99	1012	103	17.81	22.94	226	1674	253		86.7	0.02
Beta 6610	20	339.5	7229	1.01	44.57	100	954	97	17.98	21.18	207	1728	246		77.5	0.00
Croplan Genetics CL101	8	334.5	7792	1.15	43.42	98	1015	103	17.87	23.18	221	1873	311		73.9	0.00
Croplan Genetics CL102	29	335.6	7698	1.09	43.67	98	1006	102	17.87	22.78	208	1791	291		76.1	0.00
Croplan Genetics CL311 (111)	31	338.9	7414	1.05	44.42	100	975	99	17.99	21.78	227	1705	277		81.0	0.00
Crystal 723	26	352.0	7599	1.00	47.45	107	1027	105	18.60	21.51	187	1707	250		77.9	0.02
Crystal 725	14	341.8	7758	1.05	45.10	102	1027	104	18.14	22.62	218	1808	255		78.0	0.00
Crystal 817	41	345.3	7618	1.04	45.91	103	1017	103	18.30	21.96	189	1735	273		79.5	0.00
Crystal 820	24	335.1	7608	1.06	43.55	98	992	101	17.82	22.61	238	1694	287		89.6	0.00
Crystal 822	37	350.1	7527	1.03	47.02	106	1013	103	18.53	21.44	206	1725	264		81.5	0.00
Crystal 952	19	342.6	7391	1.06	45.29	102	979	100	18.19	21.51	247	1779	257		84.8	0.00
Crystal 955	3	343.7	7841	1.07	45.53	103	1042	106	18.25	22.74	229	1805	263		73.3	0.00
Crystal 999	35	339.7	7340	1.03	44.61	100	966	98	18.01	21.55	215	1713	263		82.3	0.00
Crystal R826(Rzm)	9	343.7	7224	1.07	45.54	103	960	98	18.26	20.93	225	1826	264		89.8	0.00
Hilleshog 2093	38	331.5	7628	1.13	42.74	96	985	100	17.70	22.95	208	1930	284		79.8	0.00
Hilleshog 2129	13	338.1	6540	1.05	44.25	100	858	87	17.96	19.28	163	1736	294		76.2	0.00
Hilleshog 2236(Aph)	5	325.8	6959	1.08	41.43	93	885	90	17.37	21.33	231	1797	273		84.0	0.00
Hilleshog 2239(Aph)	27	336.2	7157	1.07	43.82	99	934	95	17.88	21.24	268	1716	278		79.1	0.00
Hilleshog 2411Rz	2	332.8	7212	1.10	43.02	97	933	95	17.74	21.66	249	1750	297		76.5	0.00
Hilleshog 2433Rz	17	330.3	6969	1.07	42.45	96	898	91	17.58	21.02	242	1731	281		81.6	0.00
Hilleshog 7172Rz	36	324.8	6971	1.03	41.20	93	889	90	17.27	21.32	259	1760	237		84.2	0.00
Holly HH-811	12	335.4	7752	1.06	43.63	98	1012	103	17.83	23.01	218	1774	270		77.3	0.02
Holly HH-956	22	345.7	7871	1.02	45.99	104	1050	107	18.30	22.69	187	1691	273		79.1	0.02
Seedex Aurora(SX823 925 Aph)	16	334.9	7283	0.98	43.51	98	948	96	17.72	21.68	181	1672	247		79.2	0.00
Seedex Magnum(SX0816 0922)	42	344.2	7875	1.05	45.66	103	1047	107	18.26	22.81	192	1776	275		82.7	0.10
Seedex Monarch	23	330.3	7305	1.09	42.45	96	942	96	17.60	22.04	241	1819	271		82.1	0.00
Seedex SX0822(Aph & Rzm)	33	338.9	7323	0.95	44.44	100	964	98	17.90	21.51	168	1665	235		69.4	0.00
Seedex Thunder	40	337.3	7708	1.11	44.07	99	1011	103	17.97	22.75	235	1779	299		84.4	0.00
Seedex Titan	1	339.3	7215	1.00	44.52	100	951	97	17.96	21.15	196	1731	246		78.0	0.00
Van der Have H46177(Aph & Rzm)	28	336.7	7600	1.05	43.93	99	994	101	17.88	22.48	189	1804	263		70.3	0.00
Van der Have H66240	7	337.6	7856	1.12	44.15	99	1030	105	18.00	23.19	228	1805	306		79.1	0.00
Van der Have H66556	21	337.0	7500	1.03	44.00	99	983	100	17.88	22.15	205	1751	258		79.4	0.00
Van der Have H66561	6	340.6	7846	1.03	44.82	101	1035	105	18.06	22.98	205	1759	257		83.5	0.07
Van der Have H66626	32	342.1	7876	1.04	45.16	102	1044	106	18.14	22.92	198	1711	279		70.8	0.05
Van der Have H66629	11	336.5	7882	1.08	43.89	99	1033	105	17.91	23.25	229	1795	277		82.4	0.00
Check Mean		338.7	7477	1.05	44.40		983		17.99	21.99	217	1756	268		79.6	0.01
Coeff. of Var. (%)		2.9	5.7	6.3	5.0		6.9		2.6	5.3	21.0	5.2	12.6		13.3	
F Value		4.5	6.0	3.8	4.5		6.2		4.9	5.5	2.7	2.9	4.6		3.1	
Mean LSD (0.05)		7.7	367	0.06	1.76		54		0.36	1.05	41	101	25		7.6	
Mean LSD (0.01)		10.2	486	0.08	2.34		72		0.47	1.40	54	134	33		10.0	

\* 2003 Data from St Thomas, Cavalier & Humbolt.

Created 11-12-03.

+ Data not collected.

Trial # = 03DTNm

++ Emergence from 3 locations.

@ 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.