

Table 15
2003 Performance of Varieties - ACS Commercial Coded Test
Kindred 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	340.6	6544	1.29	44.83	861	18.32	19.21	569	1961	272	3.0	81.5	0.00
Beta 3820(Aph)	18	357.4	6741	1.27	48.69	918	19.13	18.87	445	2027	285	3.0	79.1	0.00
Beta 4818R(Aph & Rzm)	30	351.8	7263	1.38	47.41	980	18.97	20.61	464	2139	332	3.2	74.0	0.07
Beta 6225	4	337.2	6255	1.34	44.05	818	18.20	18.51	690	1893	279	3.0	77.2	0.00
Beta 6233	34	348.2	6351	1.31	46.58	849	18.72	18.28	476	2042	303	2.7	77.1	0.00
Beta 6400(Aph)	25	359.7	6222	1.34	49.22	849	19.33	17.38	456	2139	304	3.0	76.9	0.07
Beta 6447	39	346.3	5737	1.46	46.13	765	18.77	16.56	529	2252	340	3.0	73.5	0.00
Beta 6600	15	337.3	6525	1.34	44.06	852	18.20	19.39	558	1994	304	3.0	73.4	0.00
Beta 6610	20	344.8	6468	1.35	45.79	860	18.58	18.72	552	2057	294	3.0	74.1	0.00
Croplan Genetics CL101	8	328.4	6500	1.45	42.02	837	17.87	19.61	579	2155	331	2.2	73.7	0.00
Croplan Genetics CL102	29	327.2	5696	1.40	41.75	726	17.76	17.42	550	2155	308	3.0	72.9	0.00
Croplan Genetics CL311 (111)	31	351.5	6540	1.36	47.32	882	18.94	18.57	489	2041	331	2.5	80.9	0.00
Crystal 723	26	352.4	6251	1.29	47.54	844	18.90	17.71	469	1970	299	2.7	70.5	0.00
Crystal 725	14	352.2	6548	1.36	47.49	883	18.97	18.60	526	2134	297	2.8	75.2	0.00
Crystal 817	41	347.3	5866	1.39	46.36	785	18.76	16.85	478	2163	333	2.8	78.3	0.00
Crystal 820	24	343.7	6382	1.32	45.53	844	18.50	18.64	518	1996	306	2.8	76.0	0.00
Crystal 822	37	342.5	6157	1.47	45.27	813	18.59	17.97	632	2131	339	2.5	69.8	0.00
Crystal 952	19	349.5	6241	1.31	46.88	839	18.78	17.82	506	2010	294	2.3	77.7	0.00
Crystal 955	3	330.9	6396	1.43	42.59	822	17.98	19.39	627	2082	330	2.8	72.9	0.00
Crystal 999	35	351.6	6693	1.33	47.37	899	18.91	19.08	474	2040	313	2.7	82.0	0.00
Crystal R826(Rzm)	9	352.5	6393	1.49	47.57	862	19.12	18.16	514	2182	392	2.2	83.9	0.00
Hilleshog 2093	38	332.4	5484	1.39	42.94	704	18.01	16.60	518	2217	300	3.0	65.5	0.00
Hilleshog 2129	13	350.5	5950	1.31	47.11	800	18.84	16.99	380	2069	328	3.2	78.4	0.00
Hilleshog 2236(Aph)	5	320.5	5611	1.42	40.21	705	17.45	17.46	556	2195	314	3.7	72.8	0.00
Hilleshog 2239(Aph)	27	330.6	5553	1.39	42.54	712	17.92	16.85	645	2041	302	3.0	78.9	0.00
Hilleshog 2411Rz	2	348.4	6586	1.43	46.63	882	18.84	18.87	540	2050	362	3.0	80.8	0.00
Hilleshog 2433Rz	17	356.8	6457	1.33	48.54	878	19.17	18.11	328	2045	365	3.0	72.4	0.00
Hilleshog 7172Rz	36	351.9	6417	1.44	47.42	865	19.03	18.22	476	2103	379	3.2	76.5	0.00
Holly HH-811	12	328.6	6373	1.47	42.07	819	17.90	19.31	543	2268	334	2.8	72.2	0.00
Holly HH-956	22	343.3	6406	1.41	45.44	849	18.57	18.64	490	2107	354	3.0	69.8	0.00
Seedex Aurora(SX823 925 Aph)	16	357.1	6548	1.27	48.62	890	19.12	18.40	387	2031	303	2.8	69.8	0.00
Seedex Magnum(SX0816 0922)	42	353.0	6591	1.31	47.69	892	18.96	18.61	408	2063	314	2.8	81.6	0.00
Seedex Monarch	23	332.4	6066	1.46	42.94	785	18.07	18.20	624	2155	325	2.5	74.0	0.00
Seedex SX0822(Aph & Rzm)	33	365.8	6542	1.21	50.62	905	19.49	17.92	299	1950	308	3.2	61.7	0.00
Seedex Thunder	40	343.5	6723	1.42	45.49	890	18.59	19.57	497	2147	347	3.0	74.2	0.00
Seedex Titan	1	342.4	6289	1.36	45.24	832	18.48	18.34	546	2090	307	3.0	71.1	0.07
Van der Have H46177(Aph & Rzm)	28	359.3	6392	1.31	49.13	873	19.28	17.82	370	2148	312	3.3	63.5	0.00
Van der Have H66240	7	334.3	6635	1.45	43.39	861	18.17	19.85	594	2153	334	3.0	75.9	0.00
Van der Have H66556	21	334.5	6036	1.46	43.42	785	18.18	18.01	534	2228	342	3.0	62.3	0.00
Van der Have H66561	6	336.3	6498	1.38	43.83	847	18.19	19.31	547	2122	301	2.8	75.8	0.07
Van der Have H66626	32	347.4	5913	1.39	46.40	793	18.76	16.92	493	2110	335	2.8	72.8	0.00
Van der Have H66629	11	341.5	6693	1.34	45.04	883	18.41	19.59	445	2123	308	2.5	72.8	0.00
Check Mean		344.4	6322	1.37	45.69	839	18.59	18.36	508	2095	320	2.9	74.4	
Coeff. of Var. (%)		3.2	7.8	6.2	5.6	8.9	2.8	7.4	17.1	5.3	10.3	12.3	12.2	
F Value		4.6	2.8	3.1	4.6	3.2	4.7	2.5	4.9	3.0	3.4	4.1	1.9	
Mean LSD (0.05)		13.7	610	0.10	3.15	92	0.63	1.68	106	135	39	0.4	10.4	
Mean LSD (0.01)		18.1	805	0.14	4.16	121	0.84	2.21	140	178	52	0.5	13.7	

* 2003 Data from Kindred.

Created 11-06-03.

+ Lower numbers indicate better seedling vigor.

Trial # = 038601

@ 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.