

**Table 23**  
**2003 Performance of Varieties - ACS Commercial Coded Test**  
**St. Thomas, 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	296.4	6194	0.92	34.67	723	15.73	20.96	306	1338	242		77.8	0.00
Beta 3820(Aph)	18	307.7	6343	0.99	37.26	769	16.37	20.57	279	1513	265		87.7	0.00
Beta 4818R(Aph & Rzm)	30	303.5	5868	0.96	36.28	701	16.13	19.39	260	1463	257		80.3	0.00
Beta 6225	4	301.3	6368	0.98	35.79	756	16.04	21.17	335	1383	266		81.5	0.00
Beta 6233	34	305.5	6111	0.98	36.76	735	16.26	20.04	276	1469	268		78.4	0.00
Beta 6400(Aph)	25	305.7	5822	1.03	36.80	700	16.32	19.05	306	1520	282		79.0	0.00
Beta 6447	39	300.4	5755	1.03	35.59	683	16.06	19.10	335	1484	284		78.4	0.00
Beta 6600	15	297.4	6316	0.94	34.89	740	15.81	21.30	302	1364	255		84.6	0.07
Beta 6610	20	304.1	5849	0.93	36.44	701	16.14	19.25	272	1367	259		80.9	0.00
Croplan Genetics CL101	8	299.0	6360	1.10	35.26	751	16.06	21.19	290	1563	333		75.9	0.00
Croplan Genetics CL102	29	304.7	6240	1.03	36.56	749	16.26	20.47	276	1497	298		80.3	0.00
Croplan Genetics CL311 (111)	31	311.0	6218	0.96	38.02	759	16.51	19.99	276	1386	272		88.3	0.00
Crystal 723	26	311.5	6228	0.96	38.12	763	16.53	19.99	226	1458	274		80.9	0.07
Crystal 725	14	305.0	6453	0.97	36.63	775	16.22	21.15	293	1446	262		78.4	0.00
Crystal 817	41	307.6	6237	0.98	37.23	756	16.36	20.26	251	1435	286		81.5	0.00
Crystal 820	24	293.2	6134	1.00	33.91	709	15.65	20.95	314	1402	283		90.1	0.00
Crystal 822	37	315.5	6361	0.97	39.05	787	16.74	20.17	271	1437	270		84.0	0.00
Crystal 952	19	299.5	6229	1.03	35.38	734	16.01	20.87	336	1476	284		84.0	0.00
Crystal 955	3	305.0	6434	1.00	36.63	773	16.25	21.10	295	1456	283		74.7	0.00
Crystal 999	35	298.6	5952	0.99	35.17	701	15.92	19.96	296	1409	280		84.6	0.00
Crystal R826(Rzm)	9	304.6	5959	1.07	36.54	716	16.29	19.53	319	1562	297		86.4	0.00
Hilleshog 2093	38	293.9	6304	1.08	34.09	730	15.78	21.48	305	1569	309		92.0	0.00
Hilleshog 2129	13	300.2	5357	1.03	35.52	633	16.03	17.89	233	1540	300		80.9	0.00
Hilleshog 2236(Aph)	5	289.4	6101	1.08	33.04	697	15.55	21.03	347	1553	301		84.0	0.00
Hilleshog 2239(Aph)	27	290.6	5939	1.08	33.33	682	15.61	20.41	408	1451	302		87.7	0.00
Hilleshog 2411Rz	2	297.8	5980	1.05	34.97	703	15.94	20.07	309	1456	315		78.4	0.00
Hilleshog 2433Rz	17	286.4	5676	1.12	32.37	642	15.44	19.77	395	1541	315		90.7	0.00
Hilleshog 7172Rz	36	285.0	5415	1.00	32.03	609	15.26	19.00	364	1515	240		94.4	0.00
Holly HH-811	12	297.3	6324	1.00	34.87	742	15.87	21.26	269	1456	288		74.7	0.00
Holly HH-956	22	306.5	6433	1.01	36.99	776	16.33	20.98	260	1412	310		76.5	0.00
Seedex Aurora(SX823 925 Aph)	16	298.7	6213	0.95	35.19	732	15.88	20.78	250	1385	278		82.7	0.00
Seedex Magnum(SX0816 0922)	42	309.4	6400	0.99	37.65	778	16.47	20.70	251	1410	303		88.9	0.07
Seedex Monarch	23	296.6	5984	1.01	34.71	699	15.83	20.23	321	1449	277		84.0	0.00
Seedex SX0822(Aph & Rzm)	33	300.7	5972	0.95	35.66	709	15.99	19.82	239	1419	272		73.5	0.00
Seedex Thunder	40	301.4	6231	1.09	35.80	741	16.15	20.64	372	1455	319		82.1	0.00
Seedex Titan	1	303.7	5860	0.93	36.34	703	16.11	19.22	253	1449	244		81.5	0.00
Van der Have H46177(Aph & Rzm)	28	309.4	6574	1.00	37.65	800	16.46	21.24	245	1536	274		72.8	0.00
Van der Have H66240	7	307.6	6531	1.01	37.23	791	16.38	21.21	298	1406	298		78.4	0.00
Van der Have H66556	21	298.4	6030	0.97	35.12	709	15.88	20.23	282	1429	266		84.6	0.00
Van der Have H66561	6	304.7	6415	0.97	36.57	768	16.21	21.12	276	1453	265		87.0	0.07
Van der Have H66626	32	312.1	6467	0.98	38.28	793	16.59	20.72	256	1413	294		72.2	0.07
Van der Have H66629	11	302.3	6223	1.00	36.01	740	16.11	20.62	289	1493	272		85.2	0.00
Check Mean		301.6	6140	1.00	35.87	730	16.08	20.35	294	1458	282		82.1	
Coeff. of Var. (%)		3.0	6.5	6.3	5.8	8.2	2.7	5.8	20.4	5.9	10.7		11.3	
F Value		3.1	2.8	3.0	3.1	2.9	3.1	2.6	2.6	2.5	2.6		2.0	
Mean LSD (0.05)		10.8	486	0.08	2.48	73	0.51	1.42	74	104	37		10.6	
Mean LSD (0.01)		14.2	642	0.10	3.27	96	0.67	1.87	97	137	48		14.0	

\* 2003 Data from St. Thomas.

Created 11-06-03.

\* Lower numbers indicate better seedling vigor.

Trial # = 038608

@ 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. No Aphanomyces present. Root maggot scars on 80% of roots.