

Table 9
Three Year Performance of Varieties With 'Commercial Seed' Approved for Unlimited Sale to ACS Growers in 2004

Crk/EGF District *

Years ** Comm.	Seed	Description	Rec. Sugar / Ton (pounds)				Revenue / Ton (dollars) ++				Rec. Sugar / Acre (pounds)				Revenue / Acre (dollars) ++			
			2003	2 Yr Mean	3 Yr Mean	3 Yr % Comm	2003	2 Yr Mean	3 Yr Mean	3 Yr % Comm	2003	2 Yr Mean	3 Yr Mean	3 Yr % Comm	2003	2 Yr Mean	3 Yr Mean	3 Yr % Comm
	3	Beta 3820(Aph)	322.4	317.3	316.4	102.2	40.65	38.19	35.74	104.3	8988	8131	7953	101.7	1137	985	905	104.0
	2	Beta 6225	312.7	303.8	NC	NC	38.41	35.18	NC	NC	8838	7977	NC	NC	1089	930	NC	NC
	1	Beta 6233	324.4	NC	NC	NC	41.10	NC	NC	NC	8764	NC	NC	NC	1112	NC	NC	NC
	4	Beta 6400(Aph)	327.8	323.1	324.8	104.9	41.89	39.51	37.52	109.5	8602	7652	7699	98.4	1102	943	893	102.6
	5	Beta 6447	326.2	318.9	319.1	103.0	41.52	38.57	36.31	106.0	8324	7582	7584	96.9	1061	922	866	99.6
	4	Beta 6600	316.5	308.2	310.0	100.1	39.29	36.15	34.30	100.1	8953	8071	7978	102.0	1116	955	889	102.3
	2	Beta 6610	322.7	311.3	NC	NC	40.72	36.89	NC	NC	8921	7921	NC	NC	1126	946	NC	NC
	5	Croplan Genetics CL101	310.1	303.1	304.2	98.2	37.82	35.01	33.06	96.5	8793	7742	7793	99.6	1074	901	851	97.8
	5	Croplan Genetics CL102	311.1	301.9	301.2	97.3	38.05	34.74	32.44	94.7	8790	7904	7881	100.7	1079	917	854	98.2
	1	Croplan Genetics CL311 (111)	323.0	NC	NC	NC	40.77	NC	NC	NC	8659	NC	NC	NC	1097	NC	NC	NC
	1	Crystal 723	321.4	NC	NC	NC	40.41	NC	NC	NC	8548	NC	NC	NC	1074	NC	NC	NC
	1	Crystal 725	317.7	NC	NC	NC	39.57	NC	NC	NC	8822	NC	NC	NC	1099	NC	NC	NC
	4	Crystal 817	320.8	317.0	318.2	102.7	40.28	38.12	36.08	105.3	8617	7851	7775	99.4	1087	952	888	102.1
	1	Crystal 820	322.3	NC	NC	NC	40.61	NC	NC	NC	9078	NC	NC	NC	1147	NC	NC	NC
	1	Crystal 822	322.2	NC	NC	NC	40.59	NC	NC	NC	8798	NC	NC	NC	1110	NC	NC	NC
	3	Crystal 952	323.4	314.3	313.8	101.3	40.87	37.55	35.18	102.7	8722	7823	7798	99.7	1103	940	877	100.9
	3	Crystal 955	315.4	305.9	307.8	99.4	39.04	35.65	33.83	98.7	8646	7787	7827	100.0	1072	913	864	99.4
	4	Crystal 999	321.1	314.9	315.3	101.8	40.33	37.66	35.48	103.5	8924	8054	7962	101.8	1121	967	900	103.4
	1	Crystal R826(Rzm)	321.4	NC	NC	NC	40.40	NC	NC	NC	8587	NC	NC	NC	1083	NC	NC	NC
	3	Hilleshog 2093	307.7	302.6	301.9	97.5	37.26	34.88	32.57	95.1	8383	7525	7454	95.3	1018	874	809	93.0
	1	Hilleshog 2129	322.6	NC	NC	NC	40.69	NC	NC	NC	8242	NC	NC	NC	1040	NC	NC	NC
	3	Holly HH-811	309.3	301.3	301.4	97.3	37.63	34.60	32.47	94.8	9031	8126	8030	102.6	1104	941	872	100.2
	1	Holly HH-956	325.1	NC	NC	NC	41.25	NC	NC	NC	9130	NC	NC	NC	1162	NC	NC	NC
	1	Seedex Magnum(SX0816 0922)	320.6	NC	NC	NC	40.23	NC	NC	NC	9356	NC	NC	NC	1179	NC	NC	NC
	9	Seedex Monarch	307.3	301.4	303.9	98.1	37.18	34.63	32.97	96.2	8732	7563	7525	96.2	1058	875	821	94.4
	5	Seedex Thunder	317.9	308.1	304.6	98.4	39.60	36.14	33.23	97.0	8965	8126	8011	102.4	1119	960	878	101.0
	4	Seedex Titan	315.5	305.8	305.6	98.7	39.05	35.63	33.39	97.5	8748	7871	7817	99.9	1086	923	858	98.7
	2	Van der Have H46177(Aph & Rzm)	316.8	310.1	NC	NC	39.36	36.59	NC	NC	8470	7615	NC	NC	1053	904	NC	NC
	5	Van der Have H66240	314.3	306.9	307.0	99.1	38.78	35.87	33.68	98.3	9070	8161	8083	103.3	1122	960	892	102.5
	2	Van der Have H66556	312.2	307.0	NC	NC	38.28	35.87	NC	NC	8888	8106	NC	NC	1090	951	NC	NC
	2	Van der Have H66561	316.1	307.6	NC	NC	39.18	36.03	NC	NC	9276	8405	NC	NC	1155	992	NC	NC
	1	Van der Have H66626	322.9	NC	NC	NC	40.76	NC	NC	NC	9082	NC	NC	NC	1148	NC	NC	NC
	32	Commercial Seed Mean	318.5	309.1	309.7	100.0	39.74	36.35	34.27	100.0	8805	7904	7823	100.0	1101	936	870	100.0
		LSD .05	7.1				1.63				404			63				

* 2003 Data from Climax MN, Crookston MN, Grand Forks ND & Tabor MN.

NC indicates non-commercial seed was involved in at least one year for this comparison.

** Varieties with 3 years may have been available as commercial seed for more than 3 years.

++ 2003 Revenue estimates are based on a \$40.09 beet payment at 17.5 % sugar and 1.5 % loss to molasses. 2002 Revenue estimate was \$37.46 and 2001 used \$31.91. Revenue does not consider hauling costs.

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