

Table 7
Three Year Performance of Varieties With 'Commercial Seed' Approved for Unlimited Sale to ACS Growers in 2004

All Crystal Districts *

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)	335.8	324.5	323.7	101.6	43.72	39.85	37.34	103.2	8239	7871	7786	100.7	1071	967	900	102.4
	2	Beta 6225	326.5	315.2	NC	NC	41.59	37.76	NC	NC	8123	7913	NC	NC	1033	947	NC	NC
	1	Beta 6233	336.7	NC	NC	NC	43.93	NC	NC	NC	8058	NC	NC	NC	1050	NC	NC	NC
	4	Beta 6400(Aph)	338.5	330.0	331.0	103.9	44.34	41.07	38.88	107.4	7812	7461	7508	97.1	1022	929	882	100.4
	5	Beta 6447	337.8	326.8	326.6	102.5	44.19	40.35	37.95	104.9	7598	7391	7422	96.0	993	912	861	98.1
	4	Beta 6600	327.3	317.3	318.5	100.0	41.77	38.22	36.19	100.0	8268	7930	7902	102.2	1055	957	899	102.4
	2	Beta 6610	332.4	318.7	NC	NC	42.94	38.56	NC	NC	8022	7694	NC	NC	1035	931	NC	NC
	5	Croplan Genetics CL101	322.9	311.7	312.7	98.2	40.75	36.97	34.93	96.5	8211	7655	7741	100.1	1036	910	865	98.5
	5	Croplan Genetics CL102	323.5	311.8	310.8	97.6	40.88	37.00	34.54	95.5	8043	7773	7835	101.3	1017	923	870	99.0
	1	Croplan Genetics CL311 (111)	333.8	NC	NC	NC	43.25	NC	NC	NC	7985	NC	NC	NC	1035	NC	NC	NC
	1	Crystal 723	337.6	NC	NC	NC	44.14	NC	NC	NC	7946	NC	NC	NC	1036	NC	NC	NC
	1	Crystal 725	331.4	NC	NC	NC	42.71	NC	NC	NC	8166	NC	NC	NC	1050	NC	NC	NC
	4	Crystal 817	335.0	325.6	326.8	102.6	43.54	40.08	37.98	105.0	7918	7696	7690	99.5	1029	949	894	101.8
	1	Crystal 820	330.1	NC	NC	NC	42.42	NC	NC	NC	8246	NC	NC	NC	1058	NC	NC	NC
	1	Crystal 822	336.6	NC	NC	NC	43.91	NC	NC	NC	8020	NC	NC	NC	1044	NC	NC	NC
	3	Crystal 952	334.5	324.0	323.0	101.4	43.43	39.74	37.18	102.8	7925	7615	7625	98.6	1027	934	877	99.9
	3	Crystal 955	329.4	317.4	318.2	99.9	42.25	38.25	36.12	99.8	8127	7859	7902	102.2	1042	947	897	102.2
	4	Crystal 999	333.6	322.3	322.6	101.3	43.23	39.35	37.09	102.5	8143	7830	7814	101.1	1052	955	899	102.3
	1	Crystal R826(Rzm)	334.8	NC	NC	NC	43.49	NC	NC	NC	7834	NC	NC	NC	1016	NC	NC	NC
	3	Hilleshog 2093	320.6	312.0	311.7	97.9	40.22	37.02	34.72	95.9	7784	7572	7498	97.0	975	898	836	95.1
	1	Hilleshog 2129	332.6	NC	NC	NC	43.00	NC	NC	NC	7346	NC	NC	NC	947	NC	NC	NC
	3	Holly HH-811	323.0	312.8	311.6	97.9	40.78	37.21	34.72	96.0	8277	7994	7961	103.0	1045	952	888	101.1
	1	Holly HH-956	336.8	NC	NC	NC	43.95	NC	NC	NC	8324	NC	NC	NC	1086	NC	NC	NC
	1	Seedex Magnum(SX0816 0922)	335.6	NC	NC	NC	43.68	NC	NC	NC	8506	NC	NC	NC	1106	NC	NC	NC
	9	Seedex Monarch	320.2	312.4	313.3	98.4	40.14	37.11	35.05	96.9	7891	7425	7439	96.2	987	883	833	94.8
	5	Seedex Thunder	328.7	316.5	313.2	98.3	42.09	38.04	35.09	97.0	8225	7959	7911	102.3	1052	957	886	100.8
	4	Seedex Titan	329.1	317.7	315.8	99.2	42.18	38.32	35.63	98.5	7928	7676	7693	99.5	1015	925	867	98.7
	2	Van der Have H46177(Aph & Rzm)	330.7	320.9	NC	NC	42.55	39.03	NC	NC	7943	7653	NC	NC	1019	930	NC	NC
	5	Van der Have H66240	326.7	316.4	315.5	99.1	41.63	38.02	35.56	98.3	8371	8019	7989	103.3	1065	964	900	102.5
	2	Van der Have H66556	327.2	317.7	NC	NC	41.75	38.30	NC	NC	8123	7946	NC	NC	1034	956	NC	NC
	2	Van der Have H66561	329.0	316.8	NC	NC	42.16	38.11	NC	NC	8484	8141	NC	NC	1087	980	NC	NC
	1	Van der Have H66626	334.7	NC	NC	NC	43.46	NC	NC	NC	8301	NC	NC	NC	1077	NC	NC	NC
	32	Commercial Seed Mean	331.0	318.5	318.4	100.0	42.63	38.49	36.19	100.0	8068	7765	7732	100.0	1037	938	878	100.0
		LSD .05	5.2				1.21				262			41				

* 2003 Data from Kindred, Halstad, Climax, Crookston, Grand Forks, Tabor, St Thomas, Cavalier & Humbolt.

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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