

Table 6
Three Year Performance of Varieties Approved for Unlimited Sale to ACS Growers in 2004
Drayton District *

Description	Years Comm Seed +	Rec. Sugar / Ton (pounds)			Revenue / Ton (dollars) ++			Rec. Sugar / Acre (pounds)			Revenue / Acre (dollars) ++			Loss to Molasses (%)			Sugar Content (%)			Root Yield (Tons / Acre)		
		2003	3 Yr Mean	3 Yr % Mean	2003	3 Yr Mean	3 Yr % Mean	2003	3 Yr Mean	3 Yr % Mean	2003	3 Yr Mean	3 Yr % Mean	2003	3 Yr Mean	3 Yr % Mean	2003	3 Yr Mean	3 Yr % Mean	2003	3 Yr Mean	3 Yr % Mean
Beta 3820(Aph)	3	341.8	331.8	99.0	45.10	39.07	98.3	7564	7558	99.0	1000	893	98.4	1.03	1.28	100.1	18.12	17.87	99.1	22.07	22.82	100.0
Beta 6225	2	340.1	332.8	99.3	44.72	39.23	98.7	7712	7880	103.3	1016	929	102.5	0.99	1.24	96.7	17.99	17.88	99.1	22.62	23.70	103.9
Beta 6233	1	344.9	339.2	101.2	45.81	40.62	102.2	7456	7623	99.9	994	913	100.7	1.03	1.25	97.8	18.28	18.21	101.0	21.53	22.56	98.9
Beta 6400(Aph)	4	343.6	342.8	102.3	45.52	41.37	104.1	7217	7204	94.4	959	872	96.2	1.11	1.31	102.2	18.29	18.44	102.3	20.88	21.02	92.1
Beta 6447	5	345.2	338.5	101.0	45.88	40.49	101.9	7115	7169	93.9	949	858	94.6	1.07	1.33	103.7	18.33	18.26	101.3	20.51	21.28	93.3
Beta 6600	4	336.1	334.1	99.7	43.80	39.47	99.3	7742	7804	102.3	1012	923	101.8	1.01	1.24	96.5	17.81	17.94	99.5	22.94	23.42	102.7
Beta 6610	2	339.5	333.9	99.6	44.57	39.43	99.2	7229	7558	99.0	954	892	98.4	1.01	1.26	98.3	17.98	17.95	99.5	21.18	22.63	99.2
Croplan Genetics CL101	5	334.5	326.6	97.5	43.42	37.89	95.3	7792	7521	98.5	1015	873	96.3	1.15	1.36	106.3	17.87	17.69	98.1	23.18	23.06	101.1
Croplan Genetics CL102	5	335.6	329.2	98.2	43.67	38.47	96.8	7698	7761	101.7	1006	908	100.2	1.09	1.32	103.2	17.87	17.78	98.6	22.78	23.56	103.3
Croplan Genetics CL311 (111)	1	338.9	338.7	101.1	44.42	40.49	101.9	7414	7666	100.5	975	921	101.6	1.05	1.25	97.4	17.99	18.18	100.8	21.78	22.65	99.3
Crystal 723	1	352.0	346.4	103.4	47.45	42.19	106.2	7599	7636	100.1	1027	932	102.8	1.00	1.20	93.6	18.60	18.51	102.6	21.51	22.08	96.8
Crystal 725	1	341.8	336.7	100.5	45.10	40.08	100.8	7758	7858	103.0	1027	940	103.7	1.05	1.27	98.7	18.14	18.10	100.4	22.62	23.27	102.0
Crystal 817	4	345.3	340.6	101.6	45.91	40.90	102.9	7618	7519	98.5	1017	905	99.8	1.04	1.27	99.1	18.30	18.30	101.5	21.96	22.16	97.1
Crystal 820	1	335.1	338.4	101.0	43.55	40.38	101.6	7608	7937	104.0	992	950	104.8	1.06	1.22	95.2	17.82	18.13	100.5	22.61	23.48	102.9
Crystal 822	1	350.1	350.5	104.6	47.02	43.02	108.3	7527	7549	98.9	1013	929	102.5	1.03	1.21	94.4	18.53	18.72	103.8	21.44	21.65	94.9
Crystal 952	3	342.6	338.0	100.9	45.29	40.35	101.5	7391	7424	97.3	979	889	98.0	1.06	1.29	100.6	18.19	18.18	100.8	21.51	22.00	96.4
Crystal 955	3	343.7	332.6	99.2	45.53	39.22	98.7	7841	7938	104.0	1042	936	103.3	1.07	1.35	105.0	18.25	17.98	99.7	22.74	23.94	104.9
Crystal 999	4	339.7	332.0	99.1	44.61	39.09	98.4	7340	7568	99.2	966	893	98.5	1.03	1.27	99.3	18.01	17.87	99.1	21.55	22.82	100.0
Crystal R826(Rzm)	1	343.7	334.7	99.9	45.54	39.69	99.9	7224	7173	94.0	960	855	94.3	1.07	1.33	103.9	18.26	18.07	100.2	20.93	21.43	93.9
Hilleshog 2093	3	331.5	327.3	97.7	42.74	38.03	95.7	7628	7674	100.6	985	894	98.6	1.13	1.35	105.3	17.70	17.72	98.2	22.95	23.48	102.9
Hilleshog 2129	1	338.1	344.0	102.6	44.25	41.57	104.6	6540	7412	97.1	858	894	98.6	1.05	1.23	95.8	17.96	18.42	102.1	19.28	21.58	94.6
Holly HH-811	3	335.4	326.9	97.6	43.63	38.00	95.6	7752	7781	102.0	1012	907	100.0	1.06	1.32	103.2	17.83	17.67	98.0	23.01	23.85	104.5
Holly HH-956	1	345.7	337.2	100.6	45.99	40.24	101.3	7871	7839	102.7	1050	939	103.5	1.02	1.30	101.7	18.30	18.17	100.7	22.69	23.29	102.1
Seedex Magnum(SX0816 0922)	1	344.2	337.7	100.8	45.66	40.34	101.5	7875	7856	102.9	1047	942	103.9	1.05	1.30	101.4	18.26	18.18	100.8	22.81	23.36	102.4
Seedex Monarch	9	330.3	328.7	98.1	42.45	38.31	96.4	7305	7271	95.3	942	851	93.8	1.09	1.31	102.4	17.60	17.74	98.4	22.04	22.08	96.8
Seedex Thunder	5	337.3	325.4	97.1	44.07	37.72	94.9	7708	7715	101.1	1011	895	98.7	1.11	1.38	107.4	17.97	17.64	97.8	22.75	23.73	104.0
Seedex Titan	4	339.3	329.4	98.3	44.52	38.58	97.1	7215	7436	97.4	951	871	96.0	1.00	1.29	100.4	17.96	17.75	98.4	21.15	22.55	98.8
Van der Have H46177(Aph & Rzm)	2	336.7	335.3	100.1	43.93	39.73	100.0	7600	7534	98.7	994	896	98.8	1.05	1.18	92.3	17.88	17.94	99.5	22.48	22.49	98.6
Van der Have H66240	5	337.6	331.4	98.9	44.15	38.96	98.0	7856	7931	103.9	1030	932	102.8	1.12	1.34	104.8	18.00	17.91	99.3	23.19	23.96	105.0
Van der Have H66556	2	337.0	330.6	98.6	44.00	38.75	97.5	7500	7800	102.2	983	914	100.8	1.03	1.28	100.0	17.88	17.81	98.7	22.15	23.56	103.3
Van der Have H66561	2	340.6	334.3	99.8	44.82	39.54	99.5	7846	7833	102.6	1035	929	102.4	1.03	1.22	95.2	18.06	17.93	99.4	22.98	23.45	102.8
Van der Have H66626	1	342.1	338.5	101.0	45.16	40.47	101.8	7876	7793	102.1	1044	937	103.3	1.04	1.25	97.9	18.14	18.17	100.7	22.92	23.13	101.4
Mean of 32 LSD .05	32	340.3 7.7	335.1	100.0	44.76 1.76	39.74	100.0	7544 367	7632	100.0	995 54	907	100.0	1.05 0.06	1.28	100.0	18.07 0.36	18.03	100.0	22.09 1.05	22.81	100.0

* 2003 Data from St. Thomas ND, Cavalier ND & Humbolt MN.

++ 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.