

Table 50

## Calculation for Full Market Approval of Sugarbeet Varieties for ACSC for 2004

Updated 11-14-03		Rec. Sugar/Ton						Rec. Sugar/Acre					Rec/T + Rec/A %		Cercospora Ratings				
Previously Approved Varieties	Approval Status	2001	2002	2003	3 Yr Mean	3 Yr % Appr.	> 98.5% Appr.	2001	2002	2003	3 Yr Mean	3 Yr % Appr.	3 Yr % Appr.	> 195% Total	2001	2002	2003	3 Yr Mean	< 5.40 *
		Beta 3820(Aph)	Approved	322.0	313.3	335.8	323.7	100.2	Yes	7616	7503	8239	7786	99.8	200.0	Yes	4.35	4.37	4.28
Beta 6225	Approved	326.6	303.9	326.5	319.0	98.7	Yes	8144	7703	8123	7990	102.5	201.2	Yes	4.88	4.67	4.44	4.66	Yes
Beta 6233	Approved	324.4	312.3	336.7	324.5	100.4	Yes	7854	7566	8058	7826	100.4	200.8	Yes	4.38	4.67	4.64	4.56	Yes
Beta 6400(Aph)	Approved	332.9	321.6	338.5	331.0	102.4	Yes	7602	7109	7812	7508	96.3	198.7	Yes	4.46	4.56	4.01	4.34	Yes
Beta 6447	Approved	326.1	315.7	337.8	326.6	101.1	Yes	7483	7184	7598	7422	95.2	196.3	Yes	4.81	4.90	4.97	4.89	Yes
Beta 6600	Approved	321.0	307.3	327.3	318.5	98.6	Yes	7848	7592	8268	7902	101.3	199.9	Yes	4.51	4.88	4.85	4.75	Yes
Beta 6610	Approved	321.3	305.1	332.4	319.6	98.9	Yes	7996	7367	8022	7795	100.0	198.9	Yes	4.46	4.76	4.81	4.67	Yes
Crystal 723	Approved	330.3	319.5	337.6	329.1	101.8	Yes	7712	7603	7946	7754	99.4	201.2	Yes	4.32	4.44	4.42	4.39	Yes
Crystal 725	Approved	326.5	313.0	331.4	323.6	100.2	Yes	8131	7691	8166	7996	102.5	202.7	Yes	4.54	4.47	4.38	4.46	Yes
Crystal 817	Approved	329.3	316.2	335.0	326.8	101.1	Yes	7679	7474	7918	7690	98.6	199.7	Yes	4.81	5.06	5.04	4.97	Yes
Crystal 820	Approved	323.5	313.7	330.1	322.4	99.8	Yes	7994	7945	8246	8061	103.4	203.2	Yes	4.66	4.79	4.48	4.64	Yes
Crystal 822	Approved	332.4	320.4	336.6	329.8	102.1	Yes	7883	7584	8020	7829	100.4	202.5	Yes	4.49	4.74	4.64	4.62	Yes
Crystal 952	Approved	320.8	313.6	334.5	323.0	99.9	Yes	7646	7304	7925	7625	97.8	197.7	Yes	4.42	4.70	4.28	4.47	Yes
Crystal 955	Approved	319.9	305.4	329.4	318.2	98.5	Yes	7989	7591	8127	7902	101.3	199.8	Yes	4.54	5.04	4.94	4.84	Yes
Crystal 999	Approved	323.3	311.0	333.6	322.6	99.8	Yes	7783	7517	8143	7814	100.2	200.0	Yes	4.63	4.53	4.31	4.49	Yes
Crystal R826(Rzm)	NO	318.1	313.1	334.8	322.0	99.6	Yes	7316	7108	7834	7420	95.2	194.8	NO	4.56	4.51	4.53	4.53	Yes
Seedex Magnum(SX0816 0922)	Approved	317.1	317.5	335.6	323.4	100.1	Yes	7777	7934	8506	8072	103.5	203.6	Yes	4.76	4.74	5.14	4.88	Yes
Van der Have H46177(Aph & Rzm)	Approved	325.0	311.1	330.7	322.3	99.7	Yes	7738	7364	7943	7681	98.5	198.2	Yes	4.35	4.09	3.90	4.11	Yes
Van der Have H66556	NO	317.5	308.1	327.2	317.6	98.3	NO	7870	7769	8123	7921	101.6	199.9	Yes	4.59	4.83	4.88	4.77	Yes
Van der Have H66561	Approved	323.6	304.6	329.0	319.0	98.7	Yes	7596	7798	8484	7959	102.1	200.8	Yes	4.86	5.04	5.15	5.02	Yes
Mean of 20 varieties approved in 2002		324.1	312.3	333.0	323.1			7782.9	7535.3	8075.1	7797.7		200.0					4.62	
Candidates for Approval	Approval Status						> 100% Appr.						> 195% Total					< 5.20 Cerc.	
Beta 3800(Aph)	NO	321.0	305.5	325.0	317.2	98.2	NO	8034	7627	8025	7895	101.3	199.5	Yes	4.53	4.70	4.71	4.64	Yes
Beta 4818R(Aph & Rzm)	NO	317.2	300.8	330.1	316.0	97.8	NO	7693	7327	8026	7682	98.5	196.3	Yes	4.63	4.95	4.92	4.83	Yes
Croplan Genetics CL311 (111)	Approved	321.7	315.5	333.8	323.7	100.2	Yes	7669	7636	7985	7763	99.6	199.8	Yes	4.68	4.88	4.97	4.84	Yes
Hilleshog 2129	Approved	327.0	316.3	332.6	325.3	100.7	Yes	7774	7597	7346	7572	97.1	197.8	Yes	4.91	5.20	4.73	4.95	Yes
Hilleshog 2236(Aph)	NO	307.5	303.7	315.0	308.8	95.5	NO	7798	7114	7303	7405	95.0	190.5	NO	4.00	4.33	3.71	4.01	Yes
Hilleshog 2239(Aph)	NO	307.4	301.7	321.4	310.1	96.0	NO	7736	7529	7462	7576	97.2	193.2	NO	4.93	4.90	4.87	4.90	Yes
Hilleshog 2411Rz	NO	313.7	304.1	327.4	315.1	97.5	NO	7215	7232	7767	7405	95.0	192.5	NO	4.30	4.37	4.58	4.42	Yes
Hilleshog 2433Rz	NO	309.6	307.1	327.8	314.8	97.4	NO	7319	6842	7424	7195	92.3	189.7	NO	4.07	4.13	3.77	3.99	Yes
Holly HH-956	Approved	318.9	316.6	336.8	324.1	100.3	Yes	7882	7715	8324	7973	102.3	202.6	Yes	5.06	4.64	5.18	4.96	Yes
Seedex SX0822(Prizm Aph)	NO	308.8	301.5	334.3	314.9	97.4	NO	7465	7474	7976	7638	98.0	195.4	Yes	4.32	3.75	3.90	3.99	Yes
Seedex Aurora(SX823 925 Aph)	NO	311.4	308.8	331.2	317.1	98.1	NO	7641	7773	7992	7802	100.1	198.2	Yes	4.03	4.10	4.25	4.13	Yes
Van der Have H66626	Approved	326.3	311.3	334.7	324.1	100.3	Yes	7726	7776	8301	7934	101.7	202.0	Yes	4.53	4.84	5.24	4.87	Yes
Van der Have H66629	NO	320.8	304.6	327.2	317.5	98.3	NO	7720	7711	8454	7962	102.1	200.4	Yes	5.18	5.02	5.11	5.10	Yes
Mean of 22 varieties approved for 2004		324.54	312.94	333.48	323.65			7796.45	7570.56	8068.15	7811.7								

\* All Cercospora readings 2001-2003 were adjusted to 1982 (5.50) basis.

Created 11-5-03.

Varieties that were not included in the mean of the approved varieties, but may continue to be sold in unlimited quantities include:

Croplan 101, Croplan 102, Hilleshog 2093, Holly HH-811, Seedex Monarch, Seedex Thunder, Seedex Titan &amp; Van der Have H66240