

Table 11  
2 Year Performance of All Varieties Approved for Sale to ACS Growers in 2004.

Description	Approved For	Rec/Ton		Rev/Ton		Rec/Acre		Rev/Acre		Loss to Molasses		Sugar Content		Root Yield		Cercospora **	
		Lbs.	% Mean	\$	% Mean	Lbs.	% Mean	\$	% Mean	%	% Mean	%	% Mean	Tons/Acre	% Mean	(1-9)	% Mean
Beta 3800(Aph)	Aph	315.27	99	37.76	98	7826.04	102	936.54	101	1.16	96	16.92	99	24.84	103	4.70	101
Beta 3820(Aph)	Full Market & Aph	324.54	102	39.85	103	7870.55	102	967.38	104	1.14	94	17.37	101	24.25	100	4.33	93
Beta 4811R(Aph & Rzm)	Aph & Rzm	298.92	94	34.14	89	7148.41	93	814.99	88	1.25	104	16.19	94	23.95	99	4.42	95
Beta 4818R(Aph & Rzm)	Aph & Rzm	315.46	99	37.83	98	7676.78	100	920.46	99	1.21	101	16.99	99	24.35	101	4.93	106
Beta 6225	Full Market	315.22	99	37.76	98	7913.21	103	946.92	102	1.14	94	16.90	99	25.13	104	4.55	98
Beta 6233	Full Market	324.51	102	39.85	103	7811.68	101	958.65	103	1.19	99	17.42	102	24.09	100	4.65	100
Beta 6400(Aph)	Full Market & Aph	330.02	104	41.07	107	7460.89	97	929.36	100	1.21	100	17.71	103	22.59	93	4.28	92
Beta 6447	Full Market	326.77	103	40.35	105	7390.93	96	912.24	98	1.22	101	17.56	102	22.63	93	4.94	106
Beta 6600	Full Market	317.30	100	38.22	99	7929.83	103	956.66	103	1.17	97	17.03	99	24.97	103	4.87	104
Beta 6610	Full Market	318.74	100	38.56	100	7694.28	100	930.80	100	1.18	98	17.12	100	24.14	100	4.78	103
Beta BX1194(Aph)	Test Market & Aph	324.84	102	39.90	104	8082.25	105	990.05	106	1.20	100	17.44	102	24.92	103	4.52	97
Beta BX1196(Rzm)	Rzm	314.53	99	37.61	98	7531.12	98	900.63	97	1.15	95	16.87	98	23.96	99	4.75	102
Beta BX1197(4797R Rzm)	Rzm	321.75	101	39.21	102	8105.72	105	986.05	106	1.22	101	17.31	101	25.23	104	4.91	106
Beta BX1198(4898R Rzm)	Rzm	299.63	94	34.34	89	7230.84	94	826.07	89	1.24	103	16.22	95	24.21	100	4.05	87
Croplan Genetics CL101	Full Market	311.72	98	36.97	96	7654.98	99	910.17	98	1.27	105	16.85	98	24.52	101	5.06	109
Croplan Genetics CL102	Full Market	311.85	98	37.00	96	7773.38	101	923.31	99	1.23	102	16.82	98	24.90	103	4.89	105
Croplan Genetics CL311 (111)	Full Market	324.64	102	39.85	103	7810.71	101	959.08	103	1.18	98	17.41	102	24.04	99	4.93	106
Crystal 723	Full Market	328.54	103	40.75	106	7774.34	101	963.18	103	1.14	94	17.57	102	23.69	98	4.43	95
Crystal 725	Full Market	322.22	101	39.32	102	7928.65	103	967.23	104	1.16	96	17.27	101	24.61	102	4.43	95
Crystal 817	Full Market	325.59	102	40.08	104	7696.22	100	948.70	102	1.20	99	17.48	102	23.61	98	5.05	108
Crystal 820	Full Market & Aph	321.89	101	39.24	102	8095.27	105	987.00	106	1.17	97	17.26	101	25.13	104	4.64	100
Crystal 822	Full Market & Aph	328.49	103	40.73	106	7802.07	101	966.84	104	1.19	99	17.61	103	23.77	98	4.69	101
Crystal 952	Full Market & Aph	324.03	102	39.74	103	7614.72	99	933.67	100	1.20	100	17.40	102	23.52	97	4.49	96
Crystal 955	Full Market	317.38	100	38.25	99	7858.96	102	947.45	102	1.22	101	17.09	100	24.74	102	4.99	107
Crystal 999	Full Market	322.31	101	39.35	102	7829.94	102	955.45	103	1.18	98	17.30	101	24.32	100	4.42	95
Crystal CX204	Test Market	324.46	102	39.83	103	8013.60	104	981.28	105	1.22	101	17.44	102	24.75	102	4.58	98
Crystal CX206	Test Market	325.40	102	40.02	104	8016.90	104	986.69	106	1.19	99	17.46	102	24.61	102	4.49	96
Crystal R207	Rzm	308.59	97	36.31	94	6963.39	90	816.58	88	1.40	116	16.83	98	22.63	93	4.71	101
Crystal R826(Rzm)	Full Market & Rzm	323.95	102	39.72	103	7471.24	97	917.34	99	1.24	103	17.44	102	23.03	95	4.52	97
Hilleshog 2093	Full Market	312.00	98	37.02	96	7571.89	98	898.21	96	1.27	105	16.87	98	24.28	100	4.73	101
Hilleshog 2129	Full Market	324.49	102	39.81	103	7471.46	97	914.11	98	1.20	100	17.42	102	23.06	95	4.96	107
Hilleshog 2162(7162)	Test Market	332.13	104	41.51	108	7613.14	99	951.66	102	1.12	93	17.72	103	22.92	95	5.14	110
Hilleshog 2236(Aph)	Aph	309.39	97	36.42	94	7208.10	94	847.17	91	1.20	100	16.67	97	23.33	96	4.02	86
Hilleshog 2239(Aph)	Aph	311.53	98	36.93	96	7495.49	97	884.34	95	1.25	104	16.83	98	24.15	100	4.89	105
Hilleshog 2264(7164 Aph)	Aph	316.06	99	37.93	98	7431.39	96	889.00	95	1.22	102	17.02	99	23.60	98	4.23	91
Hilleshog 2411Rz	Rzm	315.76	99	37.88	98	7499.45	97	900.10	97	1.25	104	17.03	99	23.74	98	4.48	96
Hilleshog 2433Rz	Rzm	317.46	100	38.26	99	7133.24	93	858.95	92	1.20	100	17.07	100	22.51	93	3.95	85
Hilleshog 2463Rz(7163 Aph)	Rzm	308.74	97	36.32	94	7837.60	102	918.75	99	1.26	105	16.70	97	25.49	105	4.70	101
Hilleshog 2467(7167 Rz)	Rzm	313.83	98	37.46	97	7650.47	99	909.40	98	1.24	104	16.94	99	24.48	101	4.87	105
Hilleshog 2468(7168 Rz)	Rzm	322.26	101	39.33	102	7371.19	96	898.96	97	1.29	107	17.40	102	22.88	95	5.05	108
Hilleshog 2469(7169 Rz Aph)	Aph & Rzm	301.10	94	34.63	90	7850.74	102	899.70	97	1.31	109	16.37	96	26.15	108	4.82	103
Hilleshog 7172Rz	Rhc & Rzm	305.77	96	35.66	93	7003.04	91	816.59	88	1.21	101	16.49	96	22.93	95	3.15	68
Holly 02HX250	Test Market	326.41	102	40.26	104	8005.43	104	985.66	106	1.18	98	17.50	102	24.57	102	4.96	106
Holly HH-811	Full Market	312.80	98	37.21	97	7994.49	104	951.60	102	1.25	104	16.89	99	25.54	106	5.03	108
Holly HH-956	Full Market	326.69	103	40.33	105	8019.30	104	991.74	107	1.17	97	17.51	102	24.52	101	4.91	105
Seedex SX0822(Aph & Rzm)	Aph	317.93	100	38.40	100	7724.95	100	930.49	100	1.13	94	17.03	99	24.36	101	3.82	82
Seedex SX0828(Aph & Rzm)	Test Market & Aph & Rzm	324.10	102	39.71	103	7731.58	100	946.48	102	1.14	95	17.34	101	23.86	99	5.19	111
Seedex Aurora(SX823 925 Aph)	Aph	320.01	100	38.83	101	7882.91	102	954.38	102	1.13	94	17.13	100	24.67	102	4.17	90
Seedex Magnum(SX0816 0922)	Full Market	326.55	102	40.30	105	8220.26	107	1014.66	109	1.16	96	17.48	102	25.18	104	4.94	106
Seedex Monarch	Full Market	312.42	98	37.11	96	7424.66	96	883.02	95	1.23	102	16.85	98	23.77	98	5.01	107
Seedex Thunder	Full Market	316.47	99	38.04	99	7958.53	103	956.56	103	1.26	104	17.08	100	25.16	104	4.90	105
Seedex Titan	Full Market	317.72	100	38.32	99	7676.31	100	925.03	99	1.20	99	17.08	100	24.18	100	4.93	106
Van der Have H46177(Aph & Rzm)	Full Market & Aph & Rzm	320.89	101	39.03	101	7653.19	99	930.28	100	1.16	96	17.20	100	23.87	99	3.99	86
Van der Have H46521(Aph & Rhc)	Rhc	316.02	99	37.92	98	7322.26	95	876.72	94	1.15	96	16.95	99	23.18	96	4.12	89
Van der Have H66240	Full Market	316.38	99	38.02	99	8019.26	104	963.91	104	1.27	105	17.08	100	25.35	105	4.90	105
Van der Have H66556	Full Market	317.69	100	38.30	99	7946.25	103	956.34	103	1.19	99	17.07	100	25.06	104	4.86	104
Van der Have H66561	Full Market	316.79	99	38.11	99	8141.05	106	979.70	105	1.18	98	17.02	99	25.69	106	5.10	109
Van der Have H66626	Full Market	322.98	101	39.50	102	8038.36	104	983.57	106	1.19	99	17.34	101	24.87	103	5.04	108
Van der Have H66725(Aph)	Test Market & Aph	333.36	105	41.79	108	7812.97	101	977.40	105	1.14	95	17.82	104	23.49	97	4.97	107
Mean of 22 full market varieties approved for sale in 2004	59	318.72		38.54		7706.54		931.10		1.20		17.14		24.20		4.66	

Data from semi-commercial trials upgraded to commercial status.

\*\* Lower numbers indicate better CR tolerance (from Shakopee nursery).

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++ 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. Revenue does not consider hauling costs.