

Table 40

Three Year Performance Summary of Commercial Minn-Dak Entries in 2003  
Minn-Dak Factory Area (All Location)\*

Description @	Years Comm Seed +	Rec. Sugar / Ton (pounds)			Rec. Sugar / Acre (pounds)			Loss to Molasses (%)			Cercospora Rating** (1-9)		Aphanomyces Root Rating	
		3 Yr Mean	3 Yr Mean	3 Yr % Mean	2003	Mean	3 Yr % Mean	2003	Mean	3 Yr % Mean	2003	Mean	2003	Mean
		2003	Mean	3 Yr % Mean	2003	Mean	3 Yr % Mean	2003	Mean	3 Yr % Mean	2003	Mean	2003	Mean
Beta 3800(Aph)	3	325.6	314.8	100.6	8650.5	7719.4	100.7	1.4	1.4	96.5	4.71	4.64	4.47	4.45
Beta 3820(Aph)	3	339.1	325.4	104.0	8441.4	7673.7	100.1	1.3	1.3	95.3	4.28	4.34	4.45	4.65
Beta 3861(BX0961 Aph Spec)	1	322.8	314.7	100.5	8477.0	7814.1	101.9	1.4	1.4	98.4	4.35	4.52	4.30	4.60
Beta 4811R(Aph & Rzm)	5	307.9	296.4	94.7	8093.4	7254.3	94.6	1.5	1.5	103.9	4.44	4.63	4.18	4.03
Beta 4818R(Aph & Rzm)	2	317.9	304.9	97.4	8450.8	7525.3	98.2	1.5	1.5	106.5	4.92	4.83	4.43	4.33
Beta 6225	2	325.6	317.8	101.5	8552.7	8027.0	104.7	1.4	1.3	93.2	4.44	4.66	4.97	5.41
Beta 6663(BX0963)	4	317.1	315.1	100.7	8336.7	7912.7	103.2	1.5	1.4	103.1	4.48	4.53	5.13	5.26
Beta BX1101(Aph)	NC	312.6			8622.7			1.4			4.32		4.22	
Beta BX1108(Rzm)	NC	320.6			8414.8			1.6			5.09		5.71	
Beta BX1314(Rzm)	NC	293.4			8420.9			1.6			5.50		4.60	
Beta BX1315(Aph)	NC	313.4			8800.0			1.5			4.74		3.82	
Beta BX1316(Rzm)	NC	321.1			8388.8			1.6			5.06		4.45	
Beta BX1317(Rzm)	NC	314.0			8974.5			1.5			4.88		4.20	
Beta BX1318(Rzm)	NC	306.8			8481.5			1.6			5.57		5.50	
Croplan Genetics CL101	8	316.1	307.9	98.4	8426.0	7722.0	100.7	1.5	1.5	107.7	5.30	5.02	5.65	5.59
Croplan Genetics CL314 (114)	1	328.7	314.4	100.5	8380.1	7865.1	102.6	1.5	1.4	98.7	5.28	5.02	4.89	
Crystal 820	1	327.8	318.4	101.7	8589.9	7926.8	103.4	1.4	1.4	98.3	4.48	4.64	4.10	4.43
Crystal 956(Aph)	2	333.8	321.5	102.7	8461.6	7726.8	100.8	1.4	1.4	98.9	4.33	4.36	4.43	4.70
Crystal 999	4	325.0	320.3	102.3	8271.2	7839.0	102.3	1.4	1.4	99.8	4.31	4.49	4.45	4.76
Crystal A300(Aph)	NC	338.7			8629.2			1.5			4.48		4.14	
Crystal R338(Rzm)	NC	313.7			7982.1			1.5			4.33		5.02	
Crystal R357(Rzm & Aph)	NC	318.5			8351.4			1.6			4.84		4.20	
Crystal R826(Rzm)	1	333.6			7954.4			1.5			4.53		4.23	
Crystal R932(Rzm & Aph)	NC	316.1			7452.7			1.6			4.42		4.76	
Hilleshog 2236(Aph)	NC	316.5	308.2	98.5	7277.9	7066.3	92.2	1.4	1.4	99.1	3.71	4.01	4.72	4.42
Hilleshog 2411Rz	NC	330.8	314.8	100.6	8297.2	7521.8	98.1	1.4	1.5	103.6	4.58	4.42	6.53	
Hilleshog 2463Rz(7163 Aph)	NC	325.1			8202.7			1.4			4.56		3.90	
Hilleshog 2467(7167 Rz)	NC	328.9			8437.3			1.5			4.83		6.19	
Hilleshog 2469(7169 Rz Aph)	NC	317.4			8408.3			1.5			4.79		3.67	
Hilleshog 2475(7175 Rz)	NC	313.0			8492.1			1.5			4.28		5.96	
Hilleshog 2476(7176 Rz)	NC	319.2			8192.5			1.5			4.45		6.20	
Hilleshog 7078	4	324.0	308.7	98.6	8690.5	7814.2	101.9	1.5	1.5	104.8	4.84	4.98	5.78	6.12
Hilleshog 7089	4	311.0	306.4	97.9	7294.3	7085.3	92.4	1.4	1.4	98.4	4.33	4.39	5.97	6.02
Hilleshog 7172Rz	NC	317.0			7317.1			1.5			3.12		6.05	
Hilleshog 7192(Aph)	NC	328.3			8665.5			1.4			5.76		6.23	
Hilleshog 7197Rz	NC	314.5			8812.1			1.5			5.37		4.92	
Hilleshog 7198Rz	NC	306.4			8530.9			1.5			4.56		6.93	
Hilleshog 7199Rz	NC	300.6			8643.4			1.5			4.58		6.69	
Hilleshog 7200Rz	NC	306.9			8794.0			1.4			4.31		7.76	
Hilleshog 7201Rz(Aph)	NC	310.4			8397.7			1.5			4.61		7.35	
Hilleshog 7206Rz	NC	321.8			8708.0			1.4			5.44		6.12	
Holly HH-114	5	308.4	299.9	95.8	8472.3	7843.2	102.3	1.6	1.5	105.8	4.83	4.28	5.91	5.35
Holly HH-115	5	318.2	309.7	98.9	8491.1	7847.2	102.4	1.5	1.5	104.1	5.06	4.88	5.41	5.51
Holly 117(00HX017)	1	326.6	314.6	100.5	8770.3	7868.8	102.7	1.4	1.4	99.8	5.27	4.93	6.07	
Holly HH-150	NC	327.6	314.2	100.4	8300.3	7861.5	102.6	1.4	1.4	98.2	4.74	4.80	5.41	
Seedex 0924(SX0924 Aph & Rzm)	NC	329.1	313.6	100.2	7772.8	7417.2	96.8	1.3	1.3	93.0	3.96	3.88	4.35	4.30
Seedex SX0928(Aph & Rzm)	NC	331.8			7578.0			1.4			5.26		5.41	
Seedex SX0931(Aph & Rzm)	NC	331.8			8139.5			1.3			3.64		3.47	
Seedex SX0932(Aph & Rhc)	NC	311.4			7592.9			1.5			4.13		7.21	
Seedex Aspen (SX0917)	1	329.6	319.5	102.1	8351.9	7422.5	96.8	1.4	1.4	97.5	4.46	4.55	5.33	
Seedex Aurora(SX823 925 Aph)	1	326.5	314.4	100.4	8505.7	7668.0	100.0	1.4	1.4	97.0	4.25	4.13	4.65	4.61
Seedex Gladiator	10	319.1	310.0	99.0	8289.4	7671.2	100.1	1.5	1.5	103.4	5.19	4.93	5.93	5.69
Seedex Magnum(SX0816 0922)	1	327.8	317.9	101.6	8332.5	7675.7	100.1	1.4	1.3	95.4	5.14	4.88	5.47	
Seedex Monarch	10	310.9	307.6	98.3	8157.6	7463.5	97.4	1.5	1.5	104.3	4.97	5.02	6.73	5.79
Van der Have H46177(Aph & Rzm)	3	328.4	320.5	102.4	7856.7	7404.6	96.6	1.4	1.3	90.8	3.90	4.11	4.64	4.34
Van der Have H46519(Rzm)	NC	307.0			8510.3			1.6			5.35		4.30	
Van der Have H66453	2	315.8	308.5	98.6	8392.2	7725.2	100.8	1.5	1.4	101.0	5.20	4.89	6.82	6.20
Van der Have H66556	1	320.4	312.1	99.7	8319.8	7911.2	103.2	1.5	1.4	100.8	4.88	4.77	5.24	
Van der Have H66561	1	322.6	315.9	100.9	8697.3	7956.1	103.8	1.5	1.4	99.4	5.15	5.02	5.87	
Van der Have H66728	NC	328.5			8672.4			1.4			5.08		5.72	
Mean		320.6	313.0	100.0	8286	7665	100.0	1.46	1.41	100	4.70	4.63	5.45	5.19

\* 2001 Fairmount, Norcross, 2002 Breckenridge &amp; Colfax, 2003 Foxhome, Fairmount.

\*\* Lower numbers indicate better Cerc. resistance (1=Ex,9=Poor).

+ Years Comm Seed indicates how long commercial seed has been planted in the official trials.

@ Some varieties not approved for sale. Refer to approval list for approval status.

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