

Table 42
2003 Performance of Varieties - Minn-Dak Commercial Coded Test
All Location - (2 sites) - All Characters

Description @	Code	Rec/T lbs.	Rec/A lbs.	Loss Mol %	Rev/T \$ ++	Rev/A \$ ++	Sugar %	Yield T/A	Na ppm	K ppm	AmN ppm	Vigor + Rating	Emerg. %	Bolter %
Beta 3800(Aph)	240	325.6	8650	1.39			17.66	26.56	515	1900	385	2.9	87.3	0.00
Beta 3820(Aph)	207	339.1	8441	1.31			18.27	24.96	385	1990	349	2.9	85.9	0.00
Beta 3861(BX0961 Aph Spec)	218	322.8	8477	1.38			17.52	26.26	529	1846	384	3.0	88.6	0.00
Beta 4811R(Aph & Rzm)	254	307.9	8093	1.50			16.89	26.48	561	2008	421	3.1	84.5	0.00
Beta 4818R(Aph & Rzm)	210	317.9	8451	1.48			17.38	26.58	519	2073	407	3.1	72.9	0.00
Beta 6225	229	325.6	8553	1.38			17.66	26.40	576	1792	381	2.7	87.5	0.00
Beta 6663(BX0963)	231	317.1	8337	1.54			17.39	26.41	503	2015	471	3.0	91.0	0.00
Beta BX1101(Aph)	202	312.6	8623	1.39			17.02	27.71	492	1879	394	2.9	91.0	0.00
Beta BX1108(Rzm)	250	320.6	8415	1.61			17.64	26.35	603	2212	440	3.3	57.7	0.00
Beta BX1314(Rzm)	225	293.4	8421	1.60			16.27	29.03	666	2078	446	2.9	84.8	0.00
Beta BX1315(Aph)	258	313.4	8800	1.47			17.12	28.17	497	2031	413	2.8	91.7	0.00
Beta BX1316(Rzm)	242	321.1	8389	1.55			17.60	26.23	486	2120	459	2.8	72.8	0.00
Beta BX1317(Rzm)	219	314.0	8975	1.51			17.21	28.61	430	2058	464	2.5	85.8	0.00
Beta BX1318(Rzm)	248	306.8	8482	1.64			16.98	27.68	705	2008	476	2.3	96.8	0.04
Croplan Genetics CL101	263	316.1	8426	1.50			17.30	26.70	523	2052	422	2.7	79.0	0.00
Croplan Genetics CL314 (114)	241	328.7	8380	1.50			17.93	25.60	528	2077	417	2.5	83.1	0.00
Crystal 820	204	327.8	8590	1.40			17.79	26.31	485	1913	397	2.4	91.9	0.04
Crystal 956(Aph)	259	333.8	8462	1.44			18.13	25.54	477	2095	384	2.7	88.9	0.00
Crystal 999	209	325.0	8271	1.44			17.70	25.67	477	1923	431	2.8	86.2	0.00
Crystal A300(Aph)	255	338.7	8629	1.45			18.38	25.47	513	1932	422	2.7	87.5	0.00
Crystal R338(Rzm)	226	313.7	7982	1.47			17.15	25.58	330	2118	457	2.7	86.3	0.00
Crystal R357(Rzm & Aph)	249	318.5	8351	1.59			17.52	26.38	536	2140	470	3.0	73.1	0.04
Crystal R826(Rzm)	220	333.6	7954	1.45			18.13	23.91	489	2037	403	2.5	98.5	0.00
Crystal R932(Rzm & Aph)	208	316.1	7453	1.59			17.39	23.65	453	2058	520	2.5	91.2	0.00
Filler#2	224	315.5	8200	1.41			17.18	26.12	461	1866	424	2.4	93.0	0.00
Filler#3	203	331.5	8686	1.49			18.07	26.46	530	2017	426	2.8	84.1	0.00
Filler#4	247	332.3	7887	1.27			17.88	23.76	335	1941	349	2.9	85.1	0.04
Filler#5	212	319.0	8142	1.42			17.37	25.71	468	2031	391	2.4	86.7	0.00
Hilleshog 2236(Aph)	232	316.5	7278	1.40			17.23	22.99	466	2003	385	3.1	81.2	0.00
Hilleshog 2411Rz	237	330.8	8297	1.41			17.96	25.22	473	1912	415	2.6	85.2	0.00
Hilleshog 2463Rz(7163 Aph)	253	325.1	8203	1.41			17.66	25.27	540	1922	382	2.5	86.1	0.00
Hilleshog 2467(7167 Rz)	216	328.9	8437	1.47			17.92	25.72	509	1968	431	2.3	90.3	0.00
Hilleshog 2469(7169 Rz Aph)	261	317.4	8408	1.49			17.37	26.66	491	2186	398	2.8	86.9	0.00
Hilleshog 2475(7175 Rz)	221	313.0	8492	1.51			17.17	27.28	554	2072	419	2.3	96.9	0.00
Hilleshog 2476(7176 Rz)	228	319.2	8193	1.48			17.44	25.89	558	1967	422	2.5	88.4	0.00
Hilleshog 7078	222	324.0	8690	1.45			17.65	27.15	486	1912	438	2.9	90.1	0.00
Hilleshog 7089	245	311.0	7294	1.40			16.95	23.60	365	2058	407	3.0	85.9	0.00
Hilleshog 7172Rz	236	317.0	7317	1.48			17.33	23.17	522	2015	424	2.8	87.5	0.00
Hilleshog 7192(Aph)	264	328.3	8666	1.39			17.81	26.62	413	1985	401	2.9	88.4	0.00
Hilleshog 7197Rz	233	314.5	8812	1.48			17.21	28.01	530	2079	402	2.6	89.8	0.00
Hilleshog 7198Rz	252	306.4	8531	1.51			16.84	27.96	574	1995	432	2.6	68.9	0.00
Hilleshog 7199Rz	201	300.6	8643	1.52			16.55	28.99	689	1912	419	2.1	90.1	0.00
Hilleshog 7200Rz	243	306.9	8794	1.39			16.73	28.56	599	1732	393	2.6	78.2	0.00
Hilleshog 7201Rz(Aph)	257	310.4	8398	1.49			17.01	27.32	553	2029	412	2.7	91.7	0.00
Hilleshog 7206Rz	211	321.8	8708	1.44			17.53	27.11	445	2102	396	3.2	83.0	0.00
Holly 117(00HX017)	217	326.6	8770	1.38			17.71	26.98	432	1985	386	3.0	74.0	0.00
Holly HH-114	260	308.4	8472	1.55			16.98	27.64	604	2140	410	2.9	77.3	0.00
Holly HH-115	227	318.2	8491	1.49			17.39	26.81	504	2100	415	2.9	85.7	0.00
Holly HH-150	251	327.6	8300	1.39			17.77	25.35	436	2022	377	3.0	85.2	0.00
Seedex 0924(SX0924 Aph & Rzm)	246	329.1	7773	1.28			17.73	23.66	358	1933	345	3.0	77.2	0.00
Seedex Aspen(SX0917)	239	329.6	8352	1.37			17.85	25.63	399	2076	367	3.0	84.9	0.00
Seedex Aurora(SX823 925 Aph)	244	326.5	8506	1.37			17.70	26.09	381	2085	372	2.9	82.3	0.00
Seedex Gladiator	223	319.1	8289	1.49			17.46	25.94	507	2091	416	2.6	87.8	0.07
Seedex Magnum(SX0816 0922)	262	327.8	8333	1.40			17.80	25.50	428	2032	391	2.7	89.7	0.11
Seedex Monarch	238	310.9	8158	1.51			17.05	26.24	519	2084	423	2.7	84.3	0.00
Seedex SX0928(Aph & Rzm)	205	331.8	7578	1.35			17.94	22.84	334	1953	403	2.7	89.5	0.00
Seedex SX0931(Aph & Rzm)	214	331.8	8139	1.33			17.93	24.53	459	1808	385	3.0	86.7	0.00
Seedex SX0932(Aph & Rzc)	235	311.4	7593	1.49			17.06	24.58	509	2064	419	3.8	55.9	0.00
Van der Have H46177(Aph & Rzm)	213	328.4	7857	1.35			17.76	23.91	363	2072	360	3.1	72.4	0.00
Van der Have H46519(Rzm)	234	307.0	8510	1.56			16.90	27.89	514	2019	481	2.6	92.2	0.11
Van der Have H66453	206	315.8	8392	1.49			17.28	26.69	476	2046	436	2.9	80.5	0.04
Van der Have H66556	256	320.4	8320	1.47			17.49	26.24	446	2090	419	2.8	85.9	0.00
Van der Have H66561	215	322.6	8697	1.48			17.60	27.12	532	2035	407	2.7	85.6	0.11
Van der Have H66728	230	328.5	8672	1.40			17.83	26.55	436	1982	399	2.9	83.3	0.00
Check Mean		320.3	8326	1.45			17.47	26.13	491.8	2011	412	2.8	84.7	0.01
Coeff. of Var. (%)		3.7	6.3	8.2			3.2	5.8	23.8	5.4	12.5	14.1	10.8	
F Value		4.7	3.4	4.1			4.4	6.7	4.9	6.4	3.5	3.1	8.5	
Mean LSD (0.05)		12.19	588.2	0.11			0.57	1.60	99	104	50	0.5	7.5	
Mean LSD (0.01)		16.20	781.9	0.15			0.76	2.12	130	138	66	0.6	9.9	

++ Rev/Ton and Rev/Acre ratings not collected.

+ Lower numbers indicate better seedling vigor. Seedling vigor from all locations.

Created 10-31-03.

Trial # = 03MDCm

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