

Table 44  
2003 Performance of Varieties - Minn-Dak Commercial Coded Test  
Fairmount. - All Characters

Description @	Rec/T Code	Rec/A lbs.	Loss lbs.	Rev/T Mol %	Rev/A \$ ++	Sugar %	Yield T/A	Na ppm	K ppm	AmN ppm	Vigor+ Rating	Emerg. %	Bolter %
Beta 3800(Aph)	240	318.1	8501	1.45		17.38	26.66	511	2091	385	3.0	84.1	0.00
Beta 3820(Aph)	207	328.3	8165	1.38		17.82	24.82	384	2174	355	3.0	83.6	0.00
Beta 3861(BX0961 Aph Spec)	218	313.5	8269	1.49		17.15	26.43	562	2040	406	3.0	93.8	0.00
Beta 4811R(Aph & Rzm)	254	294.5	7711	1.57		16.30	26.23	619	2166	417	3.0	86.5	0.00
Beta 4818R(Aph & Rzm)	210	299.4	7830	1.62		16.58	26.20	547	2315	433	3.4	70.5	0.00
Beta 6225	229	316.7	8622	1.43		17.26	27.28	555	1944	387	2.8	85.5	0.00
Beta 6663(BX0963)	231	302.8	8340	1.65		16.79	27.57	576	2142	500	3.0	88.4	0.00
Beta BX1101(Aph)	202	300.4	8546	1.39		16.41	28.53	492	1977	372	2.8	94.3	0.00
Beta BX1108(Rzm)	250	302.8	8213	1.71		16.84	27.08	659	2377	450	3.0	54.3	0.00
Beta BX1314(Rzm)	225	274.8	8163	1.68		15.41	29.73	721	2276	433	2.8	83.7	0.00
Beta BX1315(Aph)	258	295.8	8798	1.64		16.45	29.65	618	2262	448	2.6	91.9	0.00
Beta BX1316(Rzm)	242	309.0	8281	1.57		17.02	26.78	487	2276	431	3.0	63.5	0.00
Beta BX1317(Rzm)	219	298.6	8396	1.59		16.51	28.23	464	2221	469	2.8	79.6	0.00
Beta BX1318(Rzm)	248	294.2	8157	1.63		16.34	27.67	716	2175	425	2.7	98.7	0.07
Croplan Genetics CL101	263	305.0	8347	1.61		16.87	27.35	561	2275	444	2.5	76.3	0.00
Croplan Genetics CL314 (114)	241	308.8	8228	1.62		17.08	26.60	608	2311	423	2.9	78.9	0.00
Crystal 820	204	314.6	8653	1.48		17.21	27.54	509	2083	410	2.3	91.4	0.00
Crystal 956(Aph)	259	322.1	8455	1.49		17.59	26.23	458	2254	386	3.0	84.0	0.00
Crystal 999	209	314.9	8295	1.50		17.25	26.28	485	2103	423	2.8	85.2	0.00
Crystal A300(Aph)	255	322.9	8043	1.56		17.73	24.79	573	2160	430	2.7	83.4	0.00
Crystal R338(Rzm)	226	303.1	7803	1.49		16.65	25.70	309	2324	425	3.0	85.9	0.00
Crystal R357(Rzm & Aph)	249	307.8	8116	1.59		16.97	26.45	529	2254	439	3.0	71.2	0.00
Crystal R826(Rzm)	220	311.9	7655	1.56		17.15	24.60	551	2248	413	2.8	99.2	0.00
Crystal R932(Rzm & Aph)	208	303.2	7144	1.66		16.83	23.51	478	2226	524	2.2	89.3	0.00
Filler#2	224	302.2	7874	1.47		16.58	26.16	482	1969	436	2.6	92.1	0.00
Filler#3	203	314.9	8263	1.58		17.32	26.31	537	2201	438	2.9	81.0	0.00
Filler#4	247	320.4	7480	1.36		17.40	23.34	364	2126	358	2.9	84.8	0.00
Filler#5	212	301.7	7676	1.54		16.64	25.55	565	2157	417	2.5	83.6	0.00
Hilleshog 2236(Aph)	232	309.5	7512	1.45		16.93	24.25	454	2093	399	3.0	75.4	0.00
Hilleshog 2411Rz	237	314.8	8081	1.52		17.27	25.65	528	2053	440	2.7	83.0	0.00
Hilleshog 2463Rz(7163 Aph)	253	313.7	8083	1.50		17.20	25.69	575	2111	393	2.5	85.5	0.00
Hilleshog 2467(7167 Rz)	216	309.9	7727	1.58		17.08	24.88	602	2089	449	2.5	88.0	0.00
Hilleshog 2469(7169 Rz Aph)	261	304.1	8106	1.56		16.76	26.67	522	2317	397	2.7	87.1	0.00
Hilleshog 2475(7175 Rz)	221	293.6	7936	1.57		16.23	27.14	593	2179	417	2.5	98.1	0.00
Hilleshog 2476(7176 Rz)	228	302.1	7811	1.61		16.72	25.91	613	2206	438	2.6	86.9	0.00
Hilleshog 7078	222	309.6	8694	1.53		17.01	28.22	516	2065	450	2.8	87.6	0.00
Hilleshog 7089	245	304.1	7428	1.43		16.64	24.47	320	2202	409	3.0	82.6	0.00
Hilleshog 7172Rz	236	303.2	7048	1.58		16.74	23.28	570	2179	438	2.5	85.3	0.00
Hilleshog 7192(Aph)	264	316.3	8583	1.40		17.22	27.22	385	2113	384	2.9	87.4	0.00
Hilleshog 7197Rz	233	308.7	8857	1.54		16.95	28.76	496	2284	405	2.6	87.6	0.00
Hilleshog 7198Rz	252	287.4	8232	1.57		15.93	28.69	588	2157	427	2.6	65.9	0.00
Hilleshog 7199Rz	201	289.4	8314	1.58		16.05	28.83	737	2059	405	2.3	87.4	0.00
Hilleshog 7200Rz	243	296.9	8551	1.46		16.30	28.87	634	1868	402	2.6	78.2	0.00
Hilleshog 7201Rz(Aph)	257	290.6	7811	1.53		16.05	27.01	559	2196	399	2.8	91.2	0.00
Hilleshog 7206Rz	211	305.1	8526	1.52		16.77	28.00	466	2278	405	3.5	80.8	0.00
Holly 117(00HX017)	217	309.5	8449	1.42		16.88	27.39	393	2150	383	3.0	70.6	0.00
Holly HH-114	260	295.2	8359	1.67		16.41	28.37	629	2359	430	2.9	70.7	0.00
Holly HH-115	227	293.1	8082	1.59		16.27	27.56	561	2230	434	3.0	85.3	0.00
Holly HH-150	251	317.0	8030	1.47		17.31	25.35	443	2190	390	3.0	86.5	0.00
Seedex 0924(SX0924 Aph & Rzm)	246	314.2	7513	1.37		17.08	23.96	414	2113	347	3.1	71.5	0.00
Seedex Aspen (SX0917)	239	314.8	8180	1.45		17.21	26.02	401	2268	378	2.8	82.5	0.00
Seedex Aurora(SX823 925 Aph)	244	304.7	8286	1.42		16.67	27.13	397	2266	353	2.7	80.0	0.00
Seedex Gladiator	223	305.2	7900	1.53		16.77	25.93	503	2237	404	2.7	79.8	0.00
Seedex Magnum(SX0816 0922)	262	313.8	8313	1.46		17.14	26.55	418	2196	396	2.7	88.9	0.22
Seedex Monarch	238	293.0	7757	1.61		16.25	26.56	577	2247	440	2.7	83.6	0.00
Seedex SX0928(Aph & Rzm)	205	323.5	7702	1.45		17.61	23.91	376	2098	425	3.0	88.0	0.00
Seedex SX0931(Aph & Rzm)	214	319.1	7972	1.41		17.35	25.09	499	1977	384	3.0	87.2	0.00
Seedex SX0932(Aph & Rzc)	235	294.7	7640	1.60		16.34	25.94	539	2262	443	3.5	58.3	0.00
Van der Have H46177(Aph & Rzm)	213	307.0	7537	1.51		16.88	24.30	452	2283	397	3.2	72.5	0.00
Van der Have H46519(Rzm)	234	282.6	8401	1.67		15.80	29.60	598	2134	505	2.7	96.5	0.14
Van der Have H66453	206	306.8	8444	1.58		16.91	27.55	485	2243	449	2.8	79.1	0.00
Van der Have H66556	256	306.6	8417	1.54		16.86	27.60	434	2229	442	2.8	84.9	0.00
Van der Have H66561	215	302.4	8514	1.60		16.72	28.02	607	2175	439	2.5	84.8	0.14
Van der Have H66728	230	316.4	8755	1.47		17.28	27.78	431	2145	411	3.0	78.3	0.00
Check Mean		306	8118	1.53		16.83	26.59	519.3	2178	418	2.8	83.0	
Coeff. of Var. (%)		4.1	4.9	8.9		3.3	4.3	27.5	4.8	12.9	14.1	12.5	
F Value		3.8	5.7	2.1		4.1	10.9	2.3	5.5	2.1	2.3	4.3	
Mean LSD (0.05)		14.89	472.8	0.16		0.66	1.35	170	123	65	0.5	11.9	
Mean LSD (0.01)		19.62	622.8	0.22		0.87	1.78	224	162	85	0.6	15.7	

++ Rev/Ton and Rev/Acre ratings not collected.  
+ Lower numbers indicate better seedling vigor.

Created 11-12-03.  
Trial # = 036603

@ Some varieties not approved for sale. Refer to approval list for approval status.  
No appreciable Aphanomyces present.