

Table 58  
Approval Calculations for Minn-Dak - 2003

Description	Yrs Comm Seed	In App Mean+	Approval Status	Recoverable Sugar / Ton					Recoverable Sugar / Acre					2Yr		3Yr		Cercospora Leaf Spot Ratings *					Aph Root Ratings				
				2001	2002	2003	3 Yr Mean	3 Yr % App	2001	2002	2003	3 Yr Mean	3 Yr % App	Reo/T+ Rec/A%	Reo/T+ Rec/A%	2001	2002	2003	3 Yr Mean	3 Yr % Limit	2001	2002	2003	2 Yr Mean	2 Yr % Limit		
				2001	2002	2003	3 Yr Mean	3 Yr % App	2001	2002	2003	3 Yr Mean	3 Yr % App	Reo/T+ Rec/A%	Reo/T+ Rec/A%	2001	2002	2003	3 Yr Mean	3 Yr % Limit	2001	2002	2003	2 Yr Mean	2 Yr % Limit		
<b>Previously Approved Varieties</b>																											
Beta 3800(Aph)	3	1	Approved	295.5	323.4	325.6	314.8	100.1	7036	7471	8650	7719	100.4	200.7	201.5	4.53	4.70	4.71	4.64	86.6	4.45	4.42	4.47	4.44	91		
Beta 3820(Aph)	3	1	Approved	300.8	336.3	339.1	325.4	103.5	6807	7773	8441	7674	99.8	205.3	204.2	4.38	4.37	4.28	4.34	80.9	4.93	4.59	4.45	4.52	92		
Beta 3861(SX0961 Aph Spec)	1	0	Approved	294.5	326.8	322.8	314.7	100.1	7267	7698	8477	7814	101.7	201.1	202.7	4.38	4.83	4.35	4.52	84.3	5.08	4.42	4.40	4.36	89		
Beta 4818R(Aph & Rzm)	2	0	Approved	284.9	312.0	317.9	304.9	97.0	6701	7424	8451	7525	97.9	196.2	195.8	4.83	4.95	4.92	4.83	90.1	3.98	4.59	4.43	4.51	92		
Beta 6225	2	0	Approved	301.1	326.6	325.6	317.8	101.1	7579	7949	8553	8027	104.4	203.6	206.4	4.88	4.67	4.44	4.66	87.0	6.03	5.23	4.97	5.10	104		
Beta 6663(SX0963)	4	1	Approved	297.7	330.4	317.1	315.1	100.2	7277	8124	8337	7913	103.0	202.6	204.1	4.51	4.61	4.48	4.53	84.5	5.41	5.23	5.13	5.18	106		
Crystal 956(Aph)	2	0	Approved	300.0	330.6	333.8	321.5	102.2	7121	7598	8462	7727	100.5	202.7	203.7	4.49	4.27	4.33	4.36	81.3	5.08	4.59	4.43	4.51	92		
Crystal 999	4	1	Approved	306.5	329.3	325.0	320.3	101.8	7349	7897	8271	7839	102.0	201.8	204.8	4.63	4.53	4.31	4.49	83.7	4.77	5.08	4.45	4.76	97		
Hilleshog 7078	4	1	Approved	283.0	319.0	324.0	308.7	98.2	6890	7862	8690	7814	101.7	202.5	200.8	5.23	4.87	4.84	4.98	92.9	6.20	6.38	5.78	6.08	124		
Hilleshog 7089	4	1	NOT Approved	286.7	321.4	311.0	306.4	97.4	6842	7120	7294	7085	92.2	187.5	190.5	4.38	4.47	4.33	4.39	81.9	6.03	6.06	5.97	6.01	123		
Holly 117(00HX017)	1	0	Approved	292.7	324.4	326.6	314.6	100.0	7014	7822	8770	7869	102.4	203.9	203.4	4.83	4.69	5.27	4.93	91.9	6.06	6.07	6.07	6.07	124		
Seedex Aspen (SX0917)	1	0	Approved	302.5	326.4	329.6	319.5	101.6	6618	7297	8352	7422	96.6	198.8	199.1	4.54	4.64	4.46	4.55	84.8	4.91	5.33	5.12	5.12	105		
Seedex Gladiator	10	1	Approved	286.4	324.4	319.1	310.0	98.6	7130	7595	8289	7671	99.8	198.4	199.3	4.83	4.76	5.19	4.93	91.9	5.56	5.57	5.93	5.75	117		
Seedex Monarch	10	1	Approved	289.3	322.6	310.9	307.6	97.8	7002	7231	8158	7464	97.1	193.7	195.8	5.04	5.04	4.97	5.02	93.6	5.24	5.40	6.73	6.07	124		
Van der Have H46177(Aph & Rzm)	3	1	Approved	302.3	330.8	328.4	320.5	101.9	6813	7544	7857	7405	96.3	197.8	198.1	4.35	4.09	3.90	4.11	76.7	4.13	4.25	4.64	4.44	91		
Van der Have H66453	2	0	Approved	290.0	319.9	315.8	308.5	98.1	6897	7796	8361	7725	100.5	199.0	199.5	4.88	4.79	5.20	4.89	91.2	5.88	5.89	6.82	6.35	130		
Van der Have H66561	1	0	Approved	300.7	324.3	322.6	315.9	100.5	7173	7998	8697	7956	103.5	204.0	204.9	4.86	5.04	5.15	5.02	93.6	5.72	5.87	5.80	118			
<b>Candidates for Approval</b>																											
Beta 4811R(Aph & Rzm)	5	NOT Approved	275.1	306.3	307.9	296.4	94.3	6401	7269	8093	7254	94.4	190.6	189.5	5.06	4.39	4.44	4.63	86.4	3.50	4.42	4.18	4.30	88			
Croplan Genetics CL101	8	NOT Approved	292.1	315.5	316.1	307.9	97.9	7314	7427	8426	7722	100.5	196.3	199.3	4.93	4.81	5.30	5.02	93.5	5.24	5.89	5.65	5.77	118			
Croplan Genetics CL314 (114)	1	Approved	293.0	321.6	328.7	314.4	100.0	7293	7922	8380	7865	102.3	202.0	203.2	4.98	4.79	5.28	5.02	93.6	4.89							
Beta 4811R(Aph & Rzm)	5	NOT Approved	275.1	306.3	307.9	296.4	94.3	6401	7269	8093	7254	94.4	190.6	189.5	5.06	4.39	4.44	4.63	86.4	3.50	4.42	4.18	4.30	88			
Croplan Genetics CL101	8	NOT Approved	292.1	315.5	316.1	307.9	97.9	7314	7427	8426	7722	100.5	196.3	199.3	4.93	4.81	5.30	5.02	93.5	5.24	5.89	5.65	5.77	118			
Croplan Genetics CL314 (114)	1	Approved	293.0	321.6	328.7	314.4	100.0	7293	7922	8380	7865	102.3	202.0	203.2	4.98	4.79	5.28	5.02	93.6	4.89							
Holly HH-114	5	NOT Approved	279.6	311.7	308.4	299.9	95.4	7338	7719	8472	7843	102.1	196.7	198.3	4.02	4.00	4.83	4.28	79.9	5.41	4.74	5.91	5.33	109			
Holly HH-115	5	NOT Approved	293.2	317.7	318.2	309.7	98.5	7296	7755	8491	7847	102.1	199.4	201.5	4.71	4.88	5.06	4.88	91.1	5.88	5.23	5.41	5.32	109			
Holly HH-150	NC	NOT Approved	293.5	321.5	327.6	314.2	99.9	7202	8062	8300	7862	102.3	202.3	203.1	4.99	4.67	4.74	4.80	89.5	5.45							
Seedex 0924(SX0924 Aph & Rzm)	NC	NOT Approved	294.1	317.7	308.8	313.6	99.7	6964	7515	8482	7417	96.5	195.1	197.1	4.08	3.61	3.96	3.88	72.4	4.29	4.25	5.50	4.30	88			
Seedex Aurora(SX823 925 Aph)	1	Approved	293.0	323.6	326.5	314.4	100.0	6726	7772	8506	7668	99.8	201.8	200.7	4.03	4.10	4.25	4.13	76.9	4.45	4.74	4.65	4.69	96			
Seedex Magnum(SX0816.0922)	1	Approved	289.1	336.7	327.8	317.9	101.1	6806	7889	8333	7676	99.9	203.7	201.9	4.76	4.74	5.14	4.88	91.0	5.89	5.47	5.68	5.68	116			
Van der Have H66556	1	NOT Approved	291.7	324.2	320.4	312.1	99.2	7523	7890	8320	7911	102.9	200.6	203.1	4.59	4.83	4.88	4.77	88.9	5.08	5.24	5.16	5.16	105			
<b>Candidates for Specialty</b>																											
Beta 4811R(Aph & Rzm)	5	NOT Approved	275.1	306.3	307.9	296.4	94.3	6401	7269	8093	7254	94.4	190.6	189.5	5.06	4.39	4.44	4.63	86.4	3.50	4.42	4.18	4.30	88			
Beta BX1101(6101 Aph)	NC	NOT Approved	304.4	312.6	312.6			8190	8623				200.1			5.02	4.32			4.42	4.22	4.32	4.32	88			
Beta BX1108(Rzm)	NC	NOT Approved	305.6	320.6				8470	8415				201.9			4.93	5.09			5.08	5.71	5.39	5.10	110			
Beta BX1314(Rzm)	NC	NOT Approved		293.4				8421												5.50					4.60		
Beta BX1315(Aph)	NC	NOT Approved		313.4				8800												4.74					3.82		
Beta BX1316(Rzm)	NC	NOT Approved		321.1				8389												5.06					4.45		
Beta BX1317(Rzm)	NC	NOT Approved		314.0				8975												4.88					4.20		
Beta BX1318(Rzm)	NC	NOT Approved		306.8				8482												5.57					5.50		
Crystal A300(Aph)	NC	NOT Approved		328.7				8629												4.48					4.14		
Crystal R338(Rzm)	NC	NOT Approved		313.7				7982												4.33					5.02		
Crystal R357(Rzm & Aph)	NC	NOT Approved		318.5				8351												4.84					4.20		
Crystal R826(Rzm)	1	NOT Approved	327.6	333.6				7211	7954				196.6			4.51	4.53							4.42	4.23	4.33	88
Crystal R932(Rzm & Aph)	NC	NOT Approved	314.0	316.1				6752	7453				185.8			4.76	4.42			4.09	4.76	4.43	90		4.43		
Hilleshog 2236(Aph)	NC	NOT Approved	293.1	315.1	316.5	308.2	98.0	6826	7095	7278	7066	91.9	187.1	190.8	4.00	4.33	3.71	4.01	74.8	4.29	4.25	4.72	4.48	92			
Hilleshog 2411Rz	NC	Approved	296.2	317.4	330.8	314.8	100.1	7006	7262	8297	7522	97.9	197.1	198.9	4.30	4.37	4.58	4.42	82.4	5.08	6.53	5.81	5.81	119			
Hilleshog 2463Rz(7163 Aph)	NC	NOT Approved	317.9	325.1				7388	8203				196.4			4.84	4.56			3.76	3.90	3.83	78		6.19		
Hilleshog 2467(7167 Rz)	NC	NOT Approved	328.9					8437												4.83					6.19		
Hilleshog 2469(7169 Rz Aph)	NC	NOT Approved	306.7	317.4				7290	8408				194.2			4.84	4.79			4.42	3.67	4.04	83		4.83		
Hilleshog 2475(7175 Rz)</																											