Table 1: Fusarium Damaged Kernel (FDK) and Deoxynivalenol (DON) Comparisons at Nine MCVET Sites for Spring Wheat Varieties in 2015.

Class/Variety	2015 FDK (%) and DON (ppm)																	
	Arborg		Boissevain		Dauphin		Hamiota		Neepawa		Rosebank		St.Adolphe		Stonewall		Thornhill	
	FDK	DON	FDK	DON	FDK	DON	FDK	DON	FDK	DON	FDK	DON	FDK	DON	FDK	DON	FDK	DON
Canada Western Red Spring																		
5605HR CL	1.43	0.6	2.25	1.3	2.02	0.4	2.38	0.7	2.14	0.5	1.79	0.9	1.70	0.5	1.45	0.4	4.01	2.6
AAC Brandon	0.54	0.1	1.23	0.8	1.79	0.7	2.41	0.8	0.75	0.1	1.27	0.6	0.92	0.5	1.22	0.2	3.25	2.5
AAC Cameron VB	0.75	0.1	1.15	0.7	1.01	0.2	1.36	0.1	1.57	0.2	0.70	0.3	0.79	0.5	1.94	0.3	2.46	1.3
AAC Connery	2.53	0.4	2.53	0.8	0.92	0.2	3.02	0.2	1.86	0.4	1.78	1.0	2.31	0.7	1.71	0.7	4.69	3.2
AAC Elie	1.62	0.4	2.85	1.6	0.84	0.5	3.05	1.1	1.70	0.1	0.89	0.6	1.15	0.9	1.96	0.3	4.70	3.2
AAC Jatharia VB	0.65	0.3	2.12	1.7	0.71	0.3	1.30	0.3	1.05	0.1	1.14	0.6	0.82	1.1	1.09	0.2	2.59	2.2
AAC Prevail VB	1.09	0.2	1.37	0.8	0.44	0.2	0.67	0.5	1.36	0.3	1.02	0.7	0.98	0.9	0.73	0.4	4.94	3.2
AAC Redberry	0.77	0.1	1.28	0.7	0.92	0.2	3.01	0.2	-	-	-	-	-	-	-	-	3.66	2.4
AAC Redwater	1.41	0.3	1.54	1.3	1.24	0.4	2.52	0.3	1.14	0.3	1.47	0.6	2.18	1.4	1.97	0.5	5.91	3.6
AAC Viewfield	1.31	0.3	3.64	2.7	1.22	0.8	4.49	1.2	-	-	-	-	-	-	-	-	4.26	3.0
AAC W1876	0.67	0.2	4.16	2.2	1.89	0.3	3.01	0.7	1.68	0.3	2.11	1.1	1.35	0.5	0.95	0.5	5.43	3.8
Carberry	0.81	0.3	1.16	0.7	1.66	0.2	2.47	0.2	0.88	0.1	1.91	0.4	1.01	1.0	0.93	0.3	3.18	1.8
CDC Bradwell	1.70	0.8	2.49	2.0	2.30	0.6	3.85	0.4	1.23	0.4	1.55	0.9	2.03	1.3	1.08	0.5	4.42	3.6
CDC Plentiful	1.94	0.4	2.78	1.6	1.21	0.5	1.72	1.1	0.61	0.3	2.08	0.4	1.51	1.2	0.93	0.3	6.26	4.2
CDC Titanium VB	1.87	0.5	2.67	1.8	0.87	0.6	1.64	0.6	0.83	0.4	2.46	1.3	3.59	1.7	2.05	0.8	8.34	5.7
CDC VR Morris	2.33	0.6	1.63	0.9	1.05	0.7	3.20	0.9	0.95	0.3			2.81	1.5	1.56	0.4	4.03	2.0
Coleman	0.97	0.3	4.63	2.2	0.67	0.1	1.93	0.4	1.33	0.3	2.28	0.8	1.18	0.9	0.71	0.4	3.15	2.2
Glenn	0.83	0.1	0.64	0.7	1.31	0.3	1.44	1.3	0.86	0.1	0.98	0.2	0.90	0.6	0.66	0.2	2.23	1.5
SY479 VB	0.59	0.5	3.23	1.6	0.76	0.7	2.42	0.4	1.87	0.4	1.69	1.0	2.35	1.1	3.58	0.5	7.44	3.6
SY637	2.35	0.5	1.83	1.9	0.70	0.3	2.61	1.0	1.69	0.5	1.69	1.1	1.94	1.1	2.12	0.6	6.11	3.6
SY Slate	1.46	0.3	1.60	1.4	0.89	0.3	3.13	0.7	-	-	-	-	-	-	-	-	4.80	2.8
Thorsby	1.63	0.2	2.61	1.1	0.74	0.6	4.22	0.4	2.82	0.4	1.22	0.4	1.48	0.4	1.23	0.2	4.28	2.4
Canada Western Hard White Spring																		
AAC Iceberg	1.56	1.1	5.98	3.6	3.59	0.8	2.78	1.4	1.57	1.4	1.42	2.0	2.85	3.4	2.86	2.9	7.05	7.2
AAC Whitefox	1.71	0.6	1.49	0.9	1.57	0.4	3.38	0.8	1.58	0.6	1.49	1.1	1.26	1.1	1.19	0.7	2.89	2.2
CDC Whitewood	1.23	1.0	3.72	3.6	3.59	1.4	2.42	1.1	2.43	0.9	2.41	1.8	1.08	1.5	1.43	1.4	7.29	6.3
Class designation pending by the Canadian Grain Commission (CGC)																		
AAC Tradition	0.61	0.7	6.25	2.8	2.06	0.7	3.84	0.8	2.92	0.8	2.08	1.8	3.24	1.9	2.18	1.3	13.00	9.5
TRIAL 1 GRAND MEAN	**1.32**	**0.4**	**2.57**	**1.6**	**1.38**	**0.5**	**2.63**	**0.7**	**1.51**	**0.4**	**1.61**	**0.9**	**1.71**	**1.1**	**1.54**	**0.6**	**5.01**	**3.4**
Canada Western Red Spring																		
Glenn	1.47	0.3	1.06	0.8	1.25	0.0	1.99	0.0	0.82	0.1	0.70	0.3	1.19	0.4	1.22	0.2	2.38	1.3
Canada Prairie Spring Red																		
AAC Foray VB	3.93	1.7	3.53	3.0	1.40	0.2	1.97	0.7	3.02	0.9	1.57	1.5	2.50	2.5	3.40	1.4	6.40	4.8
AAC Penhold	2.71	1.1	6.87	3.4	3.20	0.3	6.05	1.0	2.12	0.7	0.81	0.4	2.08	1.0	1.98	0.6	5.72	2.8
AAC Tenacious VB	0.81	0.2	1.67	0.6	1.16	0.1	2.41	0.1	1.29	0.2	0.73	0.4	1.47	0.4	1.24	0.1	2.17	0.7
SY995	7.18	5.6	16.09	8.5	5.36	0.8	4.78	1.4	4.27	1.8	5.94	2.8	4.05	3.0	4.29	2.0	20.58	12.0
Canada Northern Hard Red																		
AAC Concord	1.50	0.7	5.12	3.2	1.50	0.9	3.79	1.8	-	-	-	-	-	-	-	-	7.27	4.5
Elgin ND	2.39	1.5	3.84	2.8	1.44	0.0	2.18	0.2	1.35	0.4	0.95	1.0	2.22	1.0	1.84	0.7	6.05	3.4
Faller	3.47	1.3	3.52	2.8	1.74	0.2	3.27	0.3	1.25	0.4	1.86	0.9	-	-	-	-	4.65	1.6
Prosper	2.84	1.4	4.21	2.8	1.47	0.2	4.25	0.2	0.75	0.3	1.97	1.0	2.65	0.9	2.39	1.0	7.43	4.8
Canada Western Soft White Spring																		
AAC Chiffon	5.13	8.4	11.61	12.5	4.28	1.8	9.49	3.5	4.04	2.4	4.84	5.2	10.93	6.0	13.22	8.0	11.60	9.0
AAC Indus	7.80	14.0	7.47	7.5	5.32	3.0	8.97	5.0	-	-	-	-	-	-	-	-	5.06	5.4
Canada Western Special Purpose																		
AAC Innova	7.15	8.8	14.59	14.5	4.26	2.0	7.25	2.7	3.27	2.4	4.81	6.8	6.96	10.5	11.33	8.0	9.74	7.0
AAC NRG097	4.37	4.2	13.68	8.0	4.77	0.8	4.49	0.8	3.59	1.6	4.89	2.8	3.92	2.8	3.41	1.8	8.46	8.7
SY087	1.73	0.9	1.21	1.6	1.45	0.1	2.76	0.1	1.30	0.3	0.37	0.3	0.99	0.7	1.63	0.3	4.61	3.6
WFT603	5.68	4.0	7.42	5.5	1.67	0.5	9.30	1.0	2.12	0.8	3.76	2.0	4.91	3.0	5.01	2.2	10.47	7.0
Class designation pending by the Canadian Grain Commission (CGC)																		
CDC Terrain	6.57	3.2	8.48	5.0	3.43	0.2	3.97	0.8	-	-	-	-	-	-	-	-	13.31	8.0
CDC Throttle	4.62	3.4	9.05	5.5	2.63	0.1	4.29	0.8	-	-	-	-	-	-	-	-	11.63	5.5
TRIAL 2 GRAND MEAN	**4.08**	**3.6**	**7.02**	**5.2**	**2.73**	**0.7**	**4.78**	**1.2**	**2.25**	**0.9**	**2.55**	**2.0**	**3.66**	**2.7**	**4.25**	**2.2**	**8.09**	**5.3**
OVERALL SITE GRAND MEAN	**2.41**	**1.7**	**4.33**	**3.0**	**1.91**	**0.5**	**3.48**	**0.9**	**1.78**	**0.6**	**1.96**	**1.3**	**2.38**	**1.7**	**2.47**	**1.2**	**6.23**	**4.2**

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