

Fusarium Damaged Kernel (FDK) and Deoxynivalenol (DON) Comparisons at 10 MCVET Sites for Barley Varieties in 2020

Class/Variety (FHB Resistance level)	2020 FDK (%) and DON (ppm)																			
	Arborg		Boissevain		Dauphin		Hamiota		Melita		Neepawa		Roblin		Rosebank		Stonewall		Thornhill	
	FDK	DON	FDK	DON	FDK	DON	FDK	DON	FDK	DON	FDK	DON	FDK	DON	FDK	DON	FDK	DON	FDK	DON
Malting																				
AAC Synergy (I)	0.00	0.1	0.00	0.0	1.20	0.1	0.40	0.1	0.00	0.0	0.16	0.0	0.00	0.1	0.90	0.2	0.10	0.0	0.21	0.1
AB Brewnet (MR)	0.00	0.3	0.60	0.0	0.00	0.1	0.20	0.0	0.00	0.0	0.30	0.5	0.00	0.1	0.50	0.1	0.00	0.0	0.00	0.1
AC Metcalfe (I)	0.00	0.0	1.00	0.1	0.20	0.0	0.15	0.1	0.00	0.0	0.34	0.0	0.00	0.1	0.60	0.1	0.10	0.0	0.10	0.3
CDC Churchill (MS)	0.00	0.0	1.10	0.0	0.00	0.1	0.10	0.2	0.00	0.0	0.34	0.0	0.00	0.2	0.30	0.1	0.20	0.0	0.00	0.2
CDC Copper (MS)	0.00	0.2	0.00	0.1	0.10	0.1	0.20	0.0	0.00	0.0	0.58	0.0	0.00	0.0	0.30	0.2	0.20	0.0	0.18	0.2
Food and Feed																				
AB Advantage (S)	0.00	0.3	0.20	0.2	0.60	0.2	0.10	0.4	0.00	0.3	0.03	0.1	0.00	0.8	0.40	0.5	0.00	0.1	0.14	0.8
AB Cattelac (S)	0.00	0.3	0.10	0.1	0.40	0.2	0.30	0.9	0.00	0.2	0.06	0.4	0.00	0.6	0.40	0.4	0.10	0.0	0.15	0.5
AB Tofield (S)	0.00	0.2	0.50	0.2	0.20	0.3	0.20	0.4	0.00	0.2	0.40	0.0	0.00	0.6	0.30	0.3	0.10	0.1	0.12	0.6
AB Wrangler (MR)	0.00	0.2	0.00	0.0	0.20	0.0	0.30	0.0	0.00	0.0	0.46	0.0	0.00	0.0	0.40	0.2	0.00	0.0	0.00	0.1
Varieties being tested for adaptability in Western Canada																				
Esma	0.00	0.3	1.00	0.1	0.50	0.1	0.05	0.0	-	-	-	-	-	-	-	-	0.10	0.0	0.18	0.0
KWS Kellie	0.00	0.2	0.60	0.2	1.20	0.1	0.15	0.1	-	-	-	-	-	-	-	-	0.00	0.1	0.10	0.1
Varieties supported for registration by the PRCOB																				
Malting																				
TR17635 (MR)	0.00	0.2	0.00	0.0	0.20	0.0	0.00	0.0	-	-	-	-	-	-	-	-	-	-	0.00	0.2
Food and Feed																				
FB209 (MR)	0.00	0.2	0.00	0.2	0.20	0.1	0.10	0.3	-	-	-	-	-	-	-	-	-	-	0.00	0.2
SR18524 (S)	0.00	0.1	0.30	0.1	0.40	0.2	0.15	0.7	-	-	-	-	-	-	-	-	-	-	0.16	0.3
TR16742 (I)	0.00	0.0	0.40	0.0	0.30	0.0	0.10	0.1	-	-	-	-	-	-	-	-	-	-	0.07	0.2
TR18645 (I)	0.00	0.0	0.40	0.0	0.50	0.0	0.20	0.0	-	-	-	-	-	-	-	-	-	-	0.00	0.1
TR18647 (MR)	0.00	0.0	0.40	0.0	0.60	0.0	0.10	0.1	-	-	-	-	-	-	-	-	-	-	0.00	0.1
Grand Mean	0.00	0.2	0.39	0.1	0.40	0.1	0.16	0.2	0.00	0.08	0.30	0.11	0.00	0.28	0.46	0.23	0.08	0.03	0.08	0.24

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