



Mycotoxin Occurrence in 2020 Canadian Corn May 2021 Update

May 7 2021

Mycotoxins & Analysis



LC-MS/MS

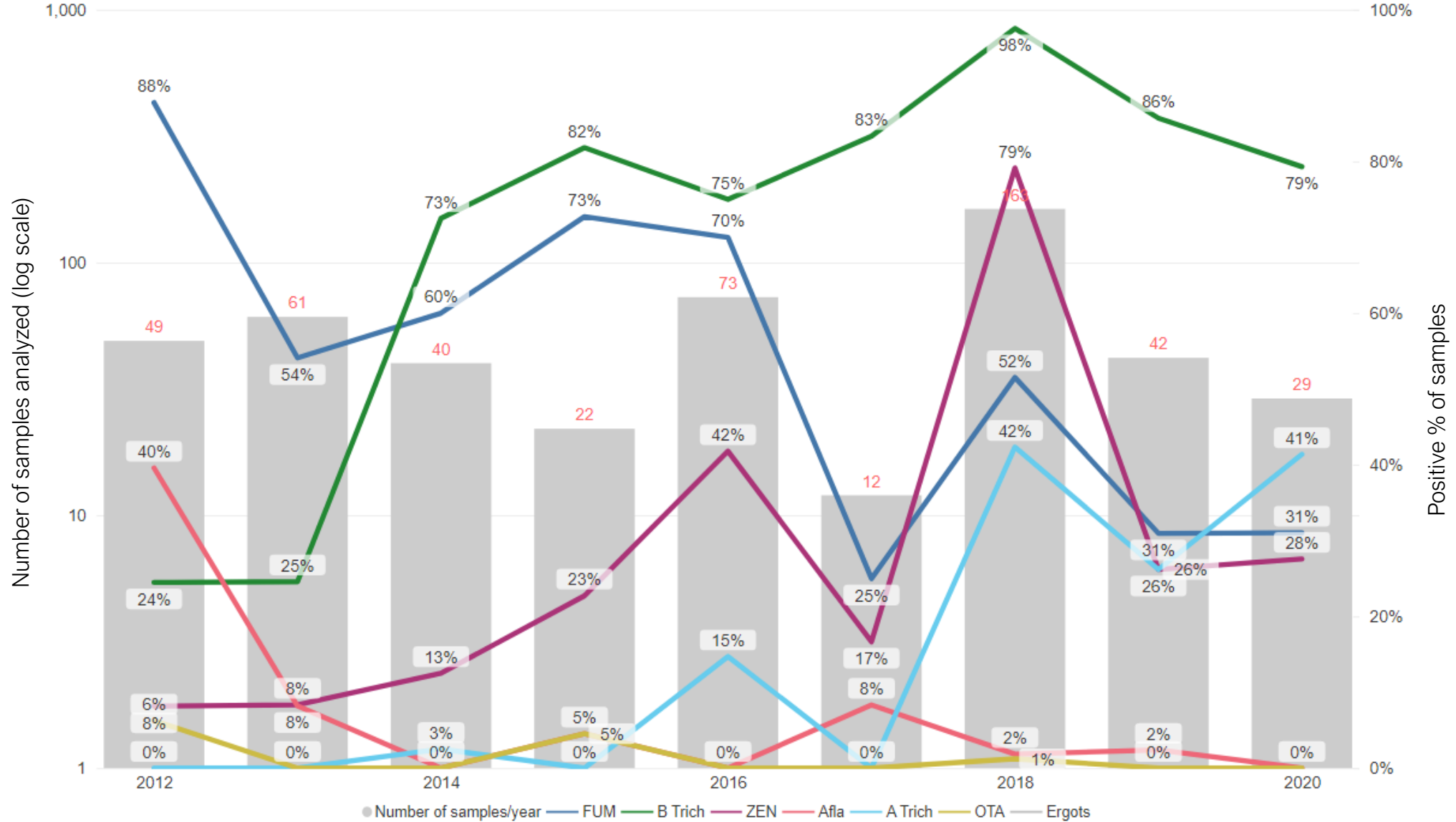


Mycotoxin Group	Mycotoxins	Limit of Detection (ppb)
Aflatoxins (AFLA)	Aflatoxin B1	1.0
	Aflatoxin B2	1.0
	Aflatoxin G1	1.0
	Aflatoxin G2	1.0
A-Trichothecenes (A-Trich)	T-2	60.0
	HT-2	60.0
	Diacetoxyscirpenol (DAS)	60.0
B-Trichothecenes (B-Trich)	Deoxynivalenol (DON/Vomitoxin)	60.0
	3-Acetyl-deoxynivalenol (3A-DON)	60.0
	15-Acetyl-deoxynivalenol (15A-DON)	60.0
Fumonisin (FUM)	Fumonisin B1	100.0
	Fumonisin B2	100.0
Zearalenone (ZEN)	Zearalenone (ZEN)	30.0
Ochratoxin A (OTA)	Ochratoxin A (OTA)	3.0
Sterigmatocystin	Sterigmatocystin	30.0
Mycophenolic Acid (MPA)	Mycophenolic Acid (MPA)	30.0

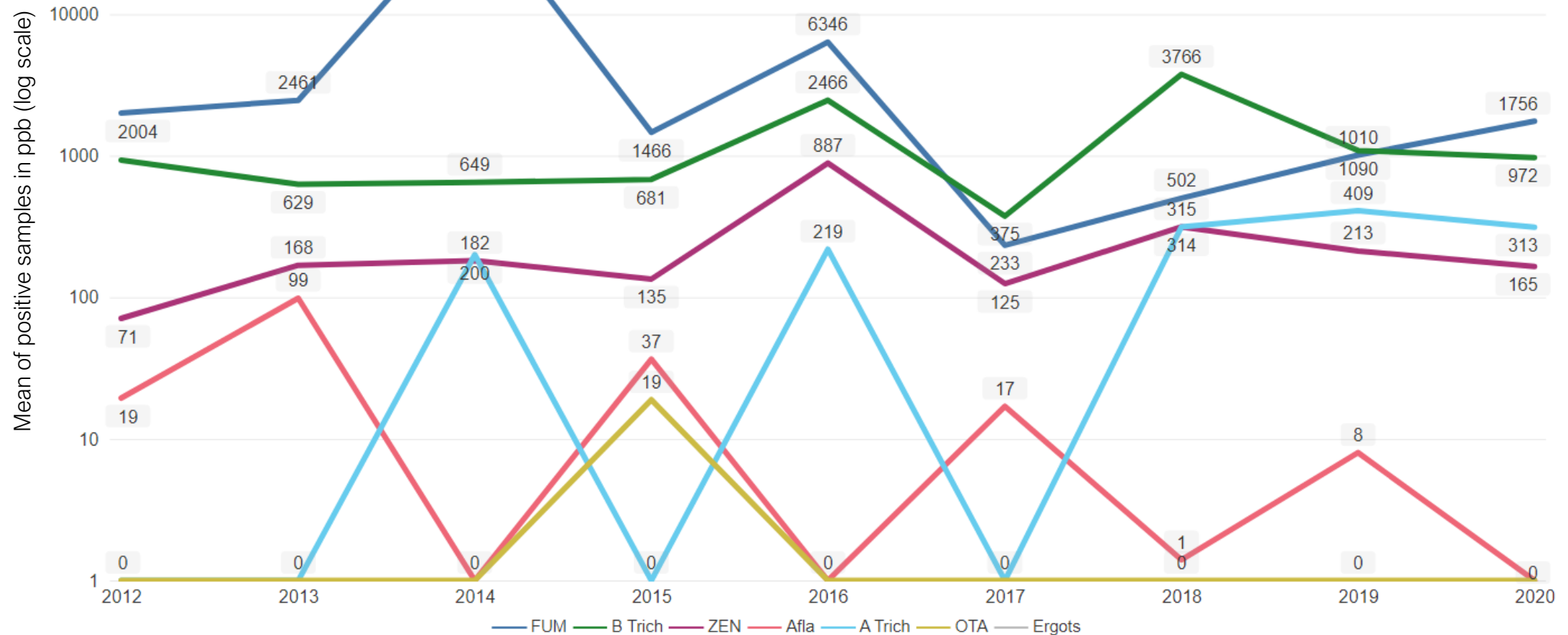


2020 Canadian Corn (as-fed basis)

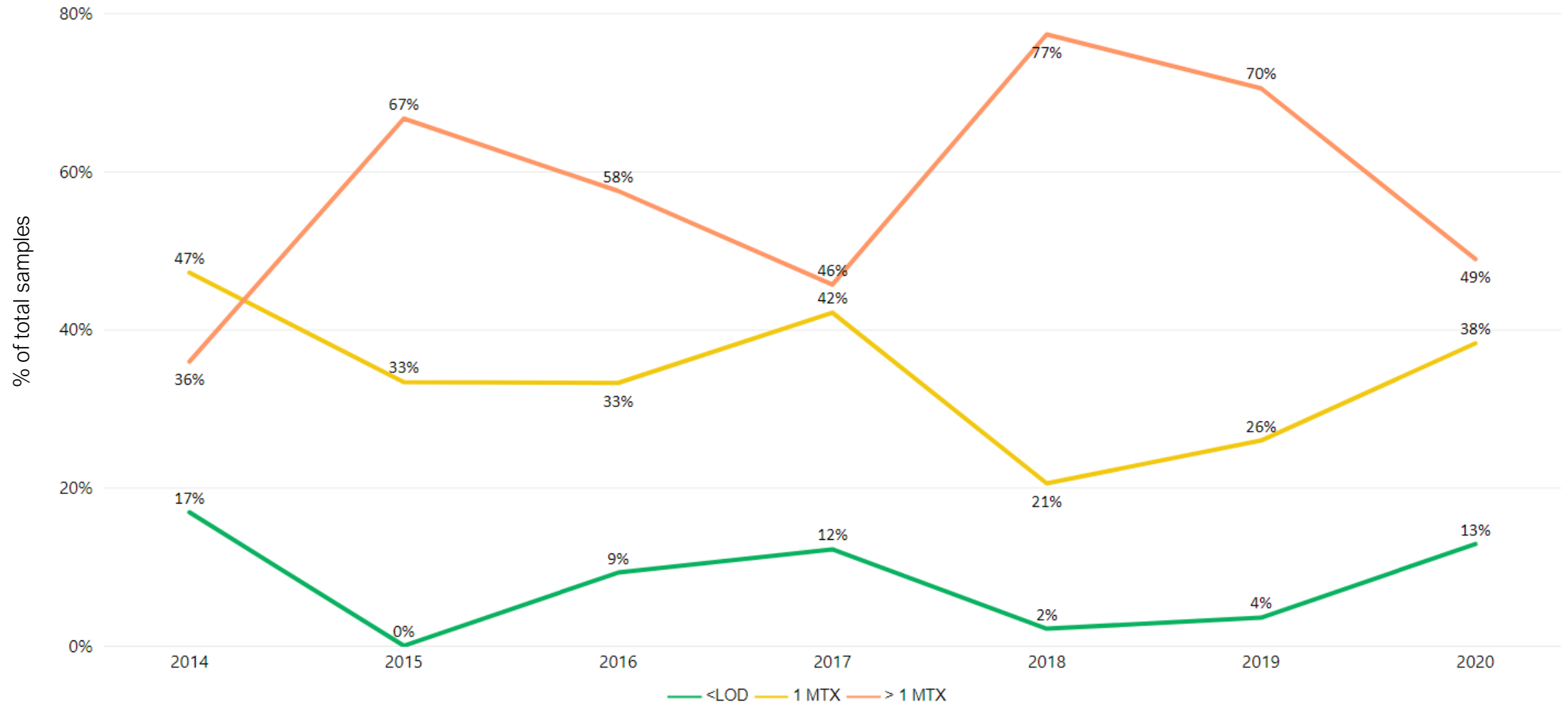
MTX Occurrence Trend in 2020 Canadian Corn



Mean of Positives Trend in 2020 Canadian Corn



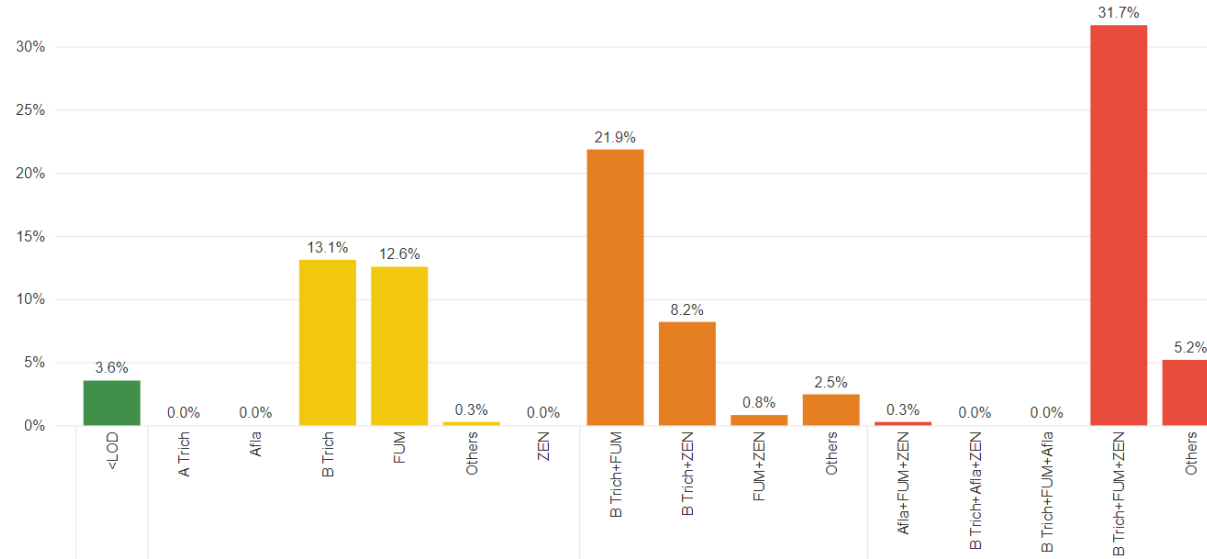
MTX Co-occurrence Trend in 2020 Canadian Corn



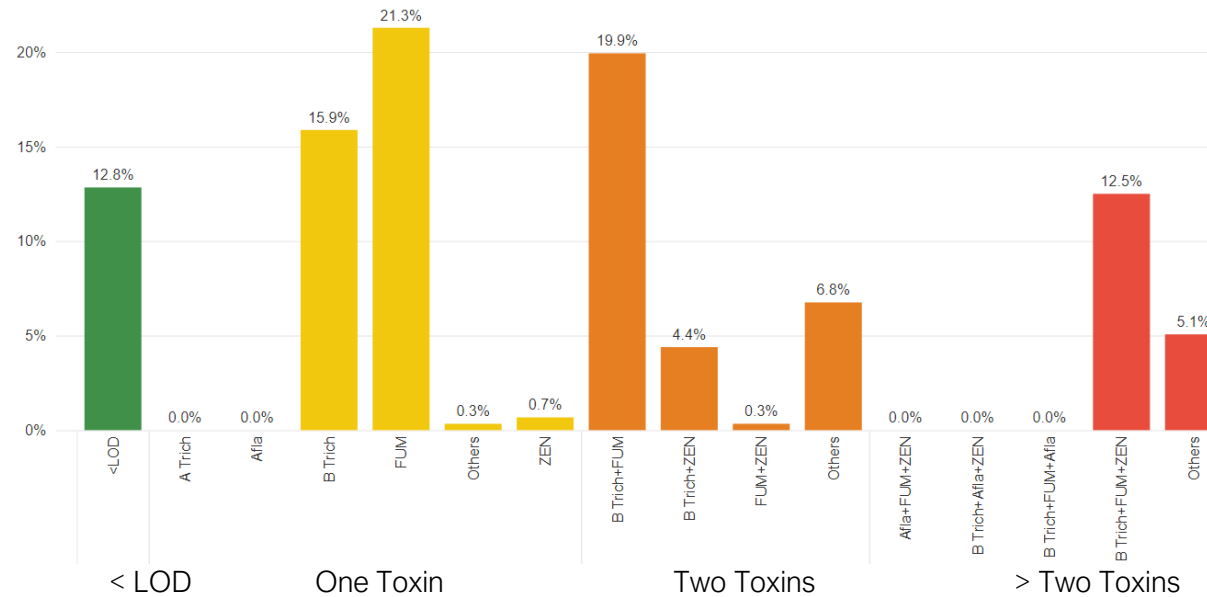
MTX Co-occurrence 2019 vs. 2020 in Canadian Corn



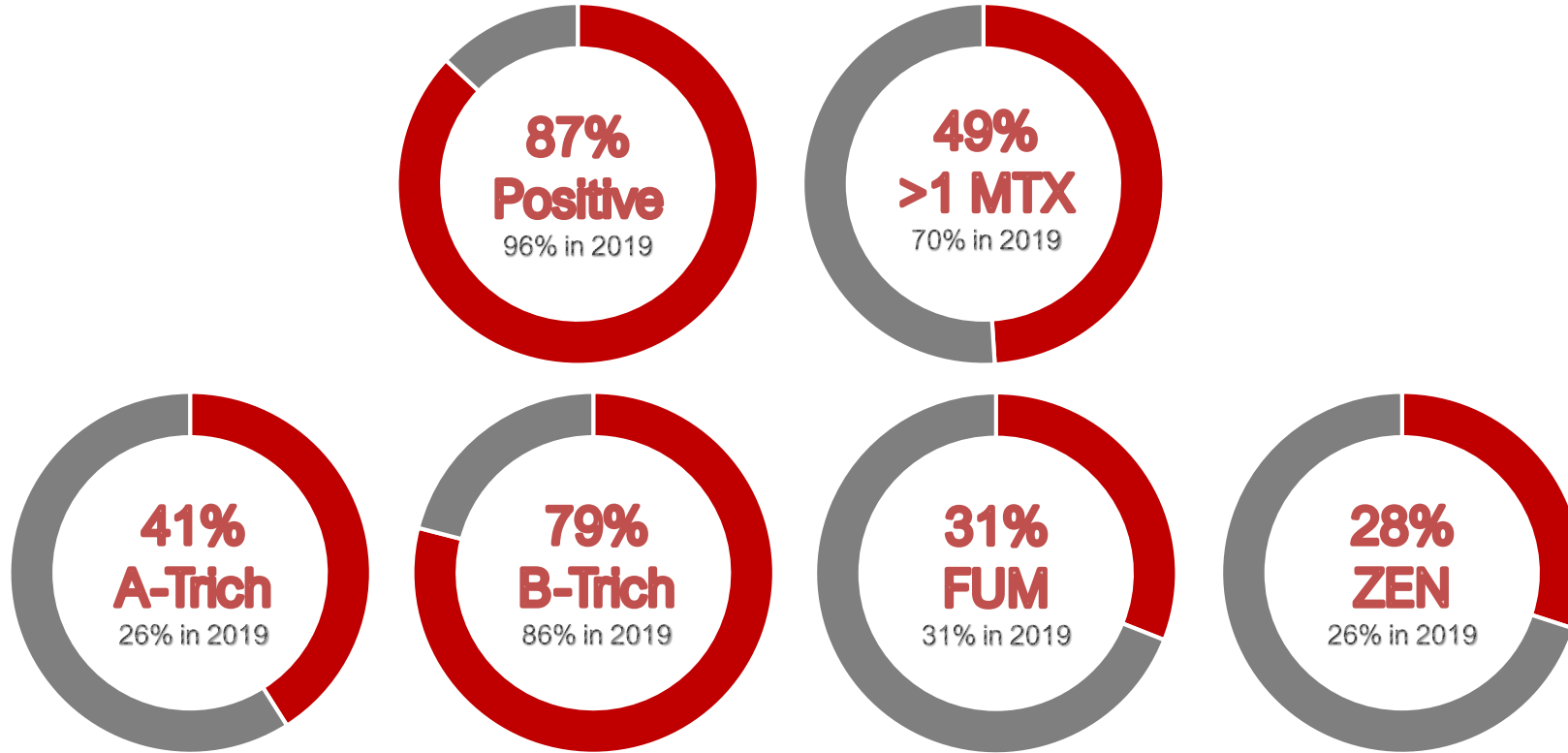
2019



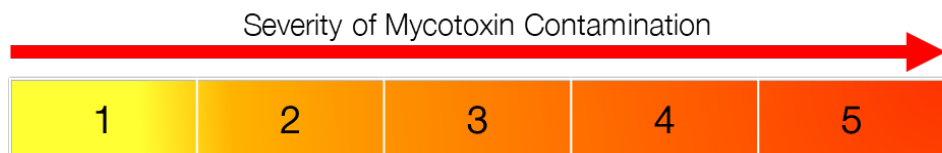
2020



Mycotoxin Survey Summary - 2020 Canadian Corn



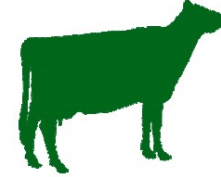
Forecasted risk for livestock production:



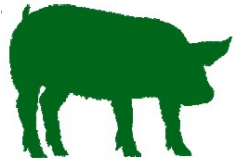
Questions?



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