

TABLE 10: MYCOTOXIN RESULTS - SORGHUM CROP QUALITY 2017/2018

Region	Grade	Aflatoxin µg/kg				Fumonisin µg/kg			DON µg/kg LOQ: 100 µg/kg	15-ADON µg/kg LOQ: 100 µg/kg	Ochratoxin A µg/kg LOQ: 5 µg/kg	Zearalenone µg/kg LOQ: 20 µg/kg	HT-2 µg/kg LOD: 20 µg/kg	T-2 µg/kg LOQ: 20 µg/kg
		B ₁ LOQ: 5 µg/kg	B ₂ LOQ: 5 µg/kg	G ₁ LOQ: 5 µg/kg	G ₂ LOQ: 5 µg/kg	B ₁ LOQ: 20 µg/kg	B ₂ LOQ: 20 µg/kg	B ₃ LOQ: 20 µg/kg						
17	GH2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
18	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
18	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
18	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
18	GH1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
18	GH2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
19	GH1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
20	GH1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
20	GH2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
21	GH1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
24	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
24	GH1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
24	GH1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
24	GH1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
26	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
27	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
27	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
27	GM2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
27	GH2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29	GM2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29	GM3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

TABLE 10: MYCOTOXIN RESULTS - SORGHUM CROP QUALITY 2017/2018 (continue)

Region	Grade	Aflatoxin µg/kg				Fumonisin µg/kg			DON µg/kg	15-ADON µg/kg	Ochratoxin A µg/kg	Zearalenone µg/kg	HT-2 µg/kg	T-2 µg/kg
		B ₁ LOQ: 5 µg/kg	B ₂ LOQ: 5 µg/kg	G ₁ LOQ: 5 µg/kg	G ₂ LOQ: 5 µg/kg	B ₁ LOQ: 20 µg/kg	B ₂ LOQ: 20 µg/kg	B ₃ LOQ: 20 µg/kg						
29	GM3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29	GH1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
29	GH1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
31	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
35	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
35	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
35	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
35	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
35	GM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
35	GM3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
35	GH1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
35	GH1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total number of samples		42	42	42	42	42	42	42	42	42	42	42	42	
Average of total number of samples		0	0	0	0	0	0	0	0	0	0	0	0	
Number of positive results		0	0	0	0	0	0	0	0	0	0	0	0	

Note:

Limit of quantitation (LOQ) means the lowest concentration level that can be quantified with acceptable precision and accuracy by the LC-MS/MS.

A concentration measured below the LOQ is reported as <LOQ.

Limit of detection (LOD) is the lowest concentration level that can be detected but not quantified and is 50% of the LOQ of each mycotoxin.

A concentration measured below the LOD is reported as not detected (ND).

µg/kg = ppb (parts per billion)