

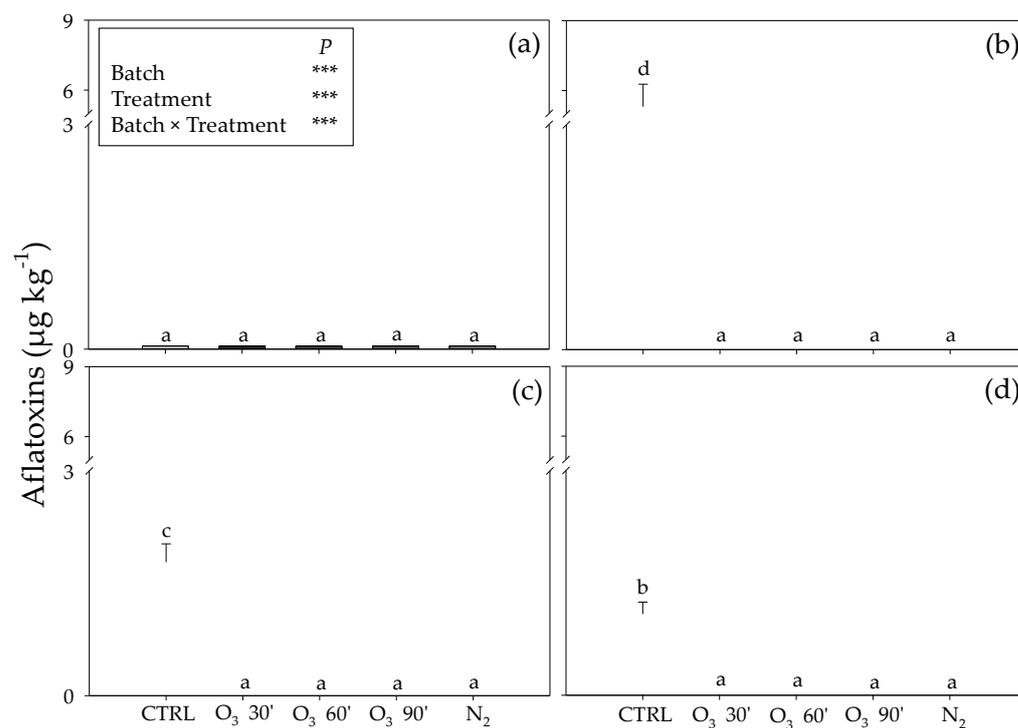
Article

# Sustainable Strategies to Counteract Mycotoxins Contamination and Cowpea Weevil in Chickpea Seeds during Post-harvest

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**Table S1.** Analysis of variance of mycotoxins content in the four chickpea batches between the mean values determined on three different replicates.

Mycotoxin	Source of Variation	df	Mean square	F	P-value	F crit
Patulin	Between Groups	3	3919.22	4.616	0.0372	4.07
	Within Groups	8	849.07			
	Total	11				
AFG2	Between Groups	3	16.56	67.80	<0.001	4.07
	Within Groups	8	0.24			
	Total	11				
AFG1	Between Groups	3	0.02	24.79	<0.001	4.07
	Within Groups	8	0.00			
	Total	11				
AFB2	Between Groups	3	0.11	170.55	<0.001	4.07
	Within Groups	8	0.00			
	Total	11				
AFB1	Between Groups	3	0.01	145.56	<0.001	4.07
	Within Groups	8	0.00			
	Total	11				



**Figure S1.** Total content of aflatoxins in four batches [n. 1 **(a)**, n. 2 **(b)**, n. 3 **(c)** and n. 4 **(d)**] of chickpea grains (CTRL, *white fill*), exposed to ozone [500 ppb O<sub>3</sub> for 30 (light grey fill), 60 (grey fill) and 90 (dark grey fill) minutes] and nitrogen treatment [99% N<sub>2</sub> for 21 consecutive days, dark fill]. Results of two-way ANOVA are reported, asterisks show the significance of factors/interaction for: \*\*\*  $p \leq 0.001$ . According to Tukey's HSD post hoc test, different letters indicate significant differences ( $p \leq 0.05$ ).