

Response to Reviewer 2 Comments

Point 1: I would suggest to avoid citing supplementary figures at the beginning of the chapter.

See for example chapter 2.4. Given that 2.4 chapter discusses data of supplementary figure 4 would suggest to make figure S4 as Figure 4 of the manuscript.

Response 1: Thanks! We agree with the reviewer's comments and make Figure S4 as Figure 4 in this revised version.

Point 2: To further clarify the infection methods a supplementary figure detailing graphically the modes of inoculation with figures would make the paper extremely useful for the community.

Response 2: Thanks! We marked the inoculation sites with red arrows in Figure 1.

Point 3: Identity of the strain used for infection should be confirmed: a multilocus species characterisation is needed to confirm the species of the strain or a reference to a publication where the strain was described and appropriately characterised.

Response 3: Thanks! We added more details about the strain and cited the following paper. (Pag.10 Line 402-403)

Zhang, Y.; Li, A.; Zhu, S.; Li, L.; He, X.; Sun, Z.; Li, T. Basal Rachis Internode Injection (BRII): A novel inoculation method to evaluate wheat resistance to *Fusarium* head blight. *Phytopathology*, **2021**, *111*, 1670-1674, doi:10.1094/PHYTO-11-20-0488-R.

Point 4: Mycotoxin data analysis should be provided (I guess is policy of mdpi to make raw data available together with the publication)

Response 4: Thanks! We uploaded the raw mycotoxin data as suggested.