

Supplementary materials

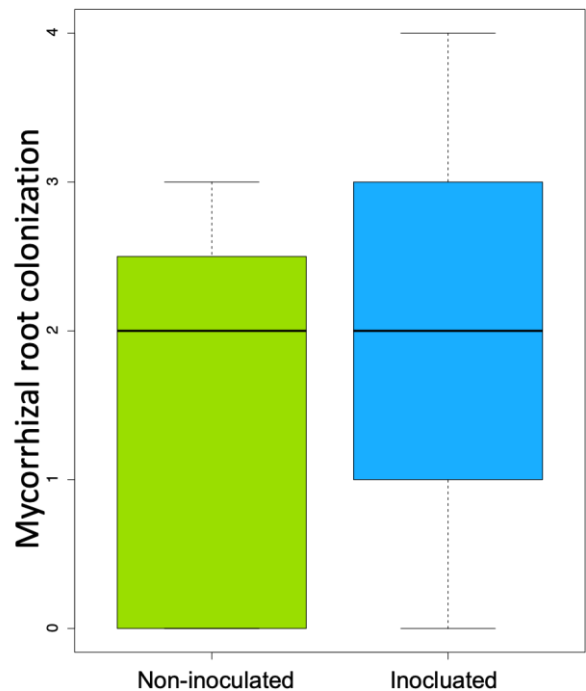


Figure S1. on inoculated and non-inoculated samples. AMF inoculation didn't have any significant difference (p -value>0.05).

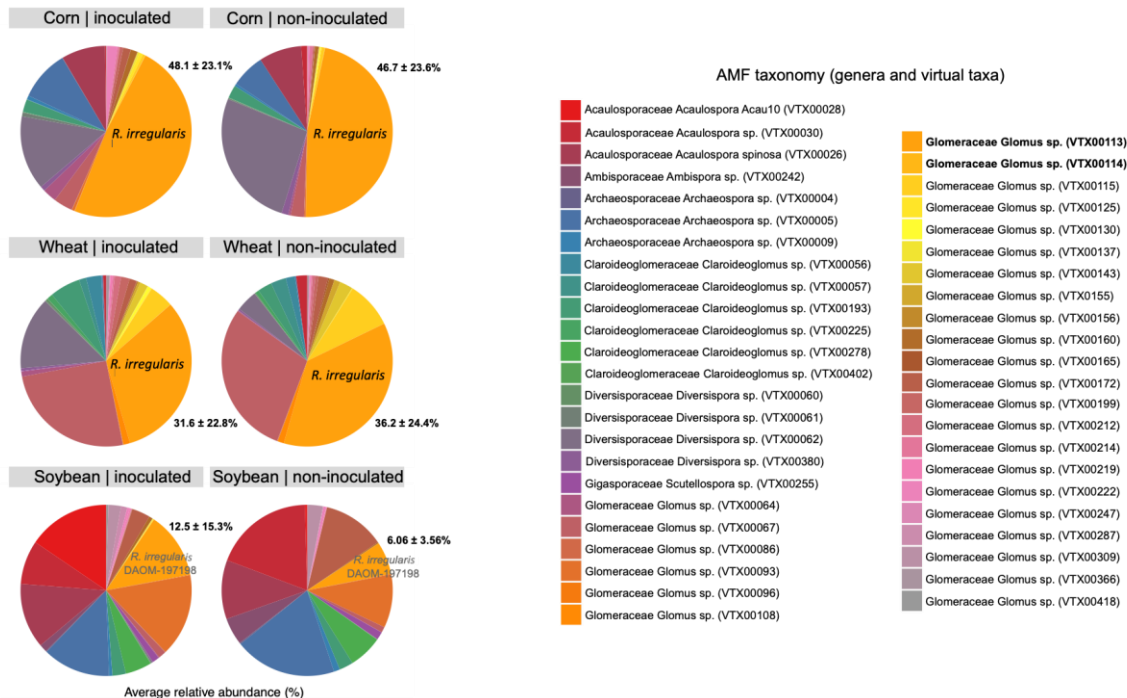


Figure S2. Abundance of AMF taxa in inoculated and non-inoculated plots of corn, wheat and soybean. *R. irregularis* represented by VTX00113 and VTX0011, dominated AMF diversity in corn and wheat.

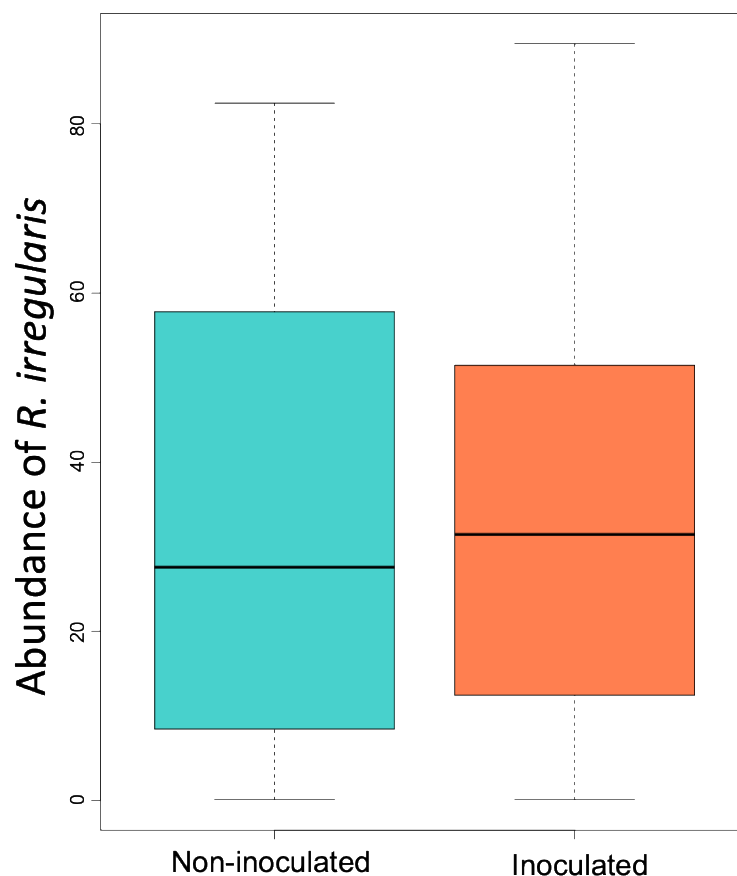


Figure S3. No significant differences in the relative abundance of *R. irregularis* in the roots of inoculated and non-inoculated soils ($p=0.173$).

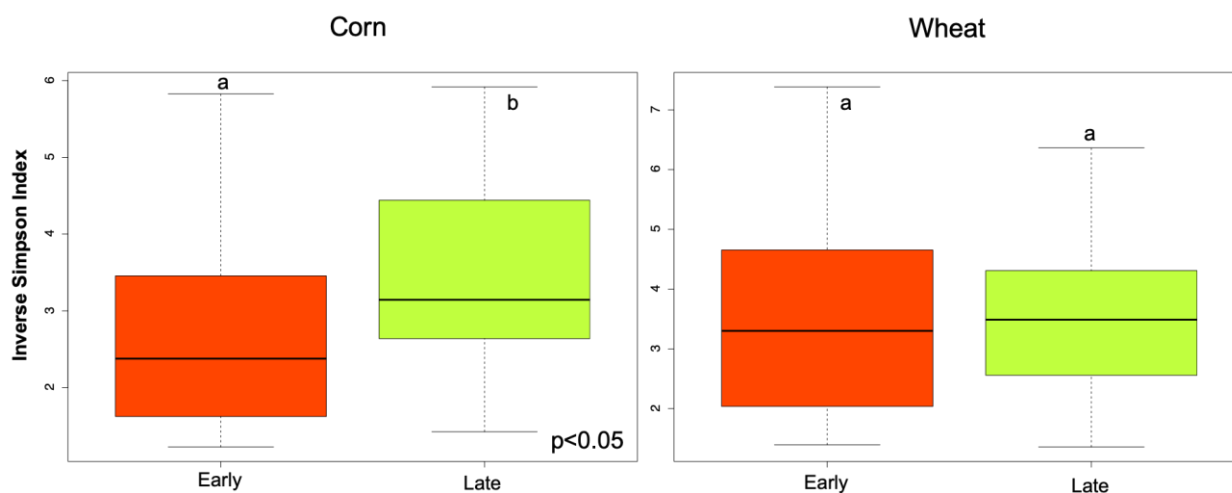


Figure S4. Corn roots at a late growth-stage had a higher alpha-diversity than corn roots at an early growth-stage ($p=0.037$), while no significant difference was observed between growing stages in wheat.

Table S1. Relative abundance can taxonomy of all 414 OTUs of AMF.

Link

at

GiHub:

https://github.com/seb951/Premier_Tech_inoculation/blob/master/results/TableS1_OTU_VT_abundance.txt