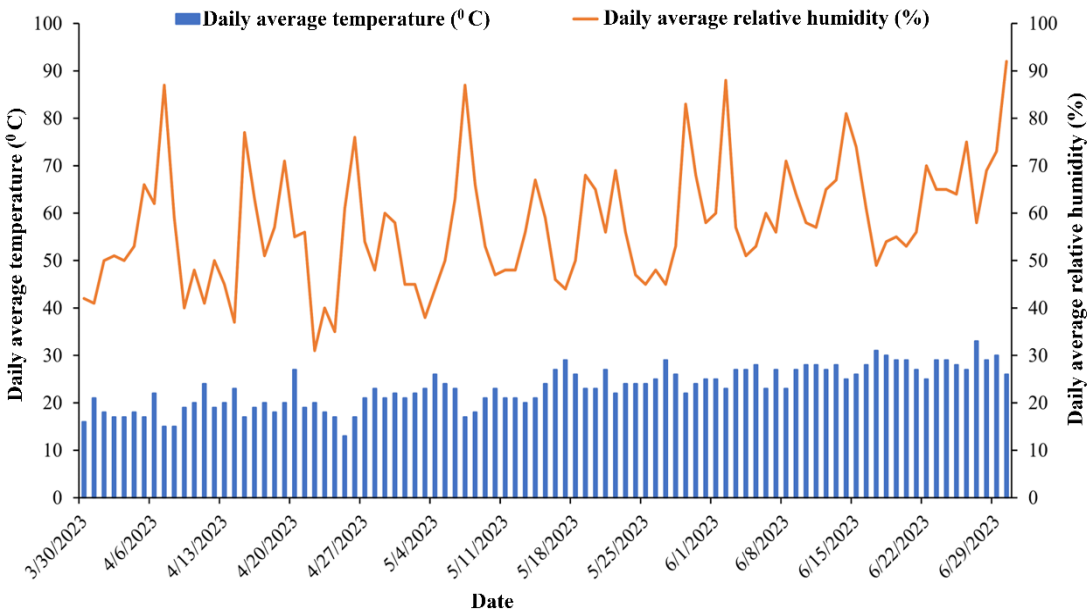


Figure S1: Daily average temperature and relative humidity in greenhouse during the experiment (March 30th to June 30th, 2023)

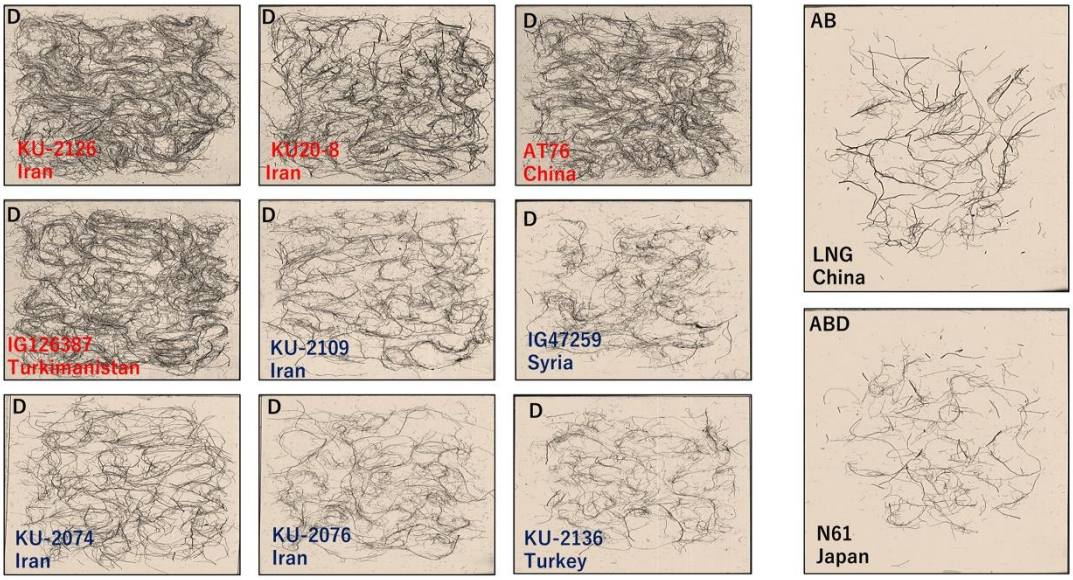


Figure S2: Image of 11 wheat accessions root system scanned with Epson scanner for WinRhizo analysis

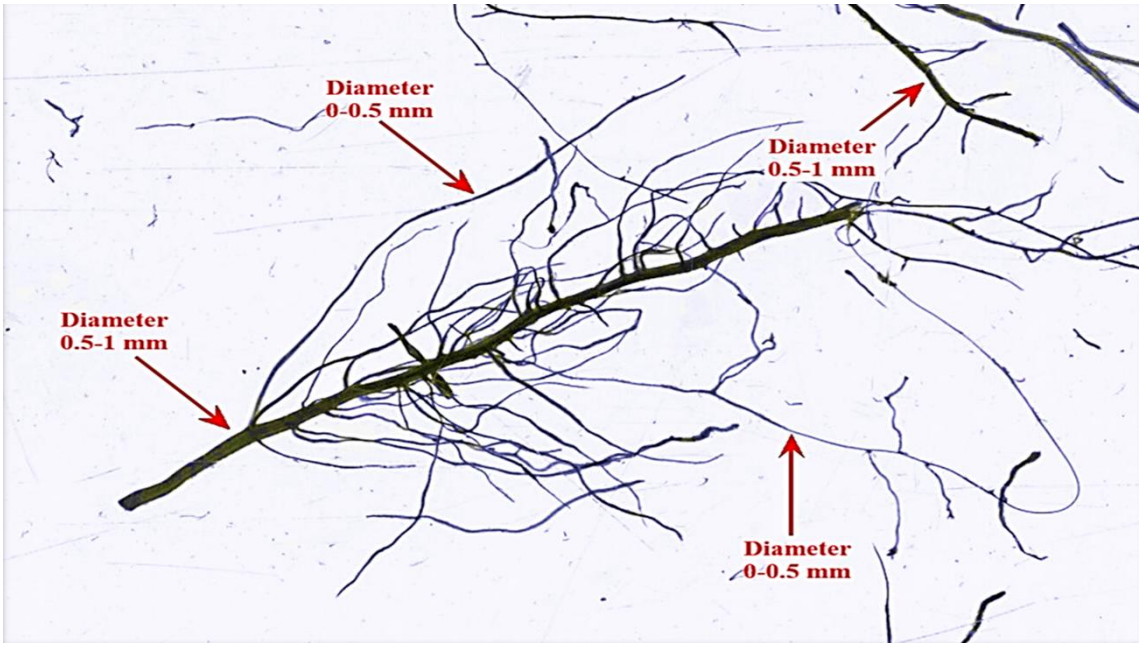


Figure S3: Images of scanned root fragment illustrating the subcategory classes of the root according to the diameter: Thin root was 0-0.5 mm, and thick root was 0.5-1.0 mm

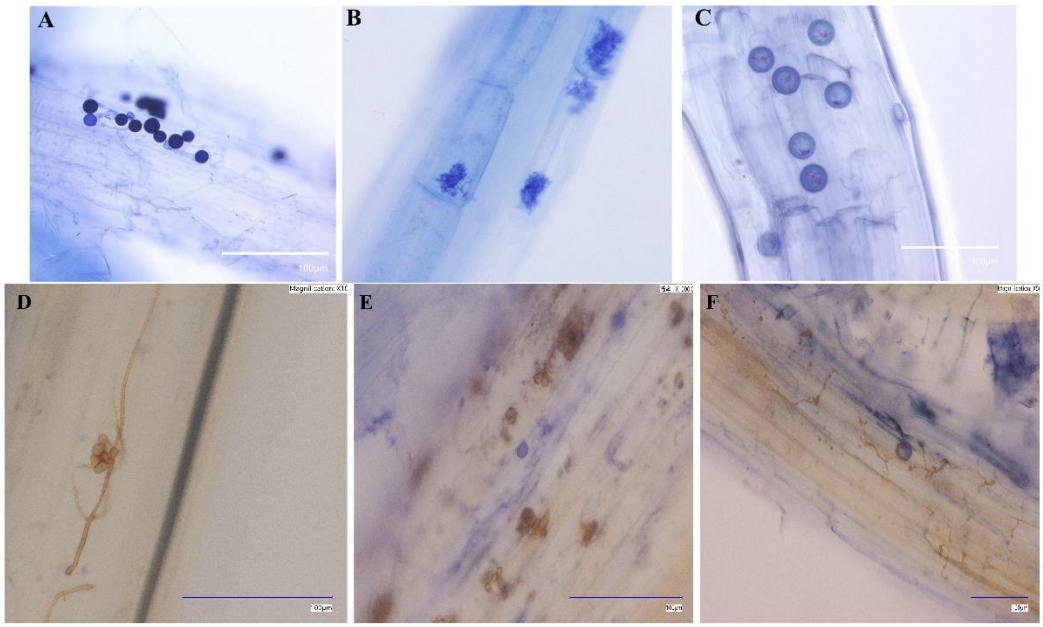


Figure S4: Images of root endophytic fungi structure inside wheat root cells:

A) AMF Vesicles. B) AMF Arbuscules. C) AMF spores. D) DSE hyphae and dark septate structure. E and F) AMF spores in dark blue color and DSE Structure in brown color. Visualized by Keyence VHX digital microscope.