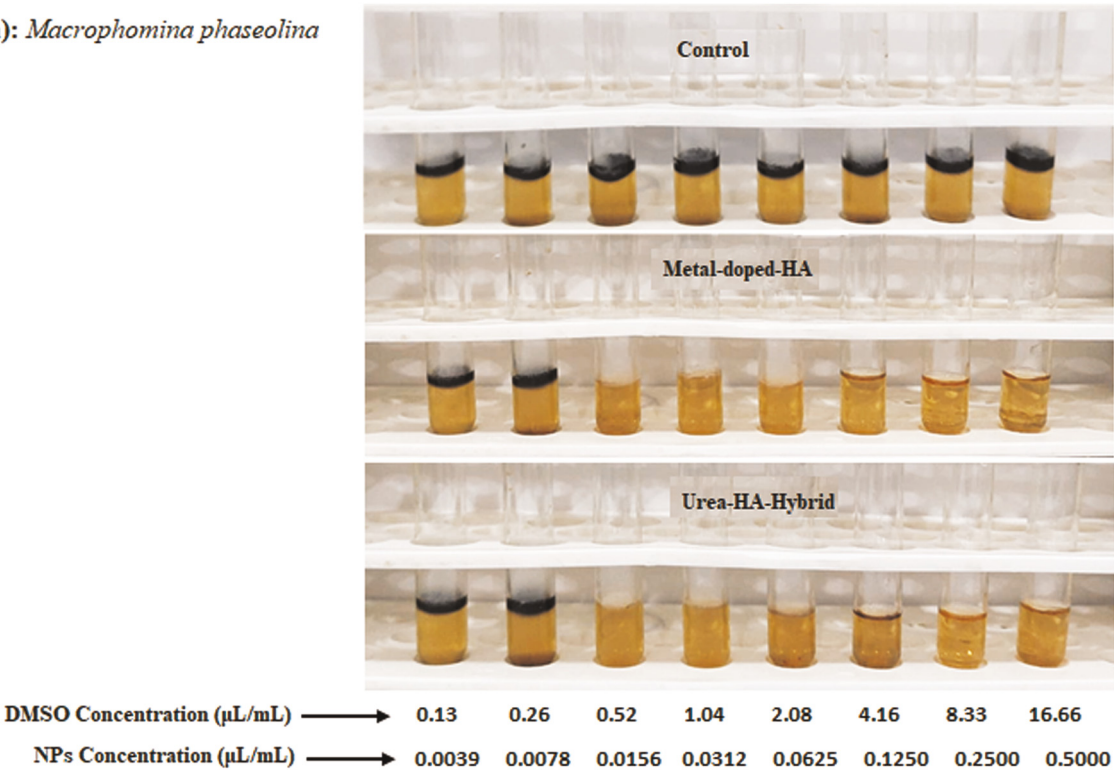


Supplementary material

(a): *Macrophomina phaseolina*



(b): *Sclerotium rolfsii*

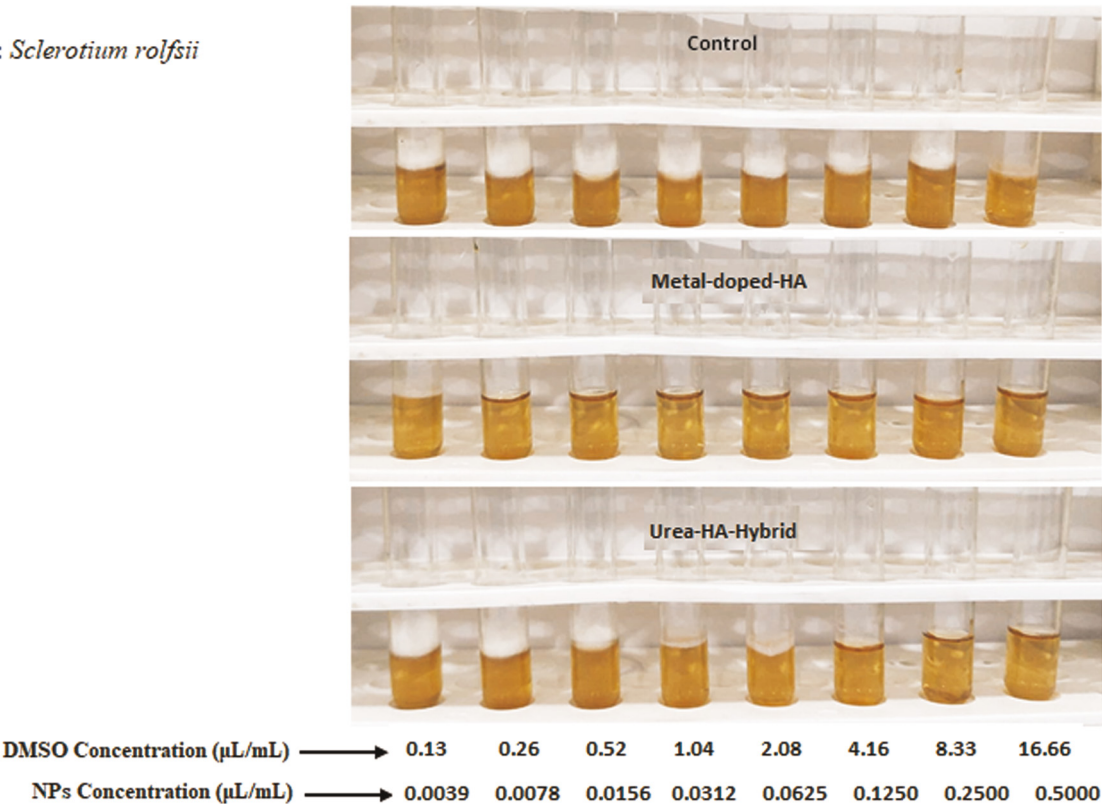


Figure S1: Effect of different concentrations of control, Metal-doped-HA, and Urea-HA-Hybrid on growth of (a) *M. phaseolina* and (b) *S. rolfsii*.

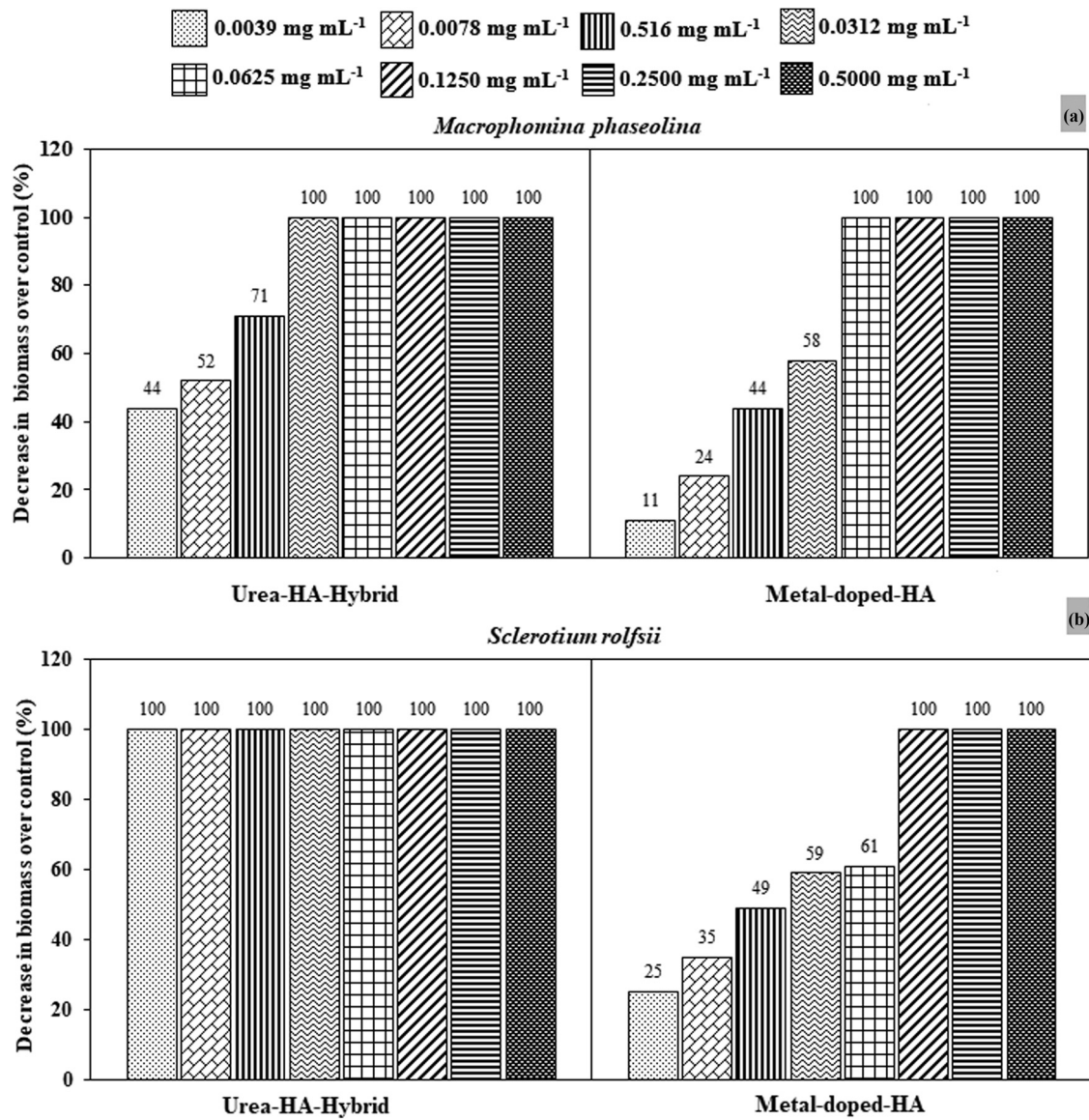


Figure S2: % reduction in dry biomass of (a) *M. phaseolina*, and (b) *S. rolfsii* in various conc. of the Urea-HA-Hybrid and Metal-doped-HA.

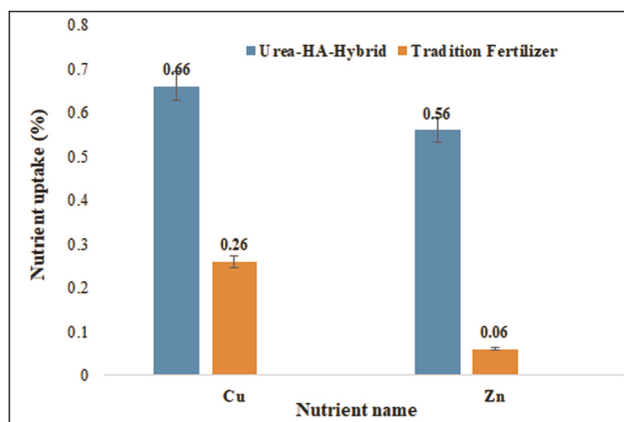


Figure S3: Comparison of nutrient uptake.