

## Supplementary Information

**Root system architecture, copper uptake and tissue distribution in soybean (*Glycine max* cv. *Kowsar*) grown in copper oxide nanoparticles (CuONPs) amended soil and implications to human nutrition**

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**Table S1. Physicochemical properties of the soil used in the experiment.**

pH	EC (dS/m)	Organic carbon (g/kg)	Total N (g/kg)	Available P (mg/kg)	Available K (mg/kg)	Cu (mg/kg)	Zn (mg/kg)	Fe (mg/kg)	Mn (mg/kg)
7.44	0.47	9.24	0.88	11.7	405	0.538	0.892	5.12	6.85