

Supplementary information:

Effect of Phosphorus Application on Arsenic Species Accumulation and Co-deposition of Polyphenols in Rice Grain: Phyto and Food safety Evaluation

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Table S1. Physical, chemical and biological properties of initial soil.

Soil properties	Values
Sand (%)	62.7
Silt (%)	20.7
Clay (%)	16.6
Texture	Sandy-clay-loam
Family	Typic Ustochrept
p ^H	7.28
EC (dSm ⁻¹)	0.3
BD (Mg m ⁻³)	1.32
PD (Mg m ⁻³)	2.65
WHC (%)	44.8
OC (g kg ⁻¹)	3.42
CEC (meq Kg ⁻¹)	0.98
OC (g kg ⁻¹)	3.42
Available N (mg Kg ⁻¹)	108
Available P ₂ O ₅ (mg Kg ⁻¹)	10.3
Available K (mg Kg ⁻¹)	137
Available As (µg K ⁻¹)	35