

Supplementary Table 1 Correlation co-efficient between different soil properties of surface (0–0.20 m) soil

	Bulk density	pH	Organic content	Average nitrogen	Average phosphorous	Average potassium	Earthworm population density	Soil microbial biomass carbon	Dehydrogenase activity	Acid phosphatase activity
Bulk density	1									
pH	0.281	1								
Organic content	-0.247	0.825**	1							
Average nitrogen	0.197	0.797**	0.806**	1						
Average phosphorous	0.166	0.797**	0.829**	0.999**	1					
Average potassium	-0.199	0.794**	0.821**	0.963**	0.966**	1				
EPD	-0.327	0.574**	0.762**	0.870**	0.876**	0.839**	1			
SMBC	0.339	0.423	0.601*	0.876**	0.681**	0.815**	0.850**	1		
DHA	-0.275	-0.180	0.745**	0.778**	0.814**	0.912**	0.913**	0.821**	1	
PHA	0.547*	0.386	0.654*	0.769**	0.644**	0.634**	0.764**	0.754**	0.466*	1

*, Significant at 5% level of significance; **, Significant at 1% level of significance; EPD, Earthworm population density; SMBC, Soil microbial biomass carbon; DHA, Dehydrogenase activity; PHA, Acid phosphatase activity.

