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Differential effect of coal combustion products on the bioavailability of phosphorus between inorganic and organic nutrient sources

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Highlights

Examined effect of CCPs on increasing P bioavailability in P treated soils

CCPs decreased soluble P from inorganic P; increased bioavailable P from organic P

FBC emerged as the best CCP in enhancing the bioavailability of P in the soil

FBC decreased leachate P by increasing bioavailable P and reducing water soluble P

Plants utilised more P during second cropping because of increase in bioavailable P

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