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Cadmium mobility, uptake and anti-oxidative response of water spinach (*Ipomoea Aquatic*) under rice straw biochar, zeolite and rock phosphate as amendments

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Bullet points

- 1- Alkaline amendments (Biochar, Zeolite and Rock phosphate) are suitable for acid cadmium contaminated soil.
- 2- Rice straw biochar has ability to immobilize Cd and decreased Cd bioavailability to Water spinach
- 3- FTIR analysis clearly indicate the mechanism of Cd immobilization through complexation

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