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Tourmaline and biochar for the remediation of acid soil polluted with heavy metals

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Highlights

- Tourmaline could decrease heavy metal contents in acid soil.
- Biochar more obviously decrease heavy metal availability in soil than tourmaline.
- Tourmaline and biochar could decrease heavy metal contents in wheats.
- The heavy metals contents decreased with decreasing tourmaline particle sizes.
- Tourmaline and biochar could both increase soil urease and invertase activities.

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