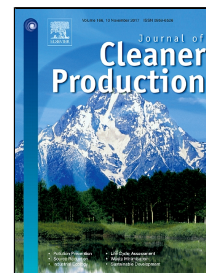


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A Plant Tolerance Index to Select Soil Leaking CO₂ Bio-indicators for Carbon Capture and Storage

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Highlights

- A Leaking CO₂ Tolerance Index (LCTI) was developed and tested on four plants
- Higher LCTI indicates tolerance to high soil CO₂ simulating carbon storage leaks
- Clover was the most tolerant to CO₂ leakage and maize was the most sensitive
- Maize could be a suitable bio-indicator of CO₂ leaks in carbon storage fields

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