

Woodchip bioreactors for managing nutrient and pesticide levels in recycled greenhouse irrigation water

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What are woodchip bioreactors?

Woodchip bioreactors to treat agrochemicals in water

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What woodchip bioreactors are proven to do at scale?

- Longer retention time **removes** nutrients and pesticides.
- Shorter retention time **recycles** nutrients while **removing** pesticides.

Abdi et al., 2020

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Large-scale of woodchip bioreactor

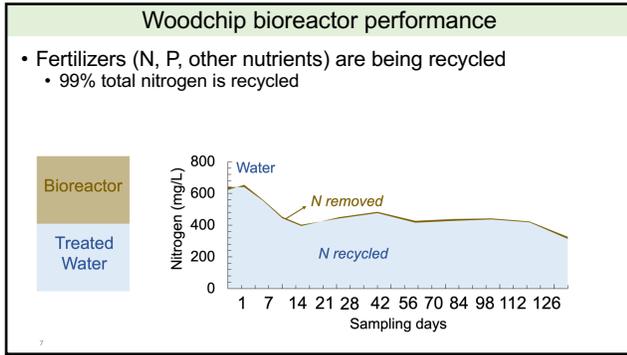
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Why woodchips?

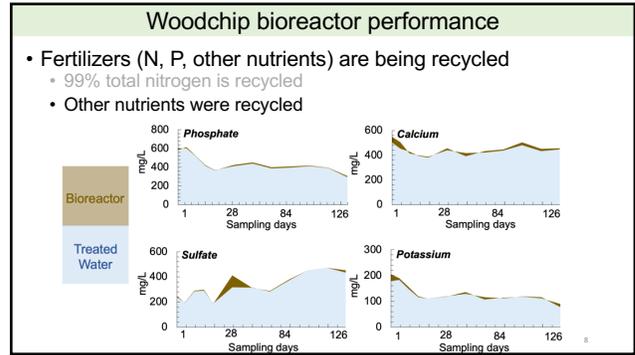
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Why woodchips?

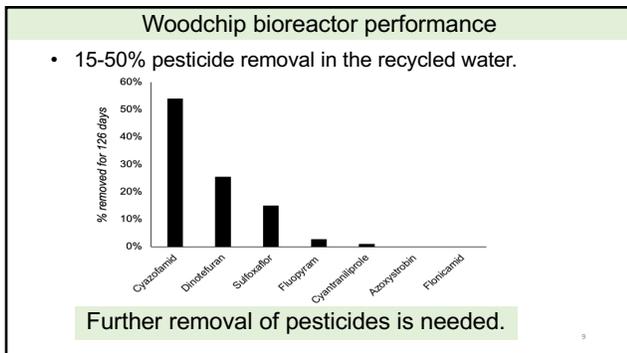
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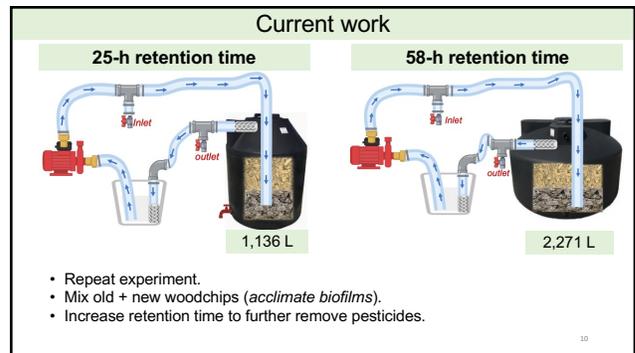
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