

Absorption, Action and Translocation of Glyphosate

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Herbicide Control Methods

- Foliar spray
- Cut stump
- Stem injection



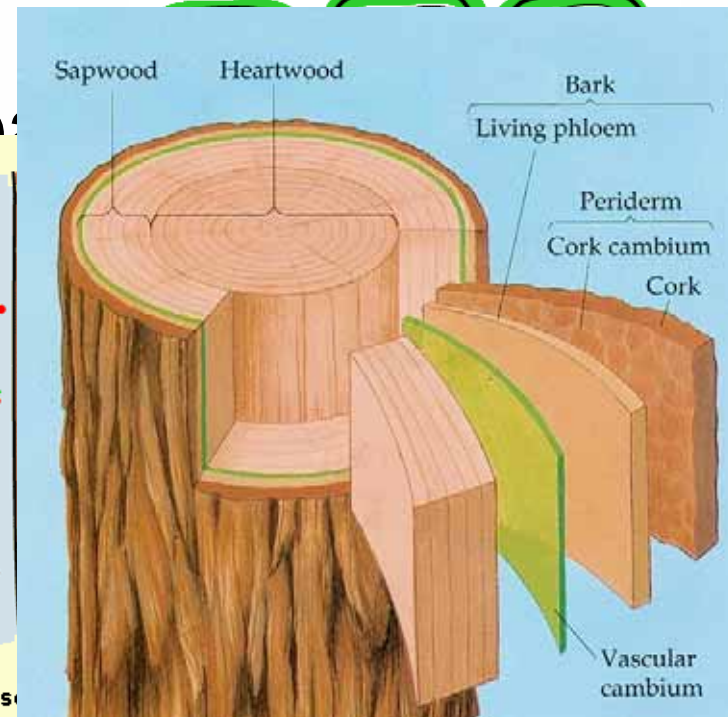
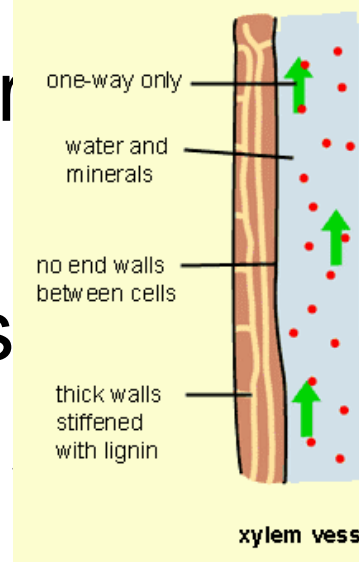
Factors Affecting Glyphosate Absorption and Transport

- Plant morphology & physiology
- External factors



Plant Morphology & Physiology

- Cuticular permeability
- Cell membrane permeability
- Symplast entry
- Plant growth differences in secondary growth
- Plant growth



External Factors

- Environmental conditions
- Season of application
- Application rate
- Mode of application



My Work

- Investigating glyphosate absorption and translocation
- Tracing in lab
- Controlled experiments in growth chamber investigating various factors
- Field experiments

Rhododendron Autoecology

- Invasion dynamics
- Seed germination
- Seedling survival
- Post-clearance management
- Competition
- Grazing

Friend or Foe?





FIN

THANK YOU