

2. Reading

Relation between water, soil, pests and crop productivity

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The problems are related

- Poor water quality (high saline content) induces a poor quality soil
- Poor quality soils have a reduced water retention capacity
- Low water retention capacity of the soil prevents development of the roots
- Poor root quality reduces plants resistance to pests (like root knot nematodes)
- Poor soil quality increases pest attack probability
- These interconnected problems reduce crops productivity



In order to break this vicious circle, water quality has to be improved