

Appendix 2: Soil Health Situation Cards

Well-aggregated soil has lots of pore space.
Heavy clay holds water too long.
Tractor traffic makes soil hard.
Loamy soil allows easy drainage and root growth
Soil with more organic matter holds more water.
Plants can't absorb nutrients despite high fertilizer use.
White crust forms on soil surface, and plants wilt.
Over-fertilization harms soil microbes.
Adding compost boosted tomato growth.
Fungi helped roots absorb phosphorus.
Sterile soil lacks resilience during drought.
Soil smells earthy and is full of worms.
Soil is blowing away after plowing.
Runoff from lawns causes algae blooms.
Bare land after tree removal leads to flooding.
Switching to no-till increases organic matter.