

Implement a Soil Health Mgt. System (SHMS) to meet your Resource Concerns

Soil, Water, Air, Plant, Animal & Energy (SWAPA-E) Resource Concerns



Green Chile in Sena, NM

Plant: Healthy soils grow healthy plants and nutritious crops.

Soil: Healthy soils have water-stable aggregates & surface residue cover that protect the soil from water & wind erosion, and buffers against temperature extremes. Other benefits include: increased available water; improved nutrient cycling; more diverse soil biota, and much more.



Animal: Healthy soils, based on well-managed & diverse plant communities, produces healthy watersheds that support fish and wildlife habitat and livestock production.

A SHMS provides for the economic, social and cultural wellbeing of Humanity.

Water: Healthy soils increase water-use efficiency & drought tolerance; have higher water-holding capacity; increases aquifer recharge; & produces higher water quality return flows.

Ref.: The role of agroecology and integrated farming systems in agricultural sustainability



Energy: Implementing a SHMS results in energy conservation.



Slake Test



Slake Test & Rain Simulator (Source: Ray the soil guy)



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