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

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

Top Soil: the Farmers Capital

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**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.

**Energy:** Implementing a SHMS results in energy conservation.

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

**Air:** Healthy soils produce clean air.

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

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

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 USDA is an equal opportunity provider and employer

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Green Chile in Sena, NM

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

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