Soil Health for Vineyards

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Soil Health-"the continued capacity of soil to function as a vital living system within ecosystem and land use boundaries, to sustain biological productivity, promote the quality of air and water, and maintain plant, animal, and human health"

Soil Health Principles

- Keep soil covered
- Minimize soil disturbance
- Maximize roots
- Plant diversity
- Integrate livestock
- Organic amendments



Water infiltration

Ground water recharge

Increased water storage

Reduced erosion & sediment

Improved water quality

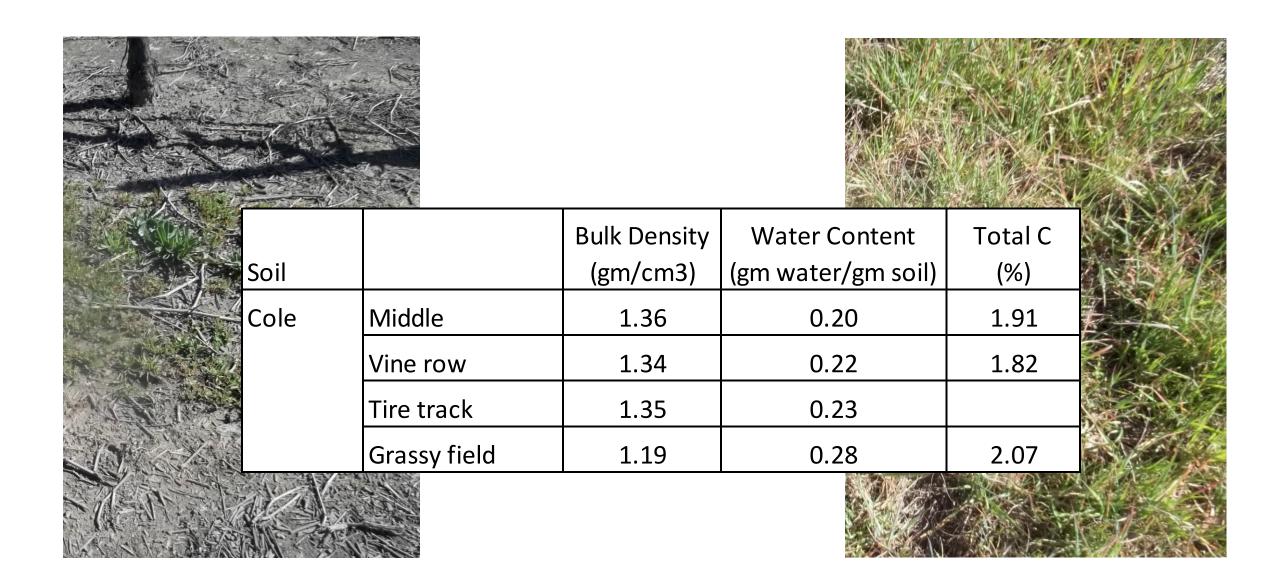
Nutrient cycling & retention

C sequestration



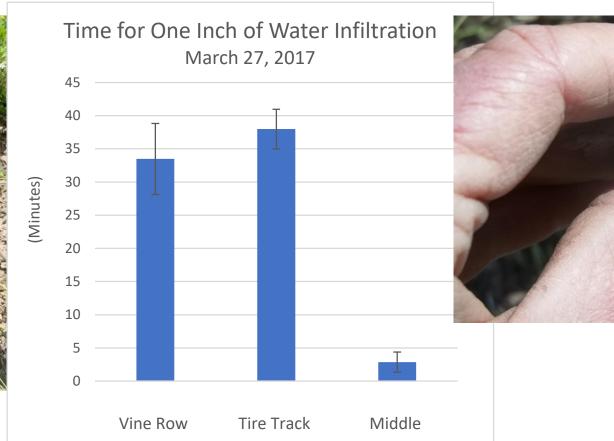


Cole loam sampled March 15, 2019.



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Soil Health Assistance

- Planning, technical assistance
- Cover crops
- Reduced tillage
- Compost, biochar

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