

Tillage Goals and Alternatives

Goal	Alternative
Aeration	Very High OM soil is already aerated, NO compaction Excellent cover cropping
Ferts/amendment Incorporation	Topdress only, liquids Broadfork Only.....tilther only?
Fine Seedbed Prep for small seeded crops	No-till into thick compost Use transplants and not direct seed
Weed Control	Mulches (living, plastic, hay/straw) Flaming No-till into very thick weedfree compost
Residue/OM Management	Tarping (occultation) Hand removal

THANK YOU



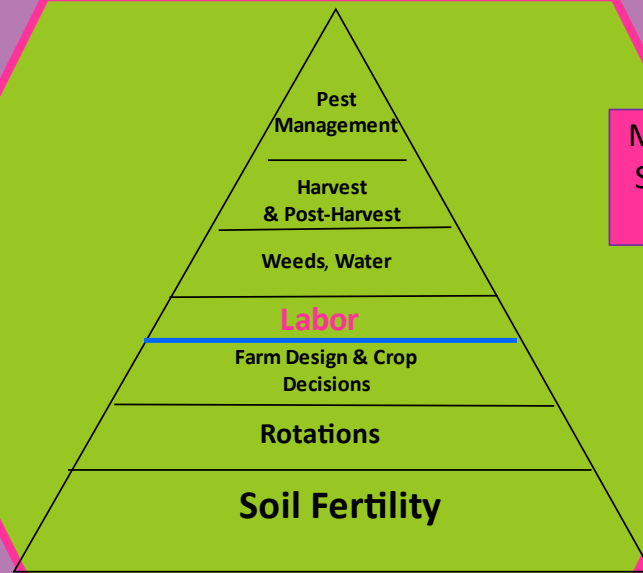
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Flower photos by Barbara Lamborne of Greenstone Fields in Virginia

Farm Systems
Hierarchy of
Importance



Marketing Plan
Surrounds the
Farming Plan

Diversity = Balance = Sustainability

Alex Hitt, Peregrine Farms, 2012

5 rules for maintaining soil health

1. Test and balance soil nutrients, add what's missing
2. Till thoughtfully and gently
3. Keep adding Organic Matter
4. Keep the soil covered as much as possible, preferably with living plants
5. Rotate crops

Where are things getting a little whacky?

In my Opinion....

Misuse/misrepresentation and dogmatic fervor of No -Till

Overuse/Misuse of Compost

Eschewing of Fertilizers

Over Elevation of Lotions, Potions and Salves




THANK YOU



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 @planttoprofit_farmerellen

 ellen@planttoprofit.com



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A Healthy Soil

Is a vital living system that sustains plant, animal and human health

A healthy soil is one that can quickly recover from disturbance – tillage, weather events, etc.