

3 Years of
“Clean” Soil
and Biologicals.



I am not a Biologicals Expert but...

Consider me a tried and true Biologicals Field Tester with proven results.



Typical Fall.

I haul out the Old Plant Matter to Town Compost.Before the plant degrades.



Wards Berry Farm. November
Aged Maple Leaf Compost



November.....Spreading the **Maple Leaf Compost** (aka Black Gold)!! 6 yds /4000 sq ft

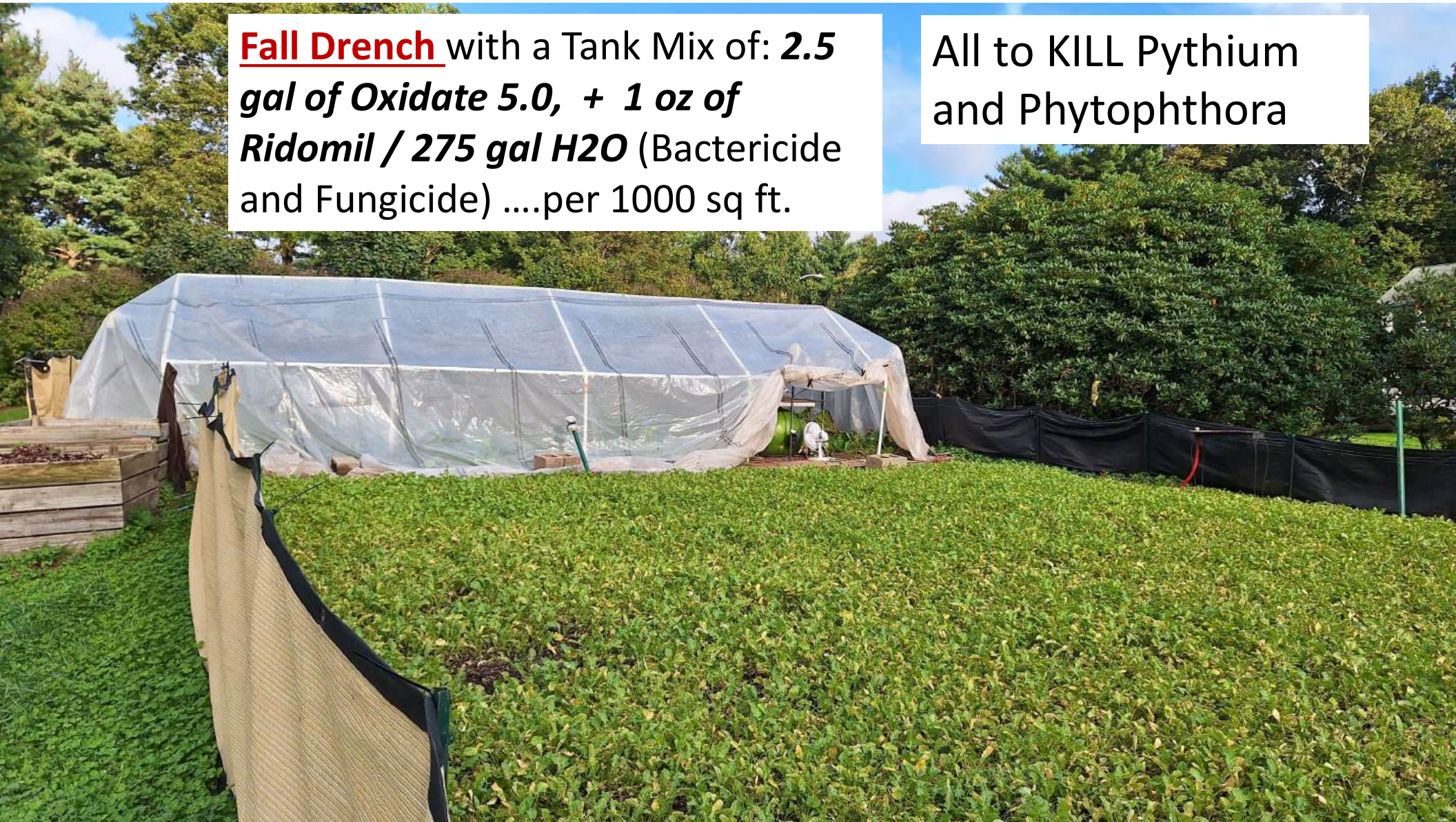
Tilled under....


Microbes devour it as they move.
Basically, subsurface tilling and
aeration of the soil + fungal activity
Org matter becomes nutrients like
calcium, nitrogen etc
6.0-6.8 pH balance great for
pumpkins



Fall Drench with a Tank Mix of: **2.5 gal of Oxidate 5.0, + 1 oz of Ridomil / 275 gal H2O** (Bactericide and Fungicide)per 1000 sq ft.

All to KILL Pythium and Phytophthora



A wide-angle photograph of a lush green field of Kodiak Mustard plants. The plants are densely packed and appear healthy, covering the entire foreground and middle ground. In the background, there is a wooden fence and some trees under a clear sky. A white text box is overlaid on the right side of the image.

Kodiak Mustard Planted Oct 14th
Recovered from Oxidate 5.0 application in 5 days.

November 1st
Cut mustard down and...



Tilled it under in one hour. Then drenched.
Do this quick for optimum biofumigation.
Fencing removed too.



SPRING

April 1st. Dug 6ft x 8 ft planting holes / heating cable holes.
Back filled with Peat, Perlite, Mycorrhizae and Loam.

DO NOT REMOVE THIS TAG

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4M36

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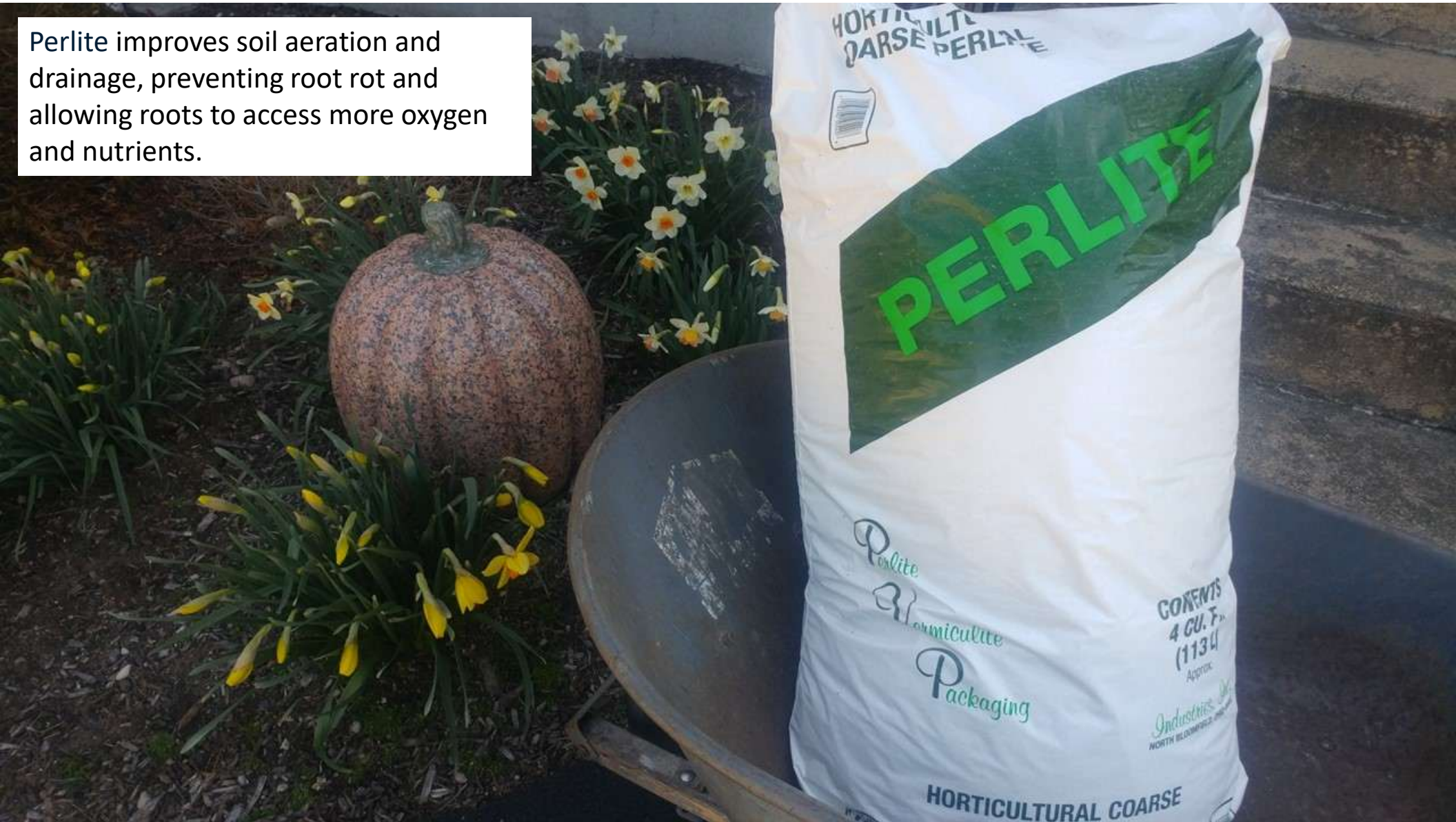






Peat moss can loosen dense soils, improve aeration, and help soil retain more moisture.

Perlite improves soil aeration and drainage, preventing root rot and allowing roots to access more oxygen and nutrients.



Peat Moss
Perlite
Humic Acid
Worm Castings







My March 27th chores for 4 Giant Pumpkins

- 1) Spreading 3.8 cu ft of Peat with Perlite over a 15 ft diameter, around each Crown location.
- 2) And spreading 25 lbs. of Slow Release Purkote 11-0-44 over 4000 sq ft.

High K. Promotes Fruit Growth and Health.

Over application can cause overgrowth which can split pumpkin rind.

Especially during Rapid Growth. So Slow release Purkote prevents this.



My source
Jeff Meyer. From CT
Tech Sales Rep
860-319-7686

PURKOTE™

ADAPTIVE NUTRIENT DELIVERY



11-0-44 180 Day

Guaranteed analysis


Total Nitrogen (N)*.....11%
Available Phosphate(P₂O₅).....0%
Soluble Potash (K₂O).....44%

Derived From Polymer Coated Potassium Nitrate

*This product has been tested for a 180 day release at 86 F, however product may be fast or slow depending on temperature and soil condition.



Manufactured By
Pursell Agri-Tech LLC



April 2024

- 1) Drenched with OxiDate 5.0. (a bactericide/fungicide for kill of Pythium and Spores of Downey/Powdery Mildew)
- 2) Ridomil Gold, a systemic fungicide which is tank mix compatible with OxiDate. This stuff kills both Pythium and Phytophthora.



Pythium and Phytophthora are a fungi/water mold. A close relative to Algae. On Contact, Oxidate 5.0 (Hydrogen Peroxide) KILLS them both. Its like Shocking Pool Water.



Mix rate over 1000 sq. ft.
2.5 gal Oxidate per 275 gal H₂O
Ridomil 1 fl oz per 275 gal





April 13, 2024 Drenched the patch with the following biologicals today:

- 1) SP1: d biofertilizer which can rejuvenate the root zones in the soil.
- 2) MT17: a biodigester to further breakdown matter in the soil.
- 3) Humic Fulvic 5-2: to stimulate microbial activity in the soil.
- 4) Neptune's Fish Seaweed 5-2-3: to enhance major and micro plant nutrients
- 5) Essential 1-0-1: to add organic matter and promote better nutrient uptake.

