Update on Bloat Nematode and other Diseases of Garlic

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Bloat Nematode Damage to Onion Seedlings

Symptoms of bloat nematode infections

German Red
Spanish Roja
German white

200 µm

200 µm
Ditylenchus dipsaci

Distribution of Bloat Nematode

Ditylenchus dipsaci

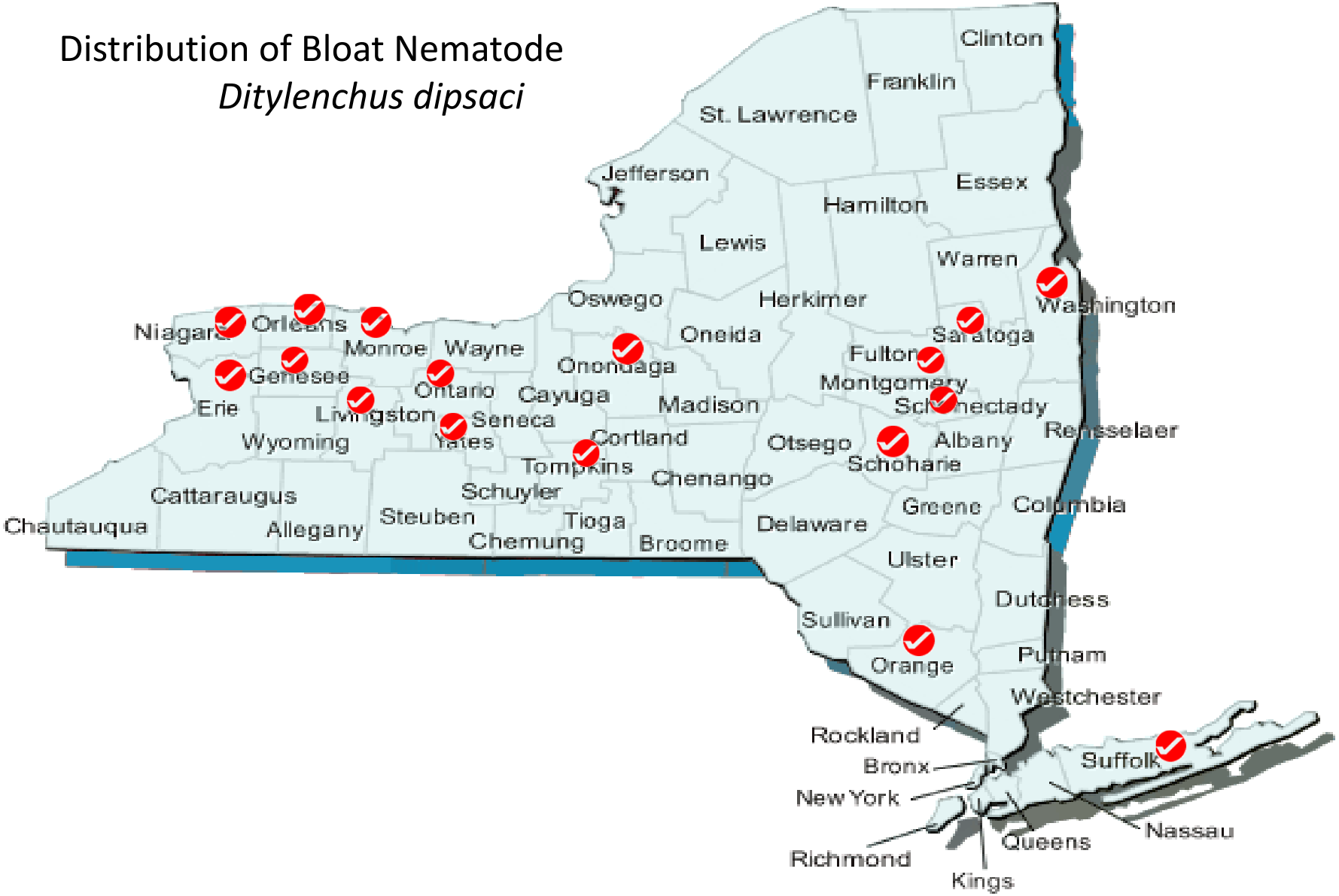
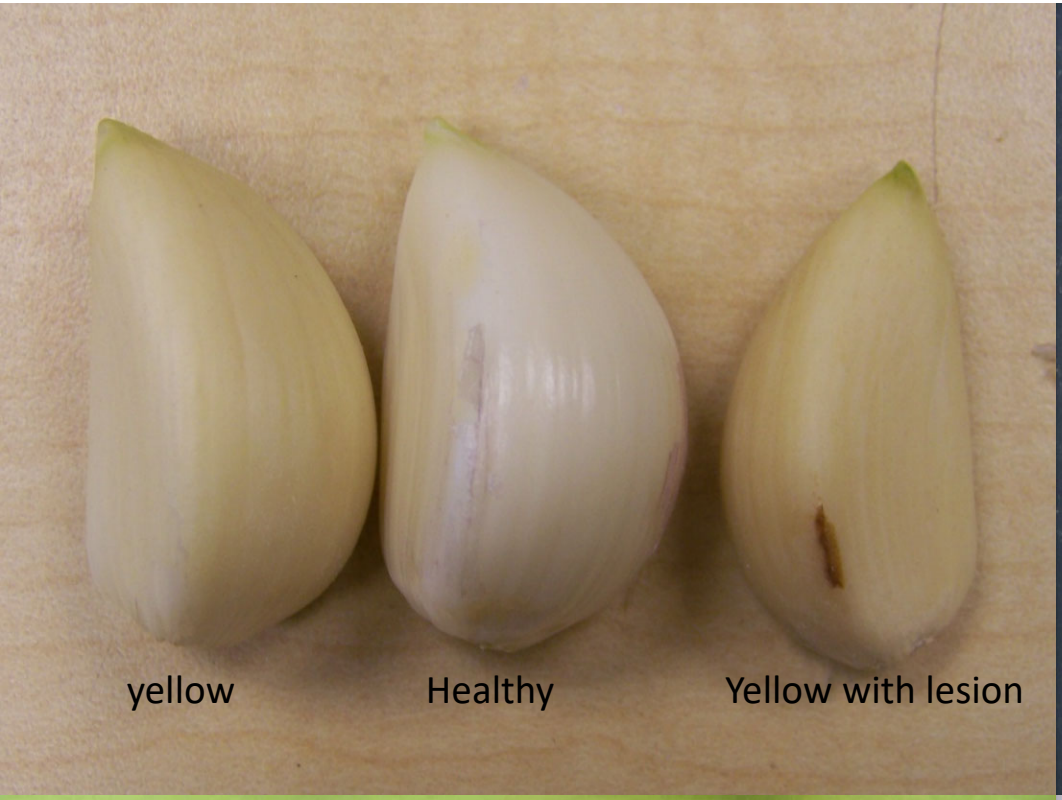
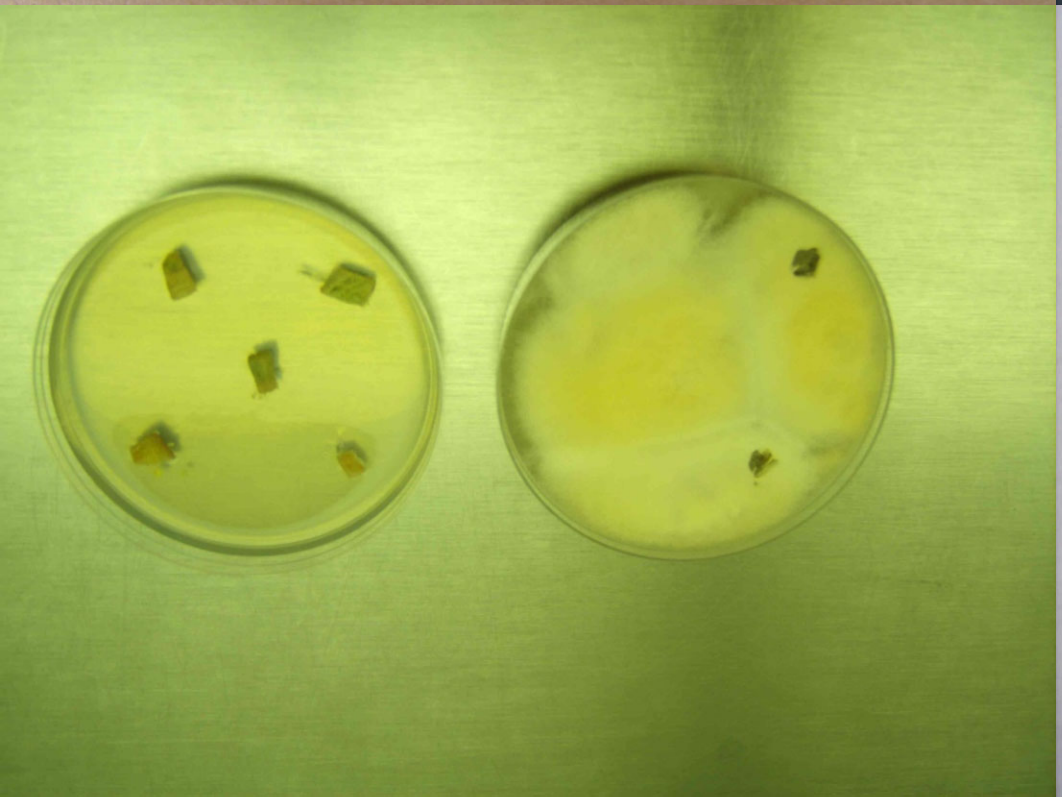


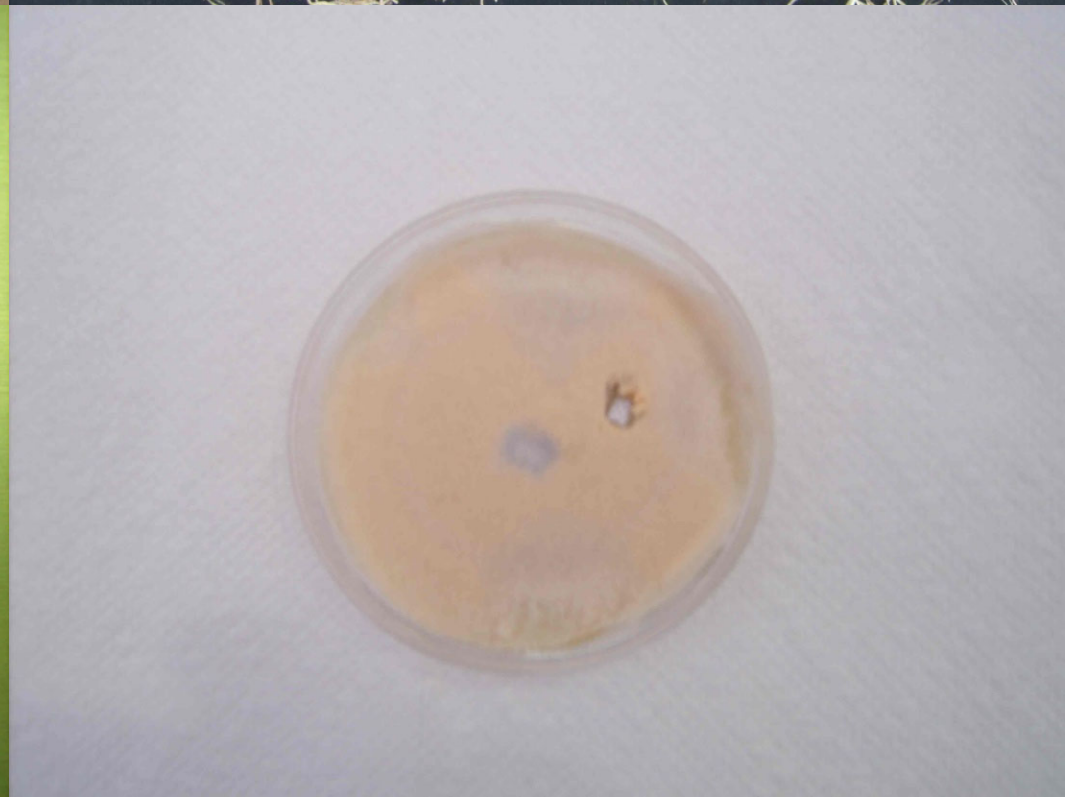
Photo by Crystal Stewart

Management Guidelines for the Bloat Nematode

- Plant only nematode-free seeds.
- Hot water treatment might be considered, if clean seeds are NOT available.
- Test soil for infestation by the bloat nematode.
- Avoid infested soil or treat with an appropriate nematicide.
- Rotate out of susceptible hosts for 4 years.
- Bio-fumigation cover crops incorporated as green manures may also reduce soil infestation of the bloat nematode, but confirmation is needed.
- Practice good production and sanitary practices to reduce the introduction and spread of this nematode and other pathogens.


yellow
Healthy
Yellow with lesion





Thanks And Questions?

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