

Stockbridge Agricultural and Forestry Commission Meeting Combined with Select Board September 23, 2021 Minutes

Present

Agricultural and Forestry Commission	Select Board and others
Mathieu Boudreau Erik Rasmussen Lisa Bozzuto Shelby Marshall (Alternate)	Michael Canales Roxanne McCaffrey Earnest J. Cardillo Patrick White DendroW: Kyle Byrnes, Bobbi Paley, Jon Jacobs, Stephen Reese, Dustin Cook

- **Ice Glen Tree Treatment Alternatives Discussion**
 - Guests: Jon Jacobs, Kyle Byrnes, Bobbi Paley, Stephen Reese, and Dustin Cook.
 - Bobbi and Kyle were in person. The rest were via Zoom
 - They came together as a group recently
 - Jon Jacobs: 25 years at EPA.
 - Bobbi lives in Stockbridge. Serial entrepreneur. Investor
 - Kyle is an arborist. Been involved for 6 months
 - Stephen is at Green Wave Products. <https://greenwaveproducts.com/>
 - Dustin: was in health care, then founded DendroW.
 - Bobbi put the team together last June.
 - Balco is the operating company
 - PH2O is the company that manufactures Dendrow. Also, make Pure Harvest.
 - Bobbi said it's important to get the community involved.
- About Dendrow
 - It is not a chemical. Not a pesticide. It's a wash – a cleaner. It does not kill insects. It washes them off.
 - It removes contaminants and growth inhibitors.
 - It's a powder: mix with water, spray on leaves. No oils, no residue.
 - It lets photosynthesis function more efficiently. Leads to a healthier plant.
 - Leaves trace amounts of potash and water
 - Green Wave produces it. Note: DendroW does not appear on their website, but it may be the product called Pure Harvest on the website.
 - Green Wave has a nutrient program. AgriPower. Two-pronged: tree and soil.
 - There is no info about DendroW or the product on the Internet. Kyle seemed to say that is intentional
- They have used the product:
 - on medical cannabis and produce (pre-and post-harvest)
 - It leaves no needle burn
 - Lab tests: no microbials, no contaminants detected.
 - It was used in June on 200 hemlocks on private land in the Catskill forest
 - It washed the Woolly Adelgid off of the leaves.

- o They don't have data about how long it keeps Woolly Adelgid from going back onto the trees.
- o They don't have data about the effect on the rest of the ecosystem.
- o An independent lab is doing some kind of test, and they will send us the results. This is not in-situ testing – it's in a lab.
- o They will get us data on pH, nutrients, etc. in the soil.
- o They will email photos: before and after
- Their process: planning, treatment, management
 - o They use drones to count and measure the trees. Map heights. Lidar. 3D map. Centimeter accuracy. They have proprietary software that integrates with the mapping.
 - o Dendrow is applied with a drone. Tree by tree. Ionized particulate cloud, not droplets.
 - o Electrostatic spray nozzle puts a charge on the spray that is the opposite of the charge of the plant, atomizes the spray in micron size. The particles are attracted to the plant surface. There is very little drip or overspray.
 - o The drone can spray both vertically and horizontally
 - o They could treat the entire Ice Glen in 10 days.
 - o It will need an annual application
- They will send a proposal.
 - o They want to do a small test this Fall.
 - o They can treat until mid-October.
 - o The best time is late Spring, early Summer.
 - o Erik suggested: let them do a test w/ 25 worst trees in Ice Glen.
 - o Matt prefers to do a test of trees that are not in Ice Glen.
 - o The Select Board asked the AFC to come up with a recommendation to the SB.