

## **Growing On: Managing Healthy Urban Landscapes**

Part Three, February 10, 8:00 – 11:30 a.m.

### Topics and Presenters

**After RoundUp: Developing Alternative Weed Management Products and Strategies:** (Starts at 0:15 in recording.)

Many weed and pest management professionals are struggling to figure out how to manage weeds without use of glyphosate herbicides. Barb will cover how to put together an IPM plan that includes use of alternative strategies and herbicides that demonstrate a new, safer IPM approach to weed management.

**Barbara DeCaro, Horticulturist and Educator**

Barbara has worked for over 40 years as a horticulturist and horticultural educator. Her expertise includes integrated pest management, sustainable landscaping, and public landscape management.

**2021 Noxious Weed Update: New and Less Well-Known Noxious Weeds and Monitor Species in Washington State:** (Starts at 1:00:46 in recording.)

Learn about the 2021 changes to the Washington and King County noxious weed lists and get an update on new and lesser known noxious weeds and monitor species to watch for this year. Identification tips, habitat and control will be provided for each species to help with early detection and rapid response.

**Sasha Shaw, Communication Specialist, King County Noxious Weed Control Program**

Sasha has over 20 years of experience as a noxious weed expert and educator with the King County Noxious Weed Control Program and holds a B.S. in Botany from the University of Washington.

**Science-based Strategies to Enhance Resilience to Pests, Diseases, and Invasive Plants:** (Starts at 1:34:06 in recording.)

Wood chips have been commonly used as a mulch to suppress weed growth, but this narrow usage is based on misconceptions and little-known understandings of the function of wood in and on soil. A more strategic IPM use of wood chips in ecosystem restoration and ornamental landscapes remediates soil compaction, diversifies soil food webs, and support healthy plant growth. Research has demonstrated the ability of plants to resist or tolerate pests is tied to physical, chemical, and biological properties of soil. Diverse plant communities resist pests, diseases, and invasion from noxious weeds—resulting in reduced need for application of herbicides and other chemicals. Put wood chips to work!

**Clay Antieau M.S., Ph.C.**

Clay is a Horticulturist and Botanist offering unique abilities and perspectives in restoration, environmental education, and science communication. He has been employed with Seattle Public Utilities since 2000 and is a long-time Instructor and Advisor with the University of Washington's

Professional and Continuing Education Certificate Program in Wetland Science and Management. He is a Fellow, Past-President, and past Chapter Chair of the Washington Native Plant Society; and Past-President of the Northwest Chapter of the Society for Ecological Restoration.

## Contacts and Resources

### **After RoundUp: Developing Alternative Weed Management Products and Strategies:**

Barbara DeCaro: [bdecaro57@gmail.com](mailto:bdecaro57@gmail.com)

Resources:

- National Pesticide Information Center: <http://npic.orst.edu/>
- WSU Extension IPM: <https://ipm.wsu.edu/>
- GrowSmart Grow Safe: <https://www.growsmartgrowsafe.org/>
- Thurston County Public Health IPM Page (Patrick Soderberg): <https://www.co.thurston.wa.us/health/ehipm/index.html>
- San Francisco Department of the Environment – IPM Resources: <https://sfenvironment.org/pest-management-for-city-departments>
- SF Environment Pest Prevention by Design Guidelines: [https://sfenvironment.org/sites/default/files/fliers/files/final\\_ppbd\\_guidelines\\_12-5-12.pdf](https://sfenvironment.org/sites/default/files/fliers/files/final_ppbd_guidelines_12-5-12.pdf)
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### **2021 Noxious Weed Update: New and Less Well-Known Noxious Weeds and Monitor Species in Washington State:**

Sasha Shaw: [Sasha.shaw@kingcounty.gov](mailto:Sasha.shaw@kingcounty.gov)

Resources:

- To report noxious weeds, get the app! King County Connect: <https://www.kingcounty.gov/services/customer-service/mobile-app.aspx>
- Or contact Noxious [weeds@kingcounty.gov](mailto:weeds@kingcounty.gov), or call (206) 477-9333
- iNaturalist website and app: <https://www.inaturalist.org/>

### **Science-based Strategies to Enhance Resilience to Pests, Diseases, and Invasive Plants:**

Clay Antieau: [clayton.antieau@seattle.gov](mailto:clayton.antieau@seattle.gov), (206) 684-7413