

How to Scout a Nursery and Landscape Most Effectively – Steve Dubik and Marie Rojas

Checklist of Questions

- **Affected Plants:**
 - Type of plants (varieties) affected.
 - Age and size.
 - Are other nearby plants affected?

- **Symptoms:**
 - Plant part affected.
 - Describe pattern of symptoms on individual plants.
 - Describe pattern of damage in the field/landscape.
 - Getting worse or staying the same since first observed?

- **Environment**
 - Is the plant suited for the location?
 - Soil factors/planting site-related.
 - Describe recent weather patterns.

- **Cultural**
 - Could planting method be related?
 - Were any pesticides used in the area?
 - Describe watering, fertilization, mulching practices.

- **Other**
 - What does the grower think caused the problem?

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Scouting/Diagnostic Resources

- IPMNET: <http://extension.umd.edu/ipm> – UMD/Maryland Extension site with weekly reports of pest/disease problems scouts are seeing in the landscape.
- Penn State Woody Ornamental Insect, Mite, and Disease Management: <http://woodypestguide.cas.psu.edu/Default.htm>
- Managing Insects and Mites on Woody Plants: an IPM Approach. John A. Davidson and Michael J. Raupp, Tree Care Industry Association.
- Diseases of Trees and Shrubs. Sinclair, Lyon, and Johnson, Cornell University Press.
- Insects That Feed on Trees and Shrubs. Johnson and Lyon, Cornell University Press.
- Garden Insects of North America. Whitney Crenshaw, Princeton University Press.
- Scouting and Monitoring Pests of Deciduous Trees during Nursery Production, University of Tennessee.
<https://utextension.tennessee.edu/publications/Documents/WI142.pdf>
- IPM Pro: Available in both Apple and Android platforms.
- MAEDN: Available in both Apple and Android platforms, free.