

Ann Arbor Day 2 – November 7, 2024

8 MDARD credits in Core (Priv. & Comm.), 2, 3A, 3B, 5, 6 & 7F

No 7A or 7D credits on this day

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| 7:45 – 8:00am | Registration |
| 8:00 – 9:00am | Using Plant Growth Regulators to Benefit Turf and Turf Managers – <i>Aaron Hathaway</i> <ul style="list-style-type: none">• Relevance: 3A• Description: There are a variety of reasons to reduce the growth of home lawns. Especially in the shoulder seasons, at least in cool season turf, home-owners or LCOs can mow lawns twice per week. The turf is mowed off and mulched into the turf if we're lucky or raked up and thrown away if we are unlucky. What if we could apply a plant growth regulator (PGR) in the spring once to reduce the growth over the next month and possible mow less often or reduce the clipping removed as well as cleanup? The potential for reduced mowing events seems like reason enough to investigate this use, but PGRs can also be used to increase plant health, reduce watering inputs, and even suppress weedy grasses within a turf stand. We will discuss all of the possible uses of PGR applications in home lawns as well as other turf utilities and how they could be one more input to reduce many others. |
| 9:00– 10:00am | Spotted Lanternfly – <i>Amy Stone</i> <ul style="list-style-type: none">• Relevance: 2• Description: The biology and behavior of this non-native invasive insect will be covered, as well as management and reporting practices. |
| 10:00 – 10:15am | Break |
| 10:15 – 11:15am | The Urban Forest – John Palmer <ul style="list-style-type: none">• Relevance: 2, 3B, 6• Description: John will discuss the care and maintenance of trees in the urban environment for landscape managers. Maintaining proper tree health reduces the risk of pests and disease threats. |
| 11:15am – 12:15pm | Mosquito Biology and Behavior – <i>Maria Sorrentino</i> |

- Relevance: 7F
- Description: An interactive presentation on the biology of mosquitos in Michigan and the most effective treatment methods.

12:15 – 12:45pm Lunch

12:45 – 1:45pm Treating Invasive Plants: Terrestrial and Aquatic – *Dana Davis*

- Relevance: 5
- Description: Participants will learn to ID and treat invasives, understand the line between terrestrial and semi-aquatic plants, understand licensing requirements, and learn the differences in treating aquatic versus landscape pesticides.

1:45 – 2:45pm My Top 30 Pest Problems Over the Past 30 Years – *Dana Davis*

- Relevance: 3B, 6
- Description: This talk will include recommendations for treating trees. Participants will learn cultural and environmental issues that trees face.

2:45 – 3:00pm Break

3:00 – 4:00pm Herbicide Phytotoxicity in Landscapes and Nurseries: What's in a Name? – *Dr. Dave Roberts*

- Relevance: Private and Commercial Core, 2, 3A, 3B, 6
- Description: Herbicides represent important tools to manage unwanted plants (weeds) in Landscapes and Nurseries. Herbicides are especially efficient and efficacious in lieu of physical means. Unfortunately, mistakes do happen. And when herbicide mistakes happen, they often present HUGE problems for our industry. Mistakes may occur from supplier advice, our failure to thoroughly read and understand herbicide labels, notoriously confusing labels, uncontrollable variables such as weather, and misapplication, among other contributors. Manufacturers of herbicides sometimes market different active ingredients under the same brand name, leading to misunderstandings by professional applicators and lay people alike. This program will disclose some of The Plant Doctor's experiences with herbicide toxicity to plants over the past year or so.

4:00 – 5:00pm

The Tree Doctor's Diary: Recent Experiences from the Field – *Dr. Dave Roberts*

- Relevance Private and Commercial Core, 2, 3A, 3B, 6
- Description: In his role as Michigan's Plant Doctor, aka "The Tree Doctor", Dr. Dave is called upon every year by Nurserypersons, Arborists, Landscapers, Suppliers and the Public to solve perplexing plant problems in the landscape and nursery. These plant problems range from pests to diseases and from environmental issues to dilemmas from cultural inputs. In this interesting session, a variety of problem-solving scenarios will be presented in his interesting story-telling style that will not likely lull you to sleep. This is a must-attend program for those who want to learn some of the tips for "forensic analyses" in field diagnostics and problem solving for effective management of perplexing plant problems.