

# Pesticide Treatment Workshop: Protecting Hemlock Trees from Hemlock Woolly Adelgid (HWA) and Elongate Hemlock Scale (EHS)

November 14, 2019  
Holden Arboretum  
9550 Sperry Rd. Kirtland, OH 44094

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| 9:00-9:30 am      | <b>Registration</b>   |
| 9:30-10:00 am     | <b>Introduction and HWA &amp; EHS Biology &amp; History</b> – Tom Macy, ODNR Division of Forestry   |
| 10:00-11:00 am    | <b>Core: Applying Insecticides Safely</b> – Stephanie Downs, ODNR Division of Forestry, David Apsley, OSU Extension, & Jeff Johnson, ODNR Division of Natural Areas & Preserves   |
| 11:00-11:15 am    | Break   |
| 11:15-11:45 am    | <b>Ornamental Pest: Elongate Hemlock Scale Management</b> – Tom Koritansky, Lake County Metro Parks   |
| 11:45 am-12:30 pm | Lunch   |
| 12:30-1:00 pm     | Travel to Field Site  |
| 1:00-3:30 pm      | <b>Forest Pest: Hemlock Pest Survey and Treatment Methods</b> – Rotating outdoor stations (45 min. each): <ul style="list-style-type: none"><li>• <b>Pesticide Application: Soil Drench, Soil Tablets, Bark Spray</b> – Tom Macy and Mikayla Heydt, ODNR Division of Forestry, Tom Koritansky, Lake County Metro Parks</li><li>• <b>Pesticide Application: Trunk Injection</b> – Stephanie Downs and Katie Reiderman, ODNR Division of Forestry</li><li>• <b>Hemlock Pest Survey and Inventory</b> – David Apsley, OSU Extension, Martin McAllister, The Nature Conservancy, Jeff Johnson and Levi Miller, ODNR Division of Natural Areas &amp; Preserves</li></ul> |
| 3:30-4:00 pm      | <b>Travel Back to Holden, Wrap-up &amp; Evaluation</b>  |