



Professional Fertilizer & Pesticide Applicator Re-Certification Class

Tuesday, December 14, 2021 - Jarrettsville Gardens, 3825 Federal Hill Rd, Jarrettsville, MD 21084

7:45-8:15 Registration & Welcome - Henry Holloway, The Mill

8:15 -8:45 MD Nutrient Management Updates – John Vinson Class A Superintendent, Mill Turf Agronomist.

8:45-9:15 Turf Nutrient Overview - David Boniface, CCA Certified Crop Agronomist, Understanding Soil Test Results, Application Rates & High Efficiency Fertilizer, Equipment Calibration.

9:15-10:00 Proper pH and Conditioning of the Soil – Murray Wingate, Solucal USA, Soil pH and Nutrient Utilization, Effects of Lime Processing on pH levels, Products to Improve Plant Health and Affect Rapid In-Season pH Change to Increase Nutrient Efficiency.

10:00-10:15 Break

10:15-11:00 Sustainable Practices – Ben Hushon, Agronomy Manager, CCA Certified Crop Agronomist, The Mill.
An Intro to 4R Principles and IPM, Current Supply Chain and Market Conditions with Fertilizer and Pesticides.

11:00-11:30 Chemical Safety – Andrew Kness, Harford County Cooperative Extension
Safe Handling and Storage of Turf and Ornamental Chemical Products

11:30-12:00 Fall Armyworm Update- Rob McCoy National Manager Holganix, Penn State
The Pest, The Problem, and Best Control Practices Once Identified.

12:00-12:30 Lunch

12:30-1:00 Pesticide Updates – Kelly Love, MDA / Andrew Kness

1:00-1:30 Using New Technologies with Fertilizer and Pesticides– Rob McCoy National Manager Holganix, Penn State.
Increased Sustainability Utilizing Low-Rate Pesticides and Microbials for Reducing Nutrient and Chemical Loss to the Environment.

1:30-2:30 Turf Weed Identification and Control Post-Emergent- Brian Hoff, Turf Specialist, WinField United/ Rob Brown, Manager, Lebanon Turf
Pre and Post Emergent Control Products for Annual and Perennial Weeds in Turf and Landscape.

2:30-3:15 Turf Diseases– David Boniface, The Mill / John Vinson, The Mill
Identifying & Managing Diseases, Best Management Practices to Prevent and Mitigate Major Turf Diseases.

3:15-3:45 Glyphosate Update and Alternatives – Howard Vlieger, Contact Organics
New Alternatives to Glyphosate in the Landscape for Those Who Are Pesticide Sensitive.

3:45-4:00 Wrap-up