



Turf Education Day (TED)

Turf Education Day – Friday, September 9, 2016

Joseph Regenstein, Jr. School at the Chicago Botanic Garden

1000 Lake Cook Road, Glencoe, IL 60022

8:00am-3:00pm

Keynote Speakers

- **What's New in Turf Weed Control, Nick Christians, Iowa State University**
 - This presentation will cover current problem weeds in turf in the Chicago area and what is available to control them.
- **Healthy Turf in An Unhealthy Environment, George Murray, EnP Investments LLC**
 - A brief exposé on the challenges professionals face to keep turf healthy in today's environment, promptly followed by a rousing call to action packaged with technological suggestions that will help overcome some of those challenges. Mixed with education, cynicism, and humor, the presentation is designed to be intellectually stimulating and emotionally satisfying.
- **How About the Micronutrients, Nick Christians, Iowa State University**
 - When are micronutrients needed in a turf fertility program? What is current research telling us?

Breakout Sessions:

- **What's Bugging You, Kerry Anderson, NuFarm America**
 - Insects today and the trends that are being seen in our landscapes and lawns. We will discuss the bigger issues along with current control methods for some of the critters in our environment.
- **How to Play the Game of Duck, Duck ...NO GOOSE!, Andy Murray, Wild Goose Chase**
 - Covering Canada geese behavior, how they affect the landscaping, and methods for controlling issues.
- **Turf Management Challenges of the Rolling Mounds on the New Regenstein Learning Campus, Tom Fritz, Chicago Botanic Garden**
 - Take a short tram ride to the new Regenstein Learning Campus where we will talk about the many challenges of maintaining the rolling hills and mounds of this new edition to the Chicago Botanic Garden. We will cover mowing challenges, fertilizing challenges, how the mounds are constructed, and watering challenges. You can also bring out your inner child and try to run up and down the mounds and explore the new campus and water feature.

- **Calibrating Sprayers the Easy Way, Dr. Aaron Patton, Purdue University**
 - Math is intimidating to most people. However, calibrating is an important practice that is often overlooked or infrequently practiced by many turf managers because of their fear of math. Calibration is necessary to ensure that you apply products correctly the first time. This saves you time and money and leads to better turf. This presentation covers how to calibrate things the easy way. The basic principles of calibrating various types of sprayers. Spreaders won't be covered, but participants will receive a color publication that explains how to calibrate rotary spreaders.
- **Water Quality Effects on Pesticide Performance, Dr. Aaron Patton, Purdue University**
 - Turf managers routinely use water to mix and apply pesticides to care for their turf, but rarely do we consider pH, hardness, alkalinity and other qualities of water that can affect pesticide efficacy. Do pesticides remain intact in your tank longer than 30 minutes after mixing? Can hard water reduce your herbicide efficacy? Learn the answers to these questions and more about what happens within the tank and what the latest research says about enhancing pesticide activity through adjuvant use.
- **Maintaining Sports Turf, Andy Yeaman, Adlai Stevenson High School**
 - Topics to include: regular maintenance, cheap but effective renovations, and where to start with a renovation if you've never done one.
- **The Science & Management of Drought Management: Understanding the Differences, Keith Lewis, Ecogel Solutions, LLC**
 - While drought and watering restrictions have not been a prevalent issue in 2016, water conservation has still been a hot button topic globally. A considerable portion of the U.S. has been hammered with drought while fresh water sources dwindle every day. In time Lawncare professionals, turf managers, horticulturists and everyone else in the green industry will be forced to do their jobs with less while conserving fresh water resources. It is those challenges that we will discuss and how to get out in front of them. We will discuss how drought, along with other stress factors lead to plant decline. We will also cover the state of water availability and the cost associated with maintaining healthy landscapes. Following that will be a discussion over cultural controls and techniques to help turf and ornamentals survive periods of stress. Lastly, we will look at water conservation technologies, how they are used, performance and the best way to incorporate them into a successful turf care plan.
- **What do applicators need to know? – Rules, Regulations & Inside Facts, John Teefey, Illinois Department of Agriculture**
 - Do all of these law and regulations do anyone any good? This presentation will help you familiarize yourself with the regulatory landscape of Illinois.
- **What's the Big Deal About Installing Sod Staples, Mark Thomaschefskey, Staple Ease, Inc.**
 - Tired of putting in staples by hand and on your knees? There is a solution to increase production, reduce employee fatigue, and make you more money. Mark has been a landscape contractor for 30 years and was tired of putting in staples by hand and thought there had to be an easier and faster way. He invented Staple Ease™ to help his fellow landscape contractors to install staples right™.
- **Granular Organics – Origins and Applications, Jeff Leuzinger, Healthy Grow**
 - This session will discuss the different types of granular organic fertilizers, sort out the differences and how they affect application and soil health.

- **What's With the Seed?, Mark Grundman, Jacklin Seed**

- Have you had problems with your grasses this year or in past years? Have you had problems procuring the right seed for that same situation? Just when we think we have all the answers, your turf looks good and guess what it all falls apart. An in-depth look at turf, replacement, and how to save money now and in the future.