

Conference Registration

Registration and fee is due by February 5, 2010

Gateway Green Industry Conference

(Formerly Southern Illinois Grounds Maintenance School & Trade Show)

February 16 & 17, 2010

Name _____ Firm/Organization _____

Telephone (Day) _____ FAX number _____ E-mail _____

(A registration confirmation will be sent to all persons providing an e-mail address)

Business Address _____ City _____ State _____ Zip _____

_____ High School Students must register

_____ College student

Full-time College Students must include a photocopy of currently dated, student I.D. card and copy of full-time schedule with registration.

_____ U of I Extension Master Gardener

Illinois Certified Master Gardeners must include copy of current I.D. card or letter of active status from County Director.

Breakout Session Preferences (please check) You may choose classes from any track
(Continuing Education Credit Information on back)

Concurrent Session I – Tuesday, February 16

- | | |
|---|-------------------------|
| <input type="checkbox"/> a. The Artistic Morphology of Trees | 11:00 A.M. – 12:00 P.M. |
| <input type="checkbox"/> b. Benchmark Landscape Perennials & New Selections to Fill the Voids | 11:15 A.M. – 12:15 P.M. |
| <input type="checkbox"/> c. Control and Identification of Invasive Plant Species | 11:30 A.M. – 12:30 P.M. |
| <input type="checkbox"/> d. Living on the Edge: Avoiding Greens Collar Problems | |

Concurrent Session II – Tuesday, February 16

- | | |
|--|------------------------------|
| <input type="checkbox"/> e. Thoughts to Improve Your Odds for Successful Tree Planting | 1:30 – 2:30 P.M. all classes |
| <input type="checkbox"/> f. Low Maintenance Perennial Gardens for the St. Louis Area | |
| <input type="checkbox"/> g. The Next Generation of Green Marketing | |
| <input type="checkbox"/> h. Golf Turf Disease Update | |

Concurrent Session III – Tuesday, February 16

- | | |
|--|------------------------------|
| <input type="checkbox"/> i. Diagnosing & Controlling Major Diseases of Oaks and Maples | 3:00 - 4:00 P.M. all classes |
| <input type="checkbox"/> j. Protect Your Landscape from Invasive Ornamental Grasses | |
| <input type="checkbox"/> k. Management of Soil Moisture in the Landscape | |
| <input type="checkbox"/> l. Foliar Fertilization of High-Maintenance Turfgrasses | |

Concurrent Session IV – Wednesday, February 17

- | | |
|--|-------------------------|
| <input type="checkbox"/> a. The INNER Sanctum: Creating a Place of Refuge and Relaxation in the Garden | 11:00 A.M. – 12:00 P.M. |
| <input type="checkbox"/> b. Establishing Grass on Intensely Trafficked Athletic Fields | 11:15 A.M. – 12:15 P.M. |
| <input type="checkbox"/> c. Biodegradable and Compostable Pots: Greenhouse & Landscape Performance | 11:30 A.M. – 12:30 P.M. |
| <input type="checkbox"/> d. Rose Family Plant Diseases | |

Concurrent Session V – Wednesday, February 17

- | | |
|--|------------------------------|
| <input type="checkbox"/> e. Shade & Ornamental Trees for Midwestern Landscapes | 1:30 – 2:30 P.M. all classes |
| <input type="checkbox"/> f. Maintenance Strategies to Fit Your Specific Athletic Field Situation | |
| <input type="checkbox"/> g. Insurance for the Green Industry | |
| <input type="checkbox"/> h. Wet Weather Pest of Turf Areas: Crayfish, Millipedes, Slugs, Earthworms, Earwigs | |

Concurrent Session VI – Wednesday, February 17

- | | |
|--|------------------------------|
| <input type="checkbox"/> i. Structural Soils for Use in Urban Tree Planting | 2:45 - 3:45 P.M. all classes |
| <input type="checkbox"/> j. Why Pest Exist - Do Best Management Practices Contradict Sports Turf Management Practices? | |
| <input type="checkbox"/> k. Eco-Friendly Containers for Horticulture | |
| <input type="checkbox"/> l. Managing Time and Your Bottom Line | |

CONTINUING EDUCATION CREDIT

CEU'S HAVE BEEN APPLIED FOR THROUGH THE FOLLOWING PROFESSIONAL ASSOCIATIONS

1. Certified Golf Course Superintendent
2. Illinois Green Industry Association
3. International Society of Arboriculture
4. Illinois Landscape Contractors Association
5. Illinois Park & Recreation Association

General Admission

Advance registration fee includes lunch, breaks, proceedings, trade show and education program.

One Day — \$75
Two Days — \$95

Certified Master Gardeners and current

full-time college and high school students: One day \$30
Two days \$45
(with a focus on horticulture)

*Full-time College Students must include a photocopy of currently dated, student I.D. card with registration. College students must show current full-time schedule.

Certified Master Gardeners must include copy of current I.D. card or letter of active status from County Director.

Registration due by February 5, 2010.
Registration is not complete without payment.

On-line registration available at:
www.extension.uiuc.edu/madisonstclair

Walk in registration (and registrations received after 2/5/09)

(Includes students & Certified Master Gardeners)

One day — \$105
Two days — \$125

(Walk-in registration rates **DO NOT** include lunch and may not include proceedings.)

The trade show will be open from 8:30 A.M. - 4:30 P.M. on Tuesday, February 16, and 8:30 A.M. - 1:30 P.M. on Wednesday, February 17.

Visitors may attend the trade show only at no charge. You must register at registration desk before entering.

Questions:

University of Illinois Extension
Madison-St. Clair Extension Unit
P.O. Box 427, 900 Hillsboro Ave.
Edwardsville, IL 62025
(618) 650-7050
e-mail: madison_co@extension.uiuc.edu

Registration questions may be directed to: 618-650-7050, or e-mail: madison_co@extension.uiuc.edu

To register by check send registration form and **check payable to: *University of Illinois Extension***
to:

University of Illinois Extension
Madison-St. Clair Unit
P.O. Box 427, 900 Hillsboro Ave.
Edwardsville, IL 62025

To register by credit or debit card: www.extension.uiuc.edu/madisonstclair or send completed registration forms for each person with the following information (can send multiple registration forms to charge to one credit card):

Name on Card _____ Card Type: Mastercard Visa
 Discover American Express

Billing Address _____ City _____ State _____ ZipCode _____

Card # _____ Date of Expiration _____

3 digit card verification number on back of card: _____

E-mail: _____ (for credit card charge receipt)



2010 Gateway Green Industry Conference

Session Descriptions
Tuesday, February 16th

KEYNOTE: The Newest in Color

Dr Armitage will talk about some of the great plants for color in the landscape. The Newest of the New, the Toughest of the Tough and the Brightest of the Bright in both annuals and perennials. Based on his experiences in the Trial Gardens at UGA, his travels around the country and his insights into the trends in the industry, people will be educated and entertained.

a. The Artistic Morphology of Trees

Find the inspiration of seeing trees with a broad new perspective -- learn how to use the artistic features of your existing trees more effectively in the landscape, and how to plan for new trees. Topics include the subtleties of seasons, lighting, fragrance, wildlife interactions, and view-shed management as related to tree placement.

b. Benchmark Landscape Perennials and New Selections to Fill the Voids

Each year a plethora of new perennial varieties are introduced into the United States marketplace. How many of these new varieties are REALLY needed for the Midwest landscape? How do we decide if a variety really fits a void or is it simply a duplication or actually inferior to "benchmark" varieties already available to the Midwest landscape professional? What voids really do exist in our perennial pallet needs? Audience participation will be encouraged! Examples of benchmark perennial and useful new perennial selections will be presented. A detailed plant list will be shared with attendees.

c. Control and Identification of Invasive Plant Species

Throughout North America, invasive plants are destroying native ecosystems and landscapes as they out-compete native plants for light, nutrients and moisture. Most of these invaders purposely were brought here from other parts of the world while others came along by accident. Unregulated, they spread rapidly and wreak havoc on biodiversity as they overtake landscapes that once provided shelter and food for native wildlife. This presentation will help you identify and control the worst offenders in the St. Louis region: bush honeysuckle, wintercreeper, autumn olive, sweet clover, Japanese honeysuckle, purple loosestrife, garlic mustard, sericea lespedeza, Japanese hops, and Johnsongrass.

d. Living on the Edge: Avoiding Greens Collar Problems

Learn the latest techniques and controls to keep your greens in the best shape ever.

e. Thoughts to Improve Your Odds for Successful Planting

A presentation on emphasizing researching Plant Selection Options, studying your planting area micro-environment and always upgrading your planting standards. Also discussions on selecting your plant source based on professionalism, handling techniques, harvesting procedures and much more for improved health of transplanted material.

f. Low Maintenance Perennial Gardens for the St. Louis Area

Although our lives are busy, we still can have a beautiful perennial garden. Selection of minimal care plants will be discussed with the hope of achieving that goal.

g. The Next Generation of Green Marketing

Learn how a "greener" marketing strategy can produce great results, at little to no cost to you. Find out how the 3 C's (Culture, Community & Connections) can solidify your branding efforts and increase the overall value of your business.

h. Golf Turf Disease Update

Discussion of the latest turf disease information and controls.

i. Diagnosing and Controlling Major Diseases of Oaks and Maples

Oaks and maples are popular landscape trees. Learn why we saw so many oaks losing leaves in 2009 and what you can do to help protect your trees in the future. Find out more about bacterial leaf scorch, which can affect both oaks and maples. The speaker will discuss well known and less understood diseases of oaks and maples.

j. Protect Your Landscape from Invasive Ornamental Grasses

While often a great addition to commercial and home landscapes, ornamental grasses should be chosen with care before planting. Commonly grown *Miscanthus* spp., *Pennisetum* spp., *Phalaris* spp., and *Saccharum* spp. can move from desired planting locations and end up invading natural and managed areas. This presentation will provide general information about invasive ornamental grasses and end with a discussion of a study conducted at the University of Illinois and Purdue University in which chemical controls were evaluated in an attempt to selectively control *Pennisetum alopecuroides* that had invaded and persisted in mowed turf.

k. Management of Soil Moisture in the Landscape

The #1 cause of death of landscape plants in the Midwest is inappropriate irrigation during the first few months after planting. This session will discuss water use by trees, shrubs and perennials and approaches to reducing stress by minimizing moisture extremes in difficult landscape soils.

l. Foliar Fertilization of High-Maintenance Turfgrasses

Foliar feeding of high-quality turfgrasses is a common practice to obtain maximum turf performance. How does foliar feeding work, what are the advantages and disadvantages of the fertilization technique, and should foliar feeding be a part of your turf management program?



2010 Gateway Green Industry Conference

Session Descriptions
Wednesday, February 17th

KEYNOTE: These Landscape Problems Can (Should) be Prevented

In this session, participants will sharpen their diagnostic skills by learning how to identify various biotic and abiotic stressors that cause problems for woody landscape plants. Problem prevention through wise plant material choices will be emphasized.

a. The Inner Sanctum- Creating a Place of Refuge and Relaxation in your Garden

Creating serene outdoor spaces that give your garden the potential to reach a higher dimension that is not just visually pleasing but also appealing to all your senses. This presentation provides a fusion of creative design strategies, with selective natural elements, to help design sanctuaries that take us away from the chaos and clutter of the outside world to put us into our Inner Sanctum.

b. Establishing Grass on Intensely Trafficked Athletic Fields

Reestablishment into heavily worn areas of athletic fields will be the focus of this presentation. Practical research results will show the benefits of higher than normal seeding rates and nitrogen application to deal with intense traffic. Warm and cool season grass solutions will be presented. A traffic scenario showing the benefit of surface biomass will be presented.

c. Biodegradable and Compostable Pots: Greenhouse and Landscape Performance

Recent emphasis on sustainable production methods for greenhouse and nursery crops have resulted in a diversity of plant containers being marketed as "Green". Biodegradable and compostable pots are readily available to growers and consumers, but the performance of these pots in greenhouse and landscape settings is debatable. University of Illinois research compared the degradation of selected non-plastic pots in greenhouse and landscape settings. Pot performance varied with some pots having significant degradation during production. This presentation will discuss the information obtained and how it can be applied in commercial settings.

d. Rose Family Plant Diseases

Jim Schuster will cover several diseases that occur on plants in the rose family. He will provide non-pesticide control choices when possible.

e. Shade and Ornamental Trees for Midwestern Landscapes

With the emerald ash borer in our midst, and other insect and disease pests waiting in the wings, it is more important than ever that we make informed plant material choices. Attend this session and learn about some of the best large and not-so-large trees for residential and commercial landscapes.

f. Maintenance Strategies to Fit Your Specific Athletic Field Situation

Many general turf management practices just don't fit for athletic fields that receive intense traffic and seasonal activities. The basic principles of turf management, mowing, irrigation, fertility, over-seeding, cultivation, and topdressing will be discussed for specific athletic field scenarios, i.e. base-ball grass infields and football and soccer game and practice fields.

g. Insurance for the Green Industry

An overview of the insurance needs of Green Industry Companies. Topics to be addressed include workers compensation, liability insurance (including coverage for applying pesticides and herbicides) and bonding requirements when competing for bid work.

h. Wet Weather Pest of Turf Areas: Crayfish, Millipedes, Slugs, Earthworms, Earwigs

Insects and insect relatives associated with high moisture areas of turf will be addressed including mole crickets, crane flies, crayfish, fungus gnats, millipedes, slugs, earthworms, and earwigs. These insects have been more numerous with two successive wet springs, as well as causing problems along golf water hazards, ornamental planting beds, and in low-lying, poorly-drained areas.

i. Structural Soils for Use in Urban Tree Planting

Discussion of soil mixtures to use in urban situations that will support tree growth and urban hardscapes such as streets, patios and sidewalks.

j. Why Pests Exist: Do Best Management Practices Contradict Sports Turf Management Practices?

The most common question asked after identifying a turfgrass pest is "What do I buy to kill it or get rid of it?" This session will focus on the question "Why are they (pest) there?" And finally, relate these pest problems to improper cultural practices and how these cultural practices may work against us in sports turf management.

k. Eco-Friendly Containers for Horticulture

There are a growing number of options in bio-packaging for horticulture, the original green industry. Learn about what is currently available and how bio-packaging is giving growers and consumers green choices.

l. Managing Time and Your Bottom Line

With so many demands, finite number of hours in a day, and limited dollars, time and money management become a necessity. Re-evaluate how you balance your time between business and a normal personal life to gain the most optimum results.