



**Tuesday Keynote Speaker
Rick Darke**



**Tuesday & Wednesday
February
22 & 23, 2011**

**Wednesday Keynote Speaker
Roch Gaussoin**



Presented by



**UNIVERSITY OF ILLINOIS
EXTENSION**

Partnerships:

American Society of Landscape Architects - St. Louis
Hort. Co-Op of Metro St. Louis
Illinois Arborist Association
Illinois Park & Recreation Association
Illinois Professional Lawn Care Assoc.
Southern IL Golf Superintendents Assoc.
Southern IL Grounds Maintenance Assoc.



8:00 - 9:00 A.M. Registration Trade Show Open 8:30 A.M. to 4:30 P.M.

9:00 - 10:30 A.M. Keynote
The New Wild Garden: Dynamic, Livable, Ecological
Rick Darke, President, Rick Darke, LLC

10:30 - 11:00 A.M. Break Visit the Trade Show

 ARBORIST	 PERENNIALS/ANNUALS	 PARKS & RECREATION	 SPORTS TURF
11:00 A.M. - 12:00 P.M.	11:15 A.M. - 12:15 P.M.	11:30 A.M. - 12:30 P.M.	11:30 A.M. - 12:30 P.M.
A. Japanese Beetles, Bagworms, Oak Galls and Other Tree & Shrub Insect Pests Phil Nixon , Entomologist, University of Illinois	B. Creative Container Gardening: So Many Plants to Choose From June Hutson , Missouri Botanical Gardens, St. Louis, MO	C. Woodland Garden Design: Working With Layers Rick Darke , President, Rick Darke, LLC	D. Establishing Turfgrass: Tips for Success Aaron Patton , Extension Turf Specialist, Purdue University

Lunch Break Please utilize your assigned lunch time to reduce lines.

1:30 - 2:30 P.M.	1:30 - 2:30 P.M.	1:30 - 2:30 P.M.	1:30 - 2:30 P.M.
E. Diseases of Woody Plants in 2010 Jim Schuster , Extension Specialist, Pesticides, Safety Education, Plant Pathology, University of Illinois	F. Using Flowers to Create Curb Appeal Jim Schmidt , Extension Specialist, Horticulture, University of Illinois	G. Mole Biology and Management Phil Nixon , Entomologist, University of Illinois	H. Identifying Tough to Control Weeds Aaron Patton , Extension Turf Specialist, Purdue University

2:30 - 3:00 P.M. Break Visit the Trade Show

3:00 - 4:00 P.M.	3:00 - 4:00 P.M.	3:00 - 4:00 P.M.	3:00 - 4:00 P.M.
I. Remedy or Remove? Concern for Safety and Longevity of Special Trees Bill Spradley , Trees, Forests & Landscapes, Kirkwood, MO	J. Edible Landscaping Alan Branhagen , Powell Gardens, Kingsville, MO	K. Alternative Growing Medium Ingredients for Nursery Production Chris Starbuck , Woody Plant Specialist, University of Missouri	L. Making Little League Fields Look Like the Big Leagues Brad Fresenburg , Turf Research & Extension, University of Missouri

Class descriptions follow.

8:00 - 9:00 A.M. Registration

Trade Show Open 8:30 A.M. to 1:30 P.M.

9:00 - 10:30 A.M. Keynote

Turfgrass Management: What We Can Learn From International Colleagues

Roch Gaussoin, Extension Turf Specialist, University of Nebraska

10:30 - 11:00 A.M. Break

Visit the Trade Show

LANDSCAPING 	GOLF 	MISCELLANEOUS	RETAIL MERCHANDIZING & MARKETING
11:00 A.M. - 12:00 P.M.	11:15 A.M. - 12:15 P.M.	11:30 A.M. - 12:30 P.M.	11:30 A.M. - 12:30 P.M.
A. Rain Gardens - <i>Creating Beautiful and Sustainable Landscapes with Water Quality in Mind</i>	B. If Organic is so Good: Why Am I Tearing Up My Greens to Get Rid of It?	C. Let Herbs Spice Up Your Life	D. America in Bloom: Community Engagement & Green Industry Opportunities
Kaizad Irani , Horticulture & Landscape Design, Parkland College	Roch Gaussoin , Extension Turf Specialist, University of Nebraska	Chuck Voigt , Extension Vegetable Specialist, University of Illinois	Bill Ruppert , National Nursery Products, St. Louis, MO

Lunch Break Please utilize your assigned lunch time to reduce lines. Last chance to visit the trade show.

1:30 - 2:30 P.M.	1:30 - 2:30 P.M.	1:30 - 2:30 P.M.	1:30 - 2:30 P.M.
E. Native Landscaping for Wildlife & People	F. An Update from USGA Green Section	G. Plant Selection for Deer & Rabbit Prone Landscapes: Experiences & Perspectives from a Panel of Landscape Professionals	H. What is New and Recently Introduced for the Garden Center
Dave Tylka , Meramac College - Retired	Ty McClellan , Agron., Green Section, Mid-Continent Region	Bill Ruppert , National Nursery Products, St. Louis, MO	Jim Nau , Ball Seed Company West Chicago, IL

2:30 - 2:45 P.M. Break

2:45 - 3:45 P.M.	2:45 - 3:45 P.M.	2:45 - 3:45 P.M.	2:45 - 3:45 P.M.
I. Tree Pruning	J. Controlling Poa Annu in Cool-Season Golf & Athletic Turf	K. In Support of Vegetables	L. Grow a Greener Market
Dave Williams , Woody Plant Specialist, University of Illinois	Bruce Branham , Turf Specialist, University of Illinois	Elizabeth Wahle , Extension Specialist, Horticulture, University of Illinois Extension	Norma Turok , Business Management Educator, University of Illinois Extension - Retired

Class descriptions follow.

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

Conference Hotel

Drury Inn, I55-70 & IL 157 618-345-7700

\$70 Single - (Includes free hot breakfast, evening snacks & beverages, free internet access and free long distance) Group rate effective until February 11, 2011.

When registering indicate Gateway Green Industry Conference

<http://www.druryhotels.com/Reservations.aspx?groupno=2099288>

Group No. 2099288 618-345-7700

**A SIGMA-sponsored silent auction will take place
during the Gateway Green Industry Conference**

University of Illinois offers equal opportunities in programs and employment.

**If you need a reasonable accommodation to attend this event or dietary
substitutions please contact 618-650-7050 prior to 2/11/11.**

Conference Registration

Registration and fee is due by February 11, 2011

Gateway Green Industry Conference

February 22 & 23, 2011

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

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 22

- ___ a. Japanese Beetles, Bagworms, Oak Galls & Other Tree & Shrub Insect Pests 11:00 A.M. – 12:00 P.M.
- ___ b. Creative Container Gardening: So Many Plants to Choose From 11:15 A.M. – 12:15 P.M.
- ___ c. Woodland Garden Design: Working with Layers 11:30 A.M. – 12:30 P.M.
- ___ d. Establishing Turfgrass: Tips for Success

Concurrent Session II – Tuesday, February 22

- ___ e. Diseases of Woody Plants in 2010 1:30 – 2:30 P.M. all classes
- ___ f. Using Flowers to Create Curb Appeal in Public Places
- ___ g. Mole Biology and Management
- ___ h. Identifying Tough to Control Weeds

Concurrent Session III – Tuesday, February 22

- ___ i. Remedy or Remove? Concern for Safety and Longevity of Special Trees 3:00 - 4:00 P.M. all classes
- ___ j. Edible Landscaping
- ___ k. Alternative Growing Medium Ingredients for Nursery Production
- ___ l. Making Little League Fields Look Like the Big Leagues

Concurrent Session IV – Wednesday, February 23

- ___ a. Rain Gardens: Creating Beautiful & Sustainable Landscapes with Water Quality in Mind 11:00 A.M. – 12:00 P.M.
- ___ b. If Organic is So Good Why am I Tearing Up My Greens to Get Rid of It? 11:15 A.M. – 12:15 P.M.
- ___ c. Let Herbs Spice Up Your Life 11:30 A.M. – 12:30 P.M.
- ___ d. America in Bloom: Community Engagement & Green Industry Opportunities

Concurrent Session V – Wednesday, February 23

- ___ e. Native Landscaping for Wildlife & People 1:30 – 2:30 P.M. all classes
- ___ f. An Update from USGA Green Section
- ___ g. Plant Selection For Deer & Rabbit Prone Landscapes: Experiences & Perspectives from a Panel of Landscape Professionals
- ___ h. What is New and Recently Introduced for the Garden Center

Concurrent Session VI – Wednesday, February 23

- ___ i. Tree Pruning 2:45 - 3:45 P.M. all classes
- ___ j. Controlling Poa Annua in Cool-Season Golf and Athletic Turf
- ___ k. In Support of Vegetables
- ___ l. Grow a Greener Market

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 — \$80
Two Days — \$100

Certified Master Gardeners and current

full-time college and high school students: One day \$35
Two days \$50
(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 11, 2011.
Registration is not complete without payment.

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

Walk in registration (and registrations received after 2/11/11) (Includes students & Certified Master Gardeners)

One day — \$110
Two days — \$130

(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 22, and
8:30 A.M. - 1:30 P.M. on Wednesday, February 23.

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

Fax: 618-655-9951 (Forms may be faxed for credit card registrations)

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)

2011 Gateway Green Industry Conference

Class Descriptions
Tuesday, February 22

KEYNOTE: The New Wild Garden: Dynamic, Livable, Ecological - Rick Darke

In his 1870 classic *The Wild Garden*, William Robinson called upon gardeners to bring a bit of real wildness into their designed landscapes. Rick Darke will take a fresh look at the wild garden concept and will illustrate why it is the most enjoyable, sensible approach for livable, ecologically sustainable modern landscapes.

A. Japanese Beetles, Bagworms, Oak Galls and Other Tree & Shrub Insect Pests - Phil Nixon

Japanese beetles, bagworms, horned and gouty oak galls, mimosa webworm, periodical cicada, pyemotes mite, and other tree and shrub insect pests that are numerous during the summer of 2010 or expected to be numerous in 2011 will be addressed. Included will be information on identification, biology, damage and management of these pests.

B. Creative Container Gardening: So Many Plants to Choose From - June Hutson

The plant world is now teaming with plants that love our regional growing climate. They can make wonderful combinations or stunning lone components in containers. The goal of this presentation will be to inspire you with combinations that perk your inspiration and own creativity. The discussion will include cultural tips and soil suggestions as well.

C. Woodland Garden Design: Working with Layers - Rick Darke

The most satisfying and maintainable woodland gardens imaginatively integrate all the layers in the landscape from ground plane to high canopy. Rick Darke will discuss creative ways of working with layers in woodland gardens.

D. Establishing Turfgrass: Tips for Success - Aaron Patton

Proper turfgrass establishment is critical to the long-term health of a turf. You only get one chance to do it correctly. This presentation will cover the basics of turfgrass establishment including site preparation, species selection, planting procedures, erosion control products, and grow-in after planting.

E. Diseases of Woody Plants in 2010 - Jim Schuster

Jim will review the more common horticulture plant diseases that were found in 2010. These diseases will include infectious and non-infectious diseases.

F. Using Flowers to Create Curb Appeal in Public Places - Jim Schmidt

One way to create instant appeal to a property is to landscape with flowers. Choosing those that work well together in combination as well as taking into account seasonal changes, foliage, and textural interests can be the difference between ho-hum and eye-catching. This session will focus on strategic places to use flowers for added impact and offer a palette of proven performers.

G. Mole Biology and Management - Phil Nixon

Eastern moles cause considerable damage to turfgrass areas. Understanding their life cycle, feeding behavior, wintering habits, reproductive habits, and where they prefer to live aids in managing them. Various control options will be discussed, including baits, traps, and repellents. Several folk remedies that are unlikely to work will also be addressed.

H. Identifying Tough to Control Weeds - Aaron Patton

Promoting a healthy, dense turf will help reduce weeds in turf. However, certain weeds can still be problematic in turf even when fertilization, mowing, and irrigation is done properly. This presentation will 1) discuss some difficult to control weeds, 2) provide keys to their identification, and 3) provide suggestions towards their control.

I. Remedy or Remove? Concern for Safety and Longevity of Special Trees - Bill Spradley

Most of us that attend educational programs such as this are trying to learn more to preserve and enhance plants. So it is important for us to learn physiology and management options since we like plants to thrive. But many times we are faced with difficult challenges such as "is this plant healthy and safe enough to continue management strategies?" There will be some fundamental points brought up on thoughts of Hazard Tree Evaluation but also great open discussion on future concerns and options for safe preservation.

J. Edible Landscaping - Alan Branhagen

The popularity of edible plants in gardens and their sales by mail-order and at garden centers has skyrocketed. Learn which edible plants from shade to small trees to groundcovers and annuals make a beautiful addition to a garden. The program will be based on experience from Powell Gardens' Heartland Harvest Garden which is America's largest edible landscape displaying over 3,000 varieties of edible plants.

K. Alternative Growing Medium Ingredients for Nursery Production - Chris Starbuck

The large volume of growing medium required to produce container grown nursery crops makes it necessary to use fairly low cost materials to formulate the substrate. Traditionally, growers have used byproducts from other industries such as pine bark, composted hardwood bark and rice hulls as major components. While these materials have proven very effective, limited supply, high price and freight costs have caused some growers to look for alternatives. In this session, Dr. Starbuck will explain the characteristics of a good container growing substrate and some of the materials, such as ground pine wood, that are being used or experimented with as alternatives to the conventional components.

L. Making Little League Fields Look Like the Big Leagues - Brad Fresenburg

Many young athletes dream of playing in the big leagues, but very few ever achieve that dream. Providing a field that looks and plays well makes the experience of little league so much more fun. Learn the simple things that can give a big league look on a minimal budget.

2011 Gateway Green Industry Conference

Class Descriptions
Wednesday, February 23

KEYNOTE: Turfgrass Management: What We Can Learn From International Colleagues - *Roch Gaussoin*

Most countries and regions have stricter pesticide regulations and/or limited product availability while dealing with many of the pest issues common to US turf facility. How they deal with these challenges as well as innovative management strategies will be the focus of this informative and often humorous presentation.

A. Rain Gardens- Creating Beautiful and Sustainable Landscapes with Water Quality in Mind - *Kaizad Irani*

A look at how you can turn rain water runoff into a resource – benefiting you the property owner, the community, the environment, and the bottom line. Rain gardens are becoming increasingly popular in our landscape. A rain garden is a natural or dug shallow depression designed to capture and soak up stormwater runoff from your roof or other impervious areas around your home like driveways, walkways, and even compacted lawn areas. The rain garden is planted with suitable trees, shrubs, flowers, and other plants allowing runoff to soak into the ground and protect water quality.

B. If Organic is So Good: Why am I Tearing Up My Greens to Get Rid of it? - *Roch Gaussoin*

Common misconceptions relative to organic matter accumulation and management in golf green rootzones will be rebutted with a simple solution to a perceived problem.

C. Let Herbs Spice Up Your Life - *Chuck Voigt*

Nothing spruces up ordinary meals more than the addition of a few snips of fresh herbs. Since these plants are easy to grow, attractive, don't take up much space, and give such a high return on a small investment, everyone ought to have at least a container herb garden outside the kitchen door. Learn how to choose and grow the best.

D. America in Bloom: Community Engagement & Green Industry Opportunities - *Bill Ruppert*

We all understand that we can sow a few seeds and with proper care, water, nutrition and sunshine yield some beautiful plants. If we're lucky, we'll make a profit. This seminar will focus on a national program whereby a horticultural business can "sow a few seeds in one's community" and reap the rewards "all the way to the bank." Learn how the horticulture green industry engaged the America in Bloom national community enhancement competition in Kirkwood, MO, population 27,300, winner of the 2007 America in Bloom Community Involvement Criteria Award.

E. Native Landscaping for Wildlife & People - *Dave Tylka*

Nature fascinates the mind, lifts the spirit and enhances your quality of life. If you want to surround yourself with more nature, attract wildlife to your landscape with native plants. Based on his native landscaping book published by the Missouri Conservation Department, Dave Tylka will not only focus on species of trees, shrubs and wildflowers that furnish food and cover for songbirds, butterflies, and hummingbirds, but also beautify your yard. Dave will also share stories about the natural interactions he and his family have experienced in their yard.

F. An Update from USGA Green Section - *Ty McClellan*

A look back on challenges and solutions in 2010 from the perspective of a USGA Agronomist. What worked, what didn't and what do we need to know as we prepare for 2011. Finally, learn what is new with the USGA Green Section, including our redesigned website and various technologies being utilized to reach more superintendents and golfers than ever before.

G. Plant Selection for Deer & Rabbit Prone Landscapes: Experiences & Perspectives from a Panel of Landscape Professionals - *Bill Ruppert*

Rabbits and deer have become quite at home in urbanized environments as natural predators can't seem to maintain a reasonable population balance. While numerous animal repellents are available, proper selection of rabbit and deer resistant plants will reduce the need for routine application of such repellents. A panel of seasoned landscape professionals will share their experiences and specific plant lists to reduce the impact of these four legged critters on the landscapes you manage.

H. What is New and Recently Introduced for the Garden Center - *Jim Nau*

There are a wide range of new and recently introduced varieties for the annual, perennial and other markets (herbs, tropicals, etc.). Jim's presentation will cover many different varieties providing you with the knowledge of what to expect on their performance for the home gardener.

I. Tree Pruning - *Dave Williams*

Proper pruning is a vital part of tree maintenance. How a young tree is pruned can determine how well it stands up to wind and ice as it ages. Pruning is an ongoing process that requires decisions on what to prune, when to prune, and whether to prune at all.

J. Controlling Poa Annu in Cool-Season Golf and Athletic Turf - *Bruce Branham*

Bruce Branham will be discussing our latest research into controlling Poa in Kentucky bluegrass roughs, fairways, and athletic fields, as well as Poa control in creeping bentgrass and greens.

K. In Support of Vegetables - *Elizabeth Wahle*

Beyond the sale of vegetable plants comes the care and maintenance needed to obtain a successful crop. Whether you are selling the plants or providing maintenance, a good working knowledge of common pests and cultural requirements can lead to additional value-added sales.

L. Grow a Greener Market - *Norma Turok*

Convincing others to believe your products or service is better than your competitor requires a marketing plan. This session will focus on developing a core message that can be communicated utilizing a variety of marketing tools.