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RUTGERS

New Jersey Agricultural
Experiment Station



October 21, 2009

Emergency Pesticide Recertification Seminar

(3A, 3B and CORE Credits Available)

October 16, 2009

Emergency Pesticide: 1/2 Day Classes - 3A & 3B

December 17, 2009

Basics of Turfgrass Management

December 18, 2009

Turf Establishment

- PLUS -

18 OTHER CLASSES INSIDE!!

Earn pesticide credits before the October 31st deadline!

Office of Continuing Professional Education





Emergency Pesticide Recertification Seminar

AL0407CA10

October 21, 2009

9:00 am - 3:45 pm

\$195 before 10/07/09; \$215 after

This one-day seminar is full of 3A, 3B and CORE recertification credits, in time for the October 31st deadline in New Jersey. New York, Connecticut, Pennsylvania and Delaware have also approved this class for credits. This year's class will focus on the Regulatory Update from the NJ DEP and Proper Respiratory Protection and Fit Tests. You will also learn how to Identify and Control Turfgrass Insects as well as how to Identify and Control Diseases of Ornamental Plants and Turf. Other topics covered will include: Update on Bacterial Leaf Scorch of Oak and Weed Control in Turf.

This year's seminar will feature an interactive technology that puts a fun new twist on pesticide training. In class, you will use the same technology that records audience voting on "Who Wants to Be a Millionaire." It's a voluntary and anonymous no-risk, no-stress way to follow along in class. Join us to use the fun and addictive technology that will help you better recall what you've learned in class.

Approved Pesticide Credits:

NJ/CT: 2 in CORE, 4 in 3B, 5 in 3A, 6B, 8C & PP2.

PA: 2 in CORE, 2 in 5, 3 in 6, 5 in 7, 8 in 18 & 23.

DE: 7 in 03

NY, MD, MA: Please call 732-932-9271 x625 for updated credits

Here's what your colleagues had to say about the course instructors:

Right to the point; Great, very interesting; Always the best!
(Dr. George Hamilton)

*Always a good speaker; Full of knowledge; Highly
informative and entertaining*
(Rich Buckley)

Informative; Very good information; Very interesting
(Dr. Albrecht Koppenhoffer)

Emergency Pesticide 1/2 Day Classes in 3A & 3B

3A - 6 Units in 3A, PP2

October 16, 2009

9:00 am - 12:00 pm

AL0407CB10

\$145 before 10/02/09; \$160 after

3B - 6 Units in 3B, PP2

October 16, 2009

1:00 pm - 4:00 pm

AL0407CC10

These two three-hour classes have been added to provide even more 3A and 3B credits in time for the license renewal deadline. You will earn six 3A credits in the morning session and six 3B credits in the afternoon session. Pennsylvania, Connecticut, and Delaware credits have also been approved. New York credits are pending approval. Join us for a complimentary pizza lunch if you are attending both sessions.

Approved Pesticide Credits:

3A (9am-12pm)

NJ/CT: 6 in 3A, PP2

PA: 4 in 6, 18 & 23

DE : 3 in 03

NY: Please call for credits

3B (1pm-4pm)

NJ/CT: 6 in 3A, PP2

PA: 5 in 7, 18 & 23

DE : 3 in 03

NY: Please call for credits

2009 Basic Pesticide Training CORE Certification of Applicators & Operators

September 17th (Bilingual), AE0801CA10; October 1st (English Only), AE0801CB10; please call 732-932-9271 for additional dates

The NJDEP Pesticide Control Program (PCP) pesticide regulations require training for new commercial applicators and operators. If you have never been licensed, or if you have not maintained your license, you must complete these training requirements to become licensed. Training new commercial applicators or operators must include both a PCP-approved basic pesticide training course and 40 hours of on-the-job training. Bilingual courses are taught in English and Spanish.

*Licensed applicators may also take this class to earn **six (6)**
CORE credits.*



Basics of Turfgrass Management

AT0406CA10 9:00 am - 3:30 pm
December 17, 2009

\$175 before 12/03/09; \$195 after

Take this course with **Turf Establishment** (see below) for only \$295!

In this highly informative one-day program, you'll be introduced to a full range of turfgrass management topics and practices including:

- **Prevention and Control of Turf Pests**
- **Maintenance Practices**
- **Choosing Turfgrass Varieties**
- **Soils and Fertilization**

Bring your questions to class with you and discuss solutions needed to troubleshoot turf problems.

Approved Pesticide Credits:

NJ/CT: 6 in 3B, PP2

PA: 3 in 07, 18, 23 DE: 6 in 03

Please call 732-932-9271 x625 for updated NY, MD, MA, & CPWM credits.

Turf Establishment

NEW

AT0406CB10 9:00 am - 3:45 pm
December 18, 2009

\$195 before 12/04/09; \$225 after

Take this course with **Basics of Turfgrass Management** for only \$295!

This one-day course offers specific instruction on how to successfully establish turfgrass. Instructor **Joseph Clark**, Principal Lab Technician at the Rutgers Turfgrass Research Farm, will combine classroom lectures with hands-on field demonstrations to provide you with essential turfgrass establishment skills including:

- **Preparing Your Plan**
- **Seeding Rates**
- **Weed Control**
- **Irrigation Rates**
- **Soil Testing and Interpretation**
- **Fungicides**

Approved Pesticide Credits:

NJ/CT: 5 in 3B, 6B, 8C, PP2

PA: 2 in PC, 7, 18, 23 DE: 3 in 03

Please call 732-932-9271 x625 for updated NY, DE, MD, MA, & CPWM credits.

Introduction to Plant Identification

AL0249CA10 9:00 am - 3:30 pm
November 5 and 6, 2009

\$395 before 10/22/09; \$445 after

Certified Tree Expert **Ted Szczawinski** is in the classroom for this two-day course, ready to share his wealth of knowledge on the basics of plant classification and biology. Ted will guide you through a series of fun, informative hands-on activities to help you better understand how plants are grouped, identified, and nurtured. This introductory class is intended to prepare interested candidates for the **Basics of Plant Material for Landscape Use** short course which runs Friday mornings from Jan. 8 - March 19, 2010.

Ted will teach on several plant identification topics, including:

- **Deciphering the Classification System (Kingdom, Phylum, etc.)**
- **The Binomial System (Genus, Species, Cultivars and Varieties)**
- **Deciduous Plants: (Young, Established, and Mature)**
- **Conifers and Evergreens**

There will also be field exercises where you will learn how to Apply a Dichotomous Key and much more!

Here's what your colleagues had to say about Ted:

Ted did an excellent job—he kept a good pace, with great information and continued to keep me interested.

Ted tackles tough topics easily and leaves his audience wanting more ...

Great job making the class more simple and interesting!

Wonderful teacher! Makes it fun.

Ted is an enthusiastic instructor who is extremely knowledgeable on the topic. He explains everything thoroughly.



Snow and Ice Removal

AL0236CA10

8:30 am - 3:30 pm

December 3, 2009

\$195 before 11/19/09, \$225 after

This one-day class is updated annually to provide the latest guidance, strategies and solutions for anyone who keeps roads, lots, and sidewalks clean in winter. The course has separate sessions for public road managers and for private contractors seeking to start or expand winter maintenance operations. The two groups meet together to review the pros and cons of different options for equipment, materials, and de-icing chemicals. Then, the groups will separate to cover contracting, budgeting, planning and best management practices for the public and private sectors.

CPWM credits available. Please call 732-932-9271 x625 for updated info. 6 CSP Certified Snow Professional® credits offered by SIMA®, the Snow & Ice Management Association, Inc.

Pesticide Calibration

AL0404CB10

9:00 am - 1:00 pm

January 29, 2010

\$195 before 01/15/2010; \$225 after

Sometimes you just have to do the math! And this class will help make your math problems more painless and error-free. Anyone who measures, mixes or calibrates pesticides or fertilizers needs to do the mathematical gymnastics of calculating and converting. Conversions like: acres into square footage (application area), pounds or ounces of material (chemical amount) to amount of active ingredient (percentage active ingredient), ounces per second into gallons per minute (flow rates), feet per second into MPH (speed of applicator). That's a lot of math and a lot of margin for error for one application, and one mistake at any stage could turn an emerald green lawn into a barren, burned out eyesore.

Not to mention the cost in time and money from inaccurate applications.

Approved Pesticide Credits:

NJ/CT: 8 in CORE

PA: 6 in CORE

DE: 4 in 03

Please call 732-932-9271 x625 for updated NY, MD, MA, & CPWM credits.

Hazardous Tree Identification

AL0803CA10

Winter Session

December 14, 2009

9:00am - 3:30 pm

\$245 before 11/30/09; \$275 after

AL0803CB10

Spring Session

February 18, 2010

9:00 am - 3:30 pm

\$245 before 02/04/10; \$275 after

Hazardous trees pose a double danger. They are tough to recognize and they can be costly - and even deadly - if not managed before an avoidable accident happens. In this one-day course, Certified Tree Experts **Ted Szczawinski** and **Steve Chisholm** will walk you through the step-by-step process of identifying a hazard, dealing with the hazard, and properly documenting your findings and any work performed. The class will include hands-on field instruction and provide a better understanding of key concepts, including the tree rating system.

Here's what your colleagues had to say about this course:

Both Steve and Ted are extremely knowledgeable in their respective areas of expertise...

I found the information shared in this class to be one of my most valued tools.

CPWM, ISA, and Community Forestry credits are available. Please call 732-932-9271 x625 for updated credit information.

Large Tree Climbing and Rigging

AL0802CA10

9:00 am - 3:30 pm

December 17 and 18, 2009

\$395 before 12/3/09; \$445 after

In this two-day class, discover the techniques that increase your productivity while maintaining the high level of safety that is the mark of a good arborist. **Steve Chisholm**, a Certified Tree Expert and leading arboriculture educator, and his brother, **Mark Chisholm**, a two-time World Champion and 14-time New Jersey State Tree Climbing Champion, will combine classroom lectures with field demonstrations of climbing and rigging techniques. A past attendee remarked:

This class was great! I'm afraid to say that I learned of all the things I've been doing wrong. Thanks to this class, I will be safer, more efficient, and quicker.

CPWM, ISA, & Community Forestry credits are available. Please call for info.



Plant Appraisal and Valuation **NEW**

AL0809CA10

December 16, 2009

9:00 am - 3:30 pm

\$245 before 12/02/09; \$275 after

Landscape plants are assets, and there is a science – and an art – to assigning a dollar value to those assets. Nature does not provide price tags, however. That’s why this new one-day class, taught by gifted arboriculture instructors **Ted Szczawinski** and **Lee Gilman**, explains and demonstrates the four key variables that determine the dollar value of a landscape plant – size, species, condition, and location. The challenge of the valuation process is assigning specific numbers and weights to each factor. You will learn how to apply the appraisal methodology for those inevitable cases where landscape plants have been damaged or destroyed. These skills also are critical in insurance reimbursements, real estate transactions, tree inventories and plant condemnation actions. **CPWM, ISA, and Community Forestry credits are available. Please call 732-932-9271 x625 for more information.**

Repair and Maintenance of Golf Course Irrigation Systems

AT0306CA10

December 14 & 15, 2009

9:00am - 3:30 pm

\$495 before 11/30/09; \$545 after

When your irrigation system breaks down in the heat of summer, there’s no time for on-the-job training. To avoid the cost and damage of a malfunctioning system, you need to diagnose the problem and repair it immediately. Certified Irrigation Specialist **Bob Dobson** shows you how in this hands-on, two-day course. He begins with the fundamentals of irrigation systems and then delves into topics such as: piping and wiring maintenance, proper techniques for lateral and mainline repairs, transitioning to different types of pipe, communication and computer control applications and much more.

Pesticide Safety for the Landscape Contractor

AL0404CA10

January 19, 2010

8:30 am - 3:45 pm

\$195 before 01/05/10; \$225 after

This one-day course uses hands-on and interactive exercises to weave safety procedures into your daily routine. You will cover sprayer calibration methods, daily truck inspection practice on a real spray rig, and a material safety review. Since CORE recertification is required, wouldn’t you rather attend a course that gets you out of your seat and lets you practice what other courses just describe?

Approved Pesticide Credits:

NJ/CT: 8 in CORE

PA: 6 in CORE

DE: 7 in 03

Please call 732-932-9271 x625 for updated NY, MD, MA, & CPWM credits.

Pest Management of Ornamental Landscape Plants

AL0402CA10

January 12, 2010

9:00 am - 3:30 pm

\$195 before 12/29/09; \$225 after

Taught by Extension Specialist **Dr. Ann B. Gould**, this one-day course covers identification and control of diseases and weed and ornamental insect problems.

Approved Pest Credits: NJ/CT: 2 in CORE; 8 in 3A, 6B, 8C, PP2

Please call 732-932-9271 for updated NY, PA, DE, MD, MA, & CPWM credits.

Integrated Pest Management (IPM)

AL0401CA10

January 15, 20, & 21, 2010

9:00 am - 4:00 pm

\$395 before 12/28/2009; \$445 after

\$195 (Single Day January 15 only)

This two-part class will focus more directly on ornamental plant care. You may take Day One only to focus on the philosophy of IPM along with the fundamentals of monitoring and practical strategies for implementing IPM. You may choose to take the full three-day class to develop a deeper understanding of IPM tools and skills including biorationale controls and improving soil health.

Approved Pesticide Credits:

NJ/CT (Day 1): 2 in CORE; 7 in 3A, 6B, 8C, PP2; 2 in 13

NJ/CT (3-Days): 4 in CORE and 13; 24 in 3A, 6B, 8C, PP2

Please call 732-932-9271 for updated NY, PA, DE, MD, MA, & CPWM credits.



Pest Management of Landscape Turf

AL0403CA10

February 4, 2010

9:00 am - 3:30 pm

\$195 before 01/21/10; \$225 after

Troubleshooting pest problems is a skill customers expect (and demand) from landscape professionals and public grounds managers. Weeds, diseases, and insects are ready to victimize weak turf and create an eyesore. In this one-day class, instructor **Rich Buckley** will provide you with valuable clues to effectively diagnose and treat insect, disease, and weed problems in turf.

Approved Pesticide Credits: NJ/CT: 11 in 3B, 6B, 8C, PP2

PA: 6 in PC; 8 in 7, 18, 23 DE: 7 in 03

Please call 732-932-9271 for updated NY, MD, MA, & CPWM credits.

Ornamentals

Managing Insect Pests of Ornamentals

January 26, 2010 - (AL0406CA10)

\$195 before 1/12/10; \$225 after

Managing Diseases of Ornamental Landscape Plants

February 8, 2010 - (AL0408CA10)

\$195 before 1/25/10; \$225 after

Turfgrass

Managing Turfgrass Insects

February 2, 2010 - (AT0407CA10)

\$195 before 1/19/10; \$225 after

Managing Turfgrass and Landscape Weeds

March 8 & 9, 2010 - (AT0404CA10)

\$395 before 2/22/10; \$435 after

Turfgrass Disease Management

March 11, 2010 - (AT0403CA10)

\$195 before 2/25/10; \$225 after

Please call 732-932-9271 x625 for updated pesticide credits.

Water Management and Drainage

AL0602CA10

December 15, 2009

9:00 am - 4:00 pm

\$195 before 12/01/09; \$225 after

This one-day course was redesigned to focus on the drainage problems and repairs of highest value to you, your customers, and their plants. Learn how to evaluate site conditions to make better plant selections and maintenance decisions. Also, learn how to read the landscape, use proper site analysis techniques, maximize water usage with proper grading techniques, solve drainage problems on-site, and understand when and how to use different tools and techniques to solve drainage problems.

This class is approved for 6 Technical CPWM credits.

This is a core class in the Landscape Management Certificate Program.

4 CONVENIENT WAYS TO REGISTER



Phone: 732.932.9271, M-F 8AM - 4:30PM.

Please have your Visa, Mastercard or AMEX number ready.



Fax: 732.932.8726, 24 Hours. Please include credit card information or copy of your check, money order or purchase order with your fax.



Mail: Registration Desk, NJAES Office of Continuing Professional Education, Rutgers University, 102 Ryders Lane, New Brunswick, NJ 08901-8519. Please make check payable to: Rutgers University



Web: Please visit our website at: www.cpe.rutgers.edu for information.

Payment Policy - All students must have prearranged for payment to be admitted to the class (purchase order, check, VISA, Mastercard, American Express or money order).

Refunds - You may withdraw from this course with a full refund (minus a \$50 processing fee) provided our office is notified at least three (3) full working days prior to the start of the course. Beyond that time, registrants may be responsible for the full registration fee. Substitutions are welcomed.