

2010 Delaware Cooperative Extension Horticulture Short Courses



Happy New Year from
Delaware Cooperative
Extension!

Enclosed is the 2010 Delaware Cooperative Extension Ornamentals Short Course schedule. This year, our courses begin in February and continue into the summer with a sustainable landscape tour and an evening pest walk. The schedule includes workshops that highlight sustainable landscapes and businesses, integrated pest and disease management, perennials, edible plants and more. Each course is reasonably priced to accommodate your needs and is offered at various times and locations throughout the week depending on the course. To register, contact your county office, add your name to the class list, and pay at the door.

Much like last year's course schedule, we are offering courses in each county that address a variety of horticultural subjects, offer nutrient management and pesticide credits to help you maintain your certifications, and provide courses that will introduce you to your county's horticulture agent and our state specialists. You will notice, this year, that former Kent County agent Gordon Johnson is not an instructor on our course schedule. We'd like to take this opportunity to congratulate Gordon for his promotion to Extension Vegetable and Fruit Specialist, and alert you to this change in the Kent County office. Gordon assumed this position at the start of the year and moved to his new office in Sussex County. During this transition period, if you have horticulture-related questions and/or you need to register for an event, please call the front office at (302) 730-4000 and your call will be redirected to the appropriate agent and/or specialist.

Delaware Cooperative Extension has many services to offer you throughout the year in New Castle, Kent and Sussex counties. You can drop off plant specimens, request assistance in identifying plants and their problems, pick up soil tests, informational pieces such as plant, insect, and disease fact sheets, our *Plants for a Livable Delaware* series, and registration forms for our Ornamentals Hotline publication (a newsletter designed to fit our industry's needs during the height of the season). Finally, visit our website for additional up-to-date information <http://ag.udel.edu/extension/horticulture/>.

We look forward to working with you in the future. If you need anything, please don't hesitate to call or e-mail.

Sincerely,

Tracy Wootten
Extension Agent
wootten@udel.edu
(302) 856-7303

Carrie Murphy
Extension Agent
cjmurphy@udel.edu
(302) 831-2506



Delaware Cooperative Extension Presents the Following Short Courses for 2010!



Nutrient Management Turf Workshop

Credits: 2 Nut., 1 CNP

January 18 2 p.m.- 4 p.m.

Delaware State Fair Grounds ACE Building, Harrington, DE (No fee)

<http://www.rec.udel.edu/AgWeek/home.htm>

This session addresses challenges in achieving water quality goals, and provides a nutrient management update for turf managers.

Instructors: Dr. Dave Hansen and Dr. Greg Binford

Greenhouse Integrated Pest Management Workshop



February 6 8:30 a.m. -12:30 p.m.

Credits: 4 Pest., 1 Nut., 1 CNP

Kent County Extension Office, Dover, DE (No fee)

Learn the basics for IPM management in a greenhouse business. Topics include: local IPM greenhouse visits summary, scouting, biological controls and managing nutrients.

Instructors: Andrew Ristvey, John Speaker, Suzanne Wainwright, and Brian Kunkel

Edible Landscapes

Credits: 1 CNP

February 25 4 p.m. - 5 p.m.

New Castle County Extension Office, Newark, DE (Cost \$5)



This one hour session will introduce you to the concept of creating edible landscapes. We will discuss small-scale vegetable garden installation and maintenance, and growing basic crops such as lettuce and tomatoes. We will also cover landscape design using ornamental plants to provide year-round seasonal interest and food for wildlife and harvest.

Instructor: Carrie Murphy

Help Wanted—Where to Find Employees & How to Keep Them

March 1 4 p.m. - 6 p.m.

Credits: 1 CNP

New Castle County Extension Office, Newark, DE (Cost \$10)

Explore some alternatives, beyond the traditional newspaper ad, to find employees. Once the team's been assembled, we'll look at what's needed to keep everyone happy and productive.

Instructor: Valann Budischak

Herbaceous Perennials Series

Credits: 2 Pest., 1 CNP/ Each Session

March 2, 16 5 p.m. - 7 p.m. (Cost \$10/session)
007 Townsend Hall, Newark, DE

March 2, 16 5 p.m. - 7 p.m. (Cost \$10/session)
Sussex County Extension Office, Georgetown, DE

This series provides an overview of managing herbaceous perennials in the landscape. Learn about insect pests that commonly attack these plants in the landscape and their control options on **March 2** and disease identification and control of common leaf, stem and root diseases on **March 16**. Cultural issues will also be discussed. Participate at either the New Castle or Sussex location.

Instructors: Brian Kunkel, Bob Mulrooney, Carrie Murphy and Tracy Wootten

Integrated Pest Management in the Landscape

Credits: 2 Pest., 1 CNP

March 4 4 p.m. - 6 p.m.
Kent County Extension Office,, Dover, DE (Cost \$10)

Learn the basics for IPM management in the landscape. Topics include: common insect pest identification, scouting, biological controls and review of current control products available for use.

Instructors: Brian Kunkel

Sustainable Landscape Design

Credits: 1 Nut., 1 CNP

March 18 4 p.m. - 6 p.m.
New Castle County Extension Office, Newark, DE (Cost \$10).

March 22 4 p.m. - 6 p.m.
Sussex County Extension Office, Georgetown, DE (Cost \$10).

Learn how you can incorporate sustainable design components into any landscape project. We will cover design concepts such as rain gardens, wildlife habitat, proper plant selection and placement as well as the incorporation of natural areas within planned landscapes. We will also cover maintenance concepts such as recycling organic materials and mowing management.

Instructor: Sue Barton

Plant Disease Series

Credits: 2 Pest., 1 CNP/Each Session

April 5, 8, 13 4 p.m. - 6 p.m.
New Castle County Extension Office, Newark, DE (Cost \$25 for series or \$10/session)

Learn about identification and control of important plant diseases in the landscape. The class will include basic plant pathology principles as well as coverage of abiotic disorders that can mimic diseases. Common diseases of perennials, trees and shrubs will be used to illustrate typical diseases caused by fungi, bacteria, viruses and nematodes. This class is intended as an introduction to plant diseases in the landscape for the novice or someone wanting a refresher on basic disease identification and control principles.

Instructor: Bob Mulrooney

More Great Short Courses for 2010!

Christmas Tree Production

Credits: 2 Pest., 1 CNP

April 8 3 p.m. - 5 p.m.

Delaware Department of Agriculture, Dover, DE (Cost \$10)

Learn to identify and control important insect pests and plant diseases that affect Christmas Trees in production .

Instructors: Brian Kunkel and Nancy Gregory

Sustainable Landscape Tour

Credits: 2 Pest., 1 Nut., 1 CNP

June 18 1/2 day tour including lunch

University of Delaware Campus, Newark, DE (Cost \$10)

Join us for a 1/2 day tour of the UD Campus with a 90 minute lecture on sustainable landscapes.

Instructors: Sue Barton and Chad Nelson



IPM Walk

Credits: 2 Pest., 1 CNP

June 29 4 p.m. - 6 p.m.

Fischer Greenhouse & University of Delaware Botanic Gardens, Newark, DE (Cost \$10)

Start in the Fischer Greenhouse with a brief discussion of "What is IPM?" and then tour the grounds of the UDBG to both identify pests and beneficial insects in the landscape.

Instructors: Brian Kunkel and Bob Mulrooney



Delaware Cooperative Extension is willing to come to you!

If you have 10 or more people, we will conduct a workshop at your site on insects, diseases, weeds, cultural problems, sustainable landscapes, business skills or other nursery or landscape industry topics that interest you and your employees. (Cost \$10 person)

Scheduling is based on availability of the instructor with expertise in the topic you choose.

Contact your local County Extension Agent:
Carrie Murphy (302-831-2506), New Castle County
Tracy Wootten (302-856-7303), Sussex County



Delaware Cooperative Extension Short Course Instructors:

Sue Barton, Extension Ornamental Specialist, UD
Dr. Greg Binford, Extension Specialist, Soil Fertility, UD
Valann Budischak, Extension Associate, Plant & Soil Sciences, UD
Nancy Gregory, Extension Associate, Plant Pathology, UD
Dr. Dave Hansen, Extension Nutrient Management Specialist, UD
Brian Kunkel, Extension Ornamental IPM Specialist, UD
Bob Mulrooney, Extension Plant Pathologist, UD
Carrie Murphy, New Castle County Extension Agent, UD
Chad Nelson - Assistant Professor of Landscape Design, UD
Andrew Ristvey, University of Maryland Regional Extension Specialist
John Speaker, IPM Scout, Owner of Speaker's Garden
Suzanne Wainwright, Owner of Buglady Consulting
Tracy Wootten, Sussex County Extension Agent, UD



University of Delaware Botanic Gardens Events



The University of Delaware Botanic Gardens sponsors events for gardeners and commercial landscapers. The UDBG is a wonderful resource for the nursery and landscape industry. The Spring UDBG plant sale is a great place to buy unusual plants with limited availability in the nursery and landscape trade. The sale benefits student internships as well as growth and development of the UDBG. **To register for UDBG programs, contact Melinda Zoehrer at 302-831-0153 or visit the UDBG website** for: more information on visiting the garden, plant descriptions, educational tours and programs, and how to get involved. <http://ag.udel.edu/udbg/>

Plant Sale Highlights - Tuesday, March 16 from 7 - 9 p.m.

The Commons, Townsend Hall, College of Agriculture and Natural Resources in Newark
Free to UDBG Friends members; \$10 non-members
Lecture will feature many of the plants offered in the catalog and sale.

Guided Walk of 2010 Plant Sale Highlights - Thursday, March 25 from 4- 5:30 p.m.

Departing from Fischer Greenhouse.

Free to UDBG Friends members; \$5 non-members

Dr. John Frett will take you on a guided walk to show you UDBG landscape size plants that will be offered in the plant sale and give a preview of the containerized plants. Max. 35

UDBG Plant Sale - Friday, April 23 from 4 - 7:00 p.m. and ***Saturday, April 24*** from 9:30 a.m.

to 4 p.m.. The UDBG spring plant sale is held on Ag Day each year. Plants include perennials, tender perennials, shrubs, small flowering trees, evergreens and shade trees. Plant sizes range from quarts to 15 gallons. The 2010 Plant Sale Catalog will be available digitally in mid March on the UDBG website: <http://ag.udel.edu/udbg>

Courses Offered in Each County:



New Castle County

Register with: Carrie Murphy, New Castle County Extension Office
461 Wyoming Road, Newark, DE 19716
302-831-2506 or cjmurphy@udel.edu

Edible Landscapes	February 25	4 p.m. - 5 p.m.
Help Wanted—Where to Find Employees & How to Keep Them	March 1	4 p.m. - 6 p.m.
Herbaceous Perennials Series	March 2, 16	5 p.m. - 7 p.m.
Sustainable Landscape Design	March 18	4 p.m. - 6 p.m.
Plant Disease Series	April 5, 8, 13	4 p.m. - 6 p.m.
Sustainable Landscape Tour (UD Campus)	June 18	1/2 day tour, Time –TBA
IPM Walk (Fischer Greenhouse, Newark)	June 29	4 p.m. - 6 p.m.

Kent County

Register with: Kent County Extension Office,
69 Transportation Circle, Dover, DE 19901
302-730-4000 or carolm@udel.edu

Nutrient Management Turf Workshop (State Fair, ACE Bldg.)	January 18	2 p.m. - 4 p.m.
Greenhouse IPM Workshop (Kent Ext. Office)	February 6	8:30 a.m. - 12:30 p.m.
Integrated Pest Management in the Landscape (Kent Ext. Office)	March 4	4 p.m. - 6 p.m.
Christmas Tree Production (Del. Dept. of Ag)	April 8	3 p.m. - 5 p.m.

Sussex County

Register with: Tracy Wootten, Sussex County Extension Office
16483 County Seat Highway, Georgetown, DE 19947
302-856-7303 or wootten@udel.edu

Herbaceous Perennials Series	March 2, 16	5 p.m. - 7 p.m.
Sustainable Landscape Design	March 22	4 p.m. - 6 p.m.

Visit Delaware Cooperative Extension on the web:
<http://ag.udel.edu/extension>



Call or email your local extension office to register for any and all courses.

It is the policy of the Delaware Cooperative Extension System that no person shall be subjected to discrimination on the grounds of race, color, sex, disability, age or national origin.