

Reducing Lawn Fertilizer Use and Stormwater Runoff



A special field workshop
for the establishment
and management of
lawns in new and
existing residential
developments

Questions about the field workshop?

Contact, Dr. Mark Carroll
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Landscape Architecture
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301-405-1339

September 17, 2014
8:00 – 3:00 pm

University of Maryland Paint
Branch Turfgrass Research
and Education Facility

395 Greenmead Drive
College Park, MD 20740

This field workshop is designed
for:

Landscape managers and
contractors

Builders

Environmental consultants

Individuals having:

HOA or municipal grounds
management responsibilities

Landscape related stormwater
management responsibilities



*Home lawns comprise over
7% of the land area within
the Chesapeake Bay
Watershed. New residential
developments are adding
thousands of acres of lawn
each year.*

UNIVERSITY OF
MARYLAND
EXTENSION
Solutions in your community

Field Workshop Program Wednesday September 17, 2014

Morning Program

8:00 – 8:30 How Stormwater and Nutrient Management Regulations are Impacting Turfgrass Use and Management Within the Chesapeake Bay Watershed, *Dr. Mark Carroll Univ. of MD*

8:30-9:30 Strategies to Reduce Lawn Fertilizer Use – *Dr. Tom Turner, Univ. of MD*

9:30-10:15 Increasing Lawn and Landscape Infiltration. *Dr. Stuart Schwartz, UMBC*

10:15 – 10:45 Compost Selection. *Dr. Gary Felton Univ. of MD*

10:45 – 12:15 Case Study Results: Compost and Microcover as Best Management Practices to Reduce Runoff and Lawn Fertilization:

Runoff and Visual Appeal of Microcover Lawns. *Dr. Mark Carroll, Univ. of MD*

Microcover Establishment and Herbicide Use in Cool Season Turfgrasses. *Dr. Peter Landschoot, Penn State*

Methods to Introduce Microcover into Warm and Cool Season Grass Lawns *Dr. Mike Goatley, Virginia Tech*

12:15 – 1:00 Lunch

Why you should come – Properly designed and managed lawns can assist in reducing stormwater losses from residential



areas. This workshop will provide attendees with current and newly emerging turf

establishment and management practices that reduce runoff and lawn fertilizer use. Registration for this event is being limited to facilitate dialog among attendees and to allow for a program that includes mix of lectures, discussion and “in the field” sessions throughout the day.

Afternoon Program

1:00- 1:30 Consensus “Bay Friendly” Best Management Practices for Lawns. *Dr. Mike Goatley, Virginia Tech*

1:30 – 2:00 Design Principles to Reduce Stormwater Runoff from Residential Lawns. *Dr. David Myers, Univ. of MD*

2:00 – 2:30 Cost Comparison of Approaches to Reduce Stormwater Runoff from Lawn Areas. *Lajan Barnes and Stuart Cohen, Environmental & Turf Services*

2:30 – 3:00 Potential Barriers in the Adoption of Low Input Lawn Management Strategies by Homeowners, HOA’s, Builders and Green Industry Stakeholders. (an open discussion among workshop attendees)

Registration

**Lunch Included
\$40 per person**

This is a limited capacity event.

Register early to guarantee your seat!

Registration closes on September 10, or once 60 individuals have registered for this event.

To register and pay by credit card, please visit:

<https://lawnfieldworkshop.eventbrite.com>

To register and pay by check, please complete the form below and make the check payable to University of Maryland

Name: _____

Address: _____

City: _____

State : _____, **Zip** _____

Email : _____

Is a vegetarian meal requested? If so please indicate this below

Yes _____ No _____

Please mail the completed registration form to:

Tina Scites
1426 Animal Sciences Building
University of Maryland
College Park, Maryland 20742