

## Featured speakers include:

*Dr. Ann Swinker*, Penn State Equine Specialist

*Donna Foulk*, Northampton Co. Extension

*Cheryl Fairbairn*, Chester Co. Extension

*Nancy Kadwill*, Montgomery Co. Extension

*Rachel Onuska* - Bucks Co. Conservation District

*Gus Meyer*, Montgomery Co. Conservation District

*Pam Wilkinson*, Chester Co. Conservation District

*Dan Ludwig* - NRCS Grazing Specialist

*Andrew Frankenfield* - Mont. Co. Extension, Agronomy



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This publication is available in alternative media on request.

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Cooperative Extension

This program is being offered by the  
Penn State Cooperative Extension  
Equine Natural Working Group Industry Team

### Need More Information?

Cheryl Fairbairn: 610-696-3500

Nancy Kadwill: 610-489-4315

Donna Foulk: 610-746-1970

Brochure also available on the web:

<http://montgomery.extension.psu.edu/>

<http://chester.extension.psu.edu/>

## Horse Owners Listen Up! Things are changing in Equine & Environmental Stewardship!

- Are you aware that all farms with animals in PA are required to have a manure management plan?
- Do you know how these and other environmental regulations affect you?
- Do you know how pastures can benefit your horses and how and when grazing may put some horses at risk?
- Do you know how to manage your pastures to increase pasture quality and reduce weeds and toxic plants?
- Do you know how to compost manure so that it is a resource that you can use in your pastures?
- Do you know how to feed your horses to supply the proper levels of nutrients in their diet?



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PENN STATE



College of Agricultural Sciences

# EQUINE ENVIRONMENTAL STEWARDSHIP

A Three-Session Educational Short Course



**Held in Two Locations!**

**Tuesdays—March 8<sup>th</sup>, 15<sup>th</sup>, & 29<sup>th</sup>**

**7:00PM—9:30PM**

at the

Chester County Cooperative Extension

Government Services Center

601 Westtown Road, Suite 171

West Chester, PA 19380-0990

**Thursdays—March 10<sup>th</sup>, 17<sup>th</sup>, & 31<sup>st</sup>**

**7:00PM—9:30PM**

at the

Inn at Towamencin

1750 Sumneytown Pike

Kulpsville, Pennsylvania 19443

## Horse Owners Listen Up! Things are changing in Equine & Environmental Stewardship!

Across the nation, the equine industry continues to grow and expand. Equine research and current legislation are providing exciting new information that is generating many changes in recommendations for environmental practices. Participants in this short course will be made aware of new and emerging information that will benefit their horses, their farms and the environment.

### Session I:

***The Grass is Always Greener—Part I—Forage Biology and Grazing Management***

***The Grass is Always Greener—Part II—Forage Species and Renovation***

Pre-course assignment: Download farm maps from Google Earth and bring to class\*\*

Pastures – Forage Growth, management, and biology / Benefits of grazing / Grazing health risks

Setting pasture management goals / Rotational grazing / Sizing and constructing stress lots / Renovating pastures: conventional, broadcast, no-till / Forage species selection

### Session II:

***Weed Management:*** What is a weed? / Benefits and problems associated with weeds / Weed biology

Common weeds in PA horse pastures / Toxic plants / Biological, physical and chemical management of weeds

***Evaluating Pasture Quality:*** Importance of evaluating pastures / How to use the Equine Pasture Evaluation Disc (EPED)

How to use the Equine Pasture Condition Score Sheet

***Soil Fertility Management:*** How to interpret the results of a soil test / Soil acidity / Lime benefits and requirements /

Organic vs. inorganic fertilizers / Types of fertilizers / Manure nutrients / Soil health

### Session III:

***Regulations and Compliance:*** Do you need a certified nutrient management plan for your farm? How the new DEP manure management regulations will affect you.

***Manure the Renewable Resource:*** Good stewardship practices in managing manure, how to store, compost & use manure.

***Equine Nutrition:*** The effects of nutrient deficiencies and excess on foal development and horse health, how to balance nutrients in your feeding program.

### \*\*FOR SESSION I:

Bring an aerial map of your farm and pastures as you will be working on this in class.

The google search link is <http://earth.google.com>

When you go to the site you have to download the Google Earth download, but it is free to do so. Then you type in the address of the location you want to see and zoom in or out and you have an aerial map to print.

You may also bring a current conservation plan instead of the Google Earth printout.

## Registration

Registration Fee—\$40.00 for 3 sessions

Enrollment is limited so register early!

Name
Business/Farm
Address
City, State, Zip
Phone
Email
Fee = No. of persons X \$40
<b>I will be attending in Montgomery Co.</b>
<b>I will be attending in Chester Co.</b>
Checks payable to: <b>PSCE Program Account</b> Send to: Equine Environmental Short Course Northampton County Cooperative Extension Greystone Building 14 Gracedale Avenue Nazareth, PA 18064  <b>Please indicate which county program you will be attending.</b> If you would like confirmation please call: 610-746-1970 No confirmation will be mailed.