Penn State Extension
Equine Program Team
Presents Three New Courses in 2012:

Piecing Together the Parasite Puzzle
Equine Environmental Stewardship
Caring for the Geriatric & Aging Horse

Sponsored by:
Penn State Extension Equine Team
SARE - Sustainable Ag Research and Education

SARE’s mission is to advance—to the whole of American agriculture—innovations that improve profitability, stewardship and quality of life by investing in ground-breaking research and education.

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Photo: MillerLife (Barley), 8 yr. old Haflinger owned by Jan Martin, Northampton County

Penn State Extension Equine Team
Promoting Care of the Horse, the Environment, and the Industry, through Research and Education

Because of the continual growth of the equine industry in Pennsylvania and the increasingly important role that the industry plays in supporting agriculture, the Penn State Extension Equine Team has been established to provide science based education that is both timely and relevant. The mission of the Team is to provide horse owners and farm managers, equine professionals, agricultural service providers, and agency representatives with the latest information on environmental stewardship and water quality, sustainable farm management practices, and horse health and well-being.

Check for program choice(s)

Piecing Together the Parasite Puzzle:
February 4, 2012, 8:30AM - 3:30PM
Number of Attendees @ $55 each

Caring for the Geriatric & Aging Horse:
March 10, 2012, 8:30AM - 3:30PM
Number of Attendees @ $45 each

Equine Environmental Stewardship:
(see below for dates and locations)
Number of Attendees @ $45 each

Please circle location choice
All sessions are evenings:
7:00PM - 9:30PM
March 7, 14, 21, and 28
Lehigh County Ag Center
April 3, 10, 17, and 24
Columbia County Extension Office
April 5, 12, 19, and 26
Wayne County Extension Office

TOTAL DUE =

Checks payable to:
PSCE Program Account
Send to:
Equine Short Course
Greystone County Extension
14 Gracedale Avenue
Nazareth, PA 18064

For information about Extension Equine Team programs:
### Piecing Together the Parasite Puzzle

**February 4, 2012—9:00AM–3:30PM**
**Eden Resort and Conference Center**
**222 Eden Road, Lancaster, PA 17601**
**Cost: $55**

- Did you know that parasites are becoming resistant to the deworming products?
- Have you been faithfully deworming your horses every 6 weeks only to learn that this is no longer the recommended practice?
- Are you confused about when to worm your horse and how often?
- Do you know which horses on your farm have natural resistance to parasites and which may need to be dewormed more frequently?

This one day short course will feature top specialists and researchers in the field who will review the life cycles of equine parasites and will discuss the effects of rainfall, temperature, pasture rotation and manure composting on parasite infection. Participants will learn how to prepare a slide and perform fecal egg counts and will be able to work with their veterinarian to develop a program targeted for their specific farm situation.

**Who should attend?** Everyone that owns a horse or manages horses for others should attend this short course.

**Topics:**
- Types of Parasites and How They Behave
- The Science of Resistance—Is it a Problem on Your Farm?
- What Monitoring Parasites in the Penn State Herd Has Taught Us
- How Rain, Drought, and Pasture and Manure Management Effects Parasites
- How to Conduct Fecal Egg Counts in Horses and What the Results Can and Cannot Tell Us

### Equine Environmental Stewardship

**March 14, 21, and 28:**
Lehigh County Ag Center, Allentown, PA
April 3, 10, 17, and 24:
Columbia County Extension Office
April 5, 12, 19, and 26:
Wayne County Extension Office
All sessions are evenings, 7:00PM - 9:30PM
Cost: $45 for all four sessions at each location

- Are you aware that all farms with animals in PA are required to have either a certified nutrient management or a manure management plan?
- Do you know how to manage your pastures to increase forage 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?

The Equine Environmental Stewardship short course is an exciting, four part educational series that provides practical hands-on experiences that will help farm owners develop the knowledge and skills necessary to adopt environmentally sound farm management practices.

**Who should attend?** Everyone that owns a horse, manages horses for others, or works with farm owners should attend this short course.

**Topics:**
- Rotating, Resting, and Reseeding Pastures
- Identifying Grasses, Weeds, and Toxic Plants
- Properly Fertilizing and Liming Soil
- Managing Pasture Weeds
- Properly Storing and Composting Manure
- Constructing Heavy Use Areas
- Complying with Manure and Nutrient Management Regulations

### Caring for the Geriatric and Aging Horse

**March 10, 2012—9:00AM–3:30PM**
**Best Western Conference Center**
**300 Gateway Drive, Bethlehem, PA 18017-9076**
**Cost: $45**

- Do you know how to feed and care for a debilitated horse?
- Do you know how to minimize the risk of metabolic disorders?
- Are you aware of the steps you can take to keep older horses comfortable and mobile?

A short course that provides the latest information on managing the health and well-being of geriatric and older performance horses.

**Who should attend?** This short course has been developed for barn managers, non-profit groups that care for older, rescued and/or neglected horses, and anyone that rides or cares for older horses.

**Topics:**
- Feeding the Geriatric and Aging Horse
- Metabolic Disorders Associated with Aging
- What 100 Years of Caring for Retired and Rescued Horses at Ryerss Farm has Taught Us
- Meeting the Physical and Emotional Needs of Geriatric and Neglected Horses
- Keeping Older Horses Comfortable and Mobile
- Planning Ahead—Knowing When to Let Go

### Featured Speakers:

**Parasite Puzzle:**
- Dr. Ed Jedzejewski, DVM
  Manager Penn State Equine Farm
- Dr. Michael Sukhdeo
  Rutgers University,
  Dept. of Environment & Natural Resources
- Dr. David Wolfgang, DVM
  Penn State Dept. of Veterinary Medicine
- Donna Foulk, Equine Extension Educator

**Equine Environmental Stewardship:**
- Ann Swinker, PSU Equine Extension Specialist
- Donna Foulk, Equine Extension Educator
- Cheryl Fairbairn, Extension Educator
  Agriculture, Livestock, Agronomy (Lehigh location)
- Dave Messersmith, Extension Educator
  Agronomy (Wayne Co. location)
- Dave Hartman, Extension Educator
  Agriculture, Livestock (Columbia Co. location)

**Caring for the Geriatric and Aging Horse:**
- Dr. Sarah Ralston, VMD
  Associate Professor, Animal Science, Rutgers University
- Lisa Shotzenberger
  Ryerss Farm for Aged Equines
- Dr. Ann Swinker
  PSU Equine Extension Specialist
- Dr. Jennifer Buchholz, VMD
  Blauner, Vecchione and Associates

For additional information about these courses visit:
http://bit.ly/YkCDn or contact
Donna Foulk: dlf5@psu.edu or 610-746-1970
AnnSwinker: axs15@psu.edu or 814-865-7810

To be added to the email list regarding the Equine Program Team offerings, contact Norma Young:
njy1@psu.edu