

Become a Penn State partner in our Equine Parasite Project!

Attend the short course and you may have the option to continue as a partner in a year-long parasite research project. Join us and see if you qualify for this exciting opportunity to help yourself, your farm, and your horse. As part of our team you will learn to conduct your own fecal egg counts and determine the effectiveness of the products you are using. Be part of a research project that will aid horse owners across the state!

Benefits to you, your farm and your horse...

- * Open the door to better parasite management on your farm.
- * Receive individualized assistance to develop a parasite management program.
- * Learn from Penn State specialists, educators and veterinarians.
- * Discover which horses have natural resistance and which shed eggs.
- * Save money on de-wormers that are not needed.
- * Effectively deworm horses with high parasite levels.
- * Determine which de-wormers no longer work for your horses.
- * Give your horse the opportunity to be the best athlete and partner he can be.

What is required if I participate in the research project?

Participants will be required to:

- ◆ Complete one of the short courses.
- ◆ Not deworm horses until you conduct the first fecal egg count.
- ◆ Select a fecal egg count monitoring site from the list provided. Sites will be equipped with microscopes, supplies and are staffed by trained team members.
- ◆ Collect manure samples from all the farm horses using the protocol provided.
- ◆ Identify high & low shedders by conducting fecal egg counts on all farm horses 3 times a year on the established dates.
- ◆ Supply extra help if there are 6 or more horses on the farm.
- ◆ Deworm moderate to high shedders with the product provided.
- ◆ Re-check fecal egg counts 2 weeks after deworming to evaluate product effectiveness.

PARTICIPANTS ARE ENCOURAGED TO INVOLVE THEIR VETERINARIANS IN THIS PROJECT.



Registration

Registration closes 1 week prior to short course
Short Course Registration Fee is \$45.00 Fecal Egg Count Program is FREE

Name: _____
Farm Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone Number: _____ E-mail: _____
Type of Operation: _____

Please do not deworm horses until you conduct the first fecal egg count

Short Course Program Selection

All Programs will run from 9:00 am-3:30pm
Lunch will be provided

Registration will start at 8:30am

- _____ Tuesday March 8, 2016
Best Western Conference Center,
Bethlehem
- _____ Saturday March 12, 2016
Delaware Valley College,
Doylestown
- _____ Saturday March 19, 2016
York County Extension Office,
York

Checks Payable to:
Northampton County PSCE Account
\$45.00 Registration Fee
Send to:
Penn State Extension Northampton County
14 Gracedale Ave
Greystone Building
Nazareth, PA 18064

Fecal Egg Count Locations

Mark your 1st & 2nd Choice

- _____ Delaware Valley College
700 E. Butler St., Doylestown
4:00 pm - 7:00 pm; 3/24, 6/16, & 9/8
- _____ Northampton County Extension Office
14 Gracedale Ave. Nazareth
12:00 pm - 6:00pm; 3/15, 6/7, & 9/6
- _____ York County Extension Office
112 Pleasant Acres Rd., York
4:00 pm - 7:00 pm; 4/4, 6/24, & 9/12
- _____ Lancaster County Extension Office
1383 Arcadia Rd., Lancaster
11:00 am - 2:00 pm; 4/4, 6/24, & 9/12
- _____ Berks County Agriculture Center
1238 County Welfare Rd. Leesport
12:00 pm - 2:00 pm; 3/31 6/23, & 9/13
- _____ Lehigh County Extension Office
4184 Dorney Park Rd., Allentown
5:00 pm - 7:00 pm; 3/31, 6/23, & 9/13

Short Course Topics for Discussion

Facts & Foley About Intestinal Parasites

- ◆ Understanding parasite life cycles
- ◆ Types of gastrointestinal parasites
- ◆ Effects on health and performance of the horse
- ◆ Resistance –how does it happen & how did we get here?
- ◆ Are there resistant parasites on your farm? Should you worry?
- ◆ Control Options



Waging War on Parasites

- ◆ Parasite levels in pastures and dry lots
- ◆ Enhancing pasture quality to reduce parasite exposure
- ◆ Effects of temperature, freezing, moisture, and energy reserves on parasite development and persistence in pastures
- ◆ To harrow or not to harrow
- ◆ Proper composting of manure

Joining our battle

- ◆ Fecal egg counts as an important tool for managing parasites
- ◆ What fecal egg counts can and cannot tell us
- ◆ Cases studies from the 2015 Parasite Partners
- ◆ How you can join our Parasite Partner Team



Conducting Your Own Fecal Egg Counts

- ◆ Learning to do your own fecal egg counts is easy and fun
- ◆ Feel free to bring 1 or 2 of your horses samples to practice with
- ◆ Please do not bring more than 2 samples we will not have enough time to do more

Follow these directions to collect your fecal samples

1. Collect 3-4 fecal balls from the floor of a clean stall.
2. It is very important that the samples are as fresh as possible
3. Collect a sample from each individual horse in a plastic bag and seal all of the air out. Label each bag with the horse's name.
4. Avoid exposing sample to temperatures above 100 degrees Fahrenheit at any time.
5. Do not let sample freeze.
6. Refrigerate or put sample in cooler with ice packs immediately.
7. Sample needs to be "normal" manure. Diarrhea will not give accurate results.

For more information

Please Contact:

Donna Foulk dlf5@psu.edu or
Heather Stofanek
haf10@psu.edu

<http://extension.psu.edu/animals/equine>

Short Courses & Fecal Egg Count Meetings Partially Funded By:



An OUTREACH program of the College of Agricultural Sciences

Penn State College of Agricultural Sciences research and extension programs are funded in part by Pennsylvania counties, the Commonwealth of Pennsylvania, and the U. S. Department of Agriculture.

Visit Penn State Extension on the web: extension.psu.edu

Where trade names appear, no discrimination is intended, and no endorsement by Penn State Cooperative Extension is implied.

Penn State encourages persons with disabilities to participate in its programs and activities. If you anticipate needing any type of accommodation or have questions about the physical access provided, please contact Heather Stofanek 610-746-1970 in advance of your participation or visit.

This publication is available in alternative media on request.

The Pennsylvania State University is committed to the policy that all persons shall have equal access to programs, facilities, admission, and employment without regard to personal characteristics not related to ability, performance, or qualifications as determined by University policy or by state or federal authorities. It is the policy of the University to maintain an academic and work environment free of discrimination, including harassment. The Pennsylvania State University prohibits discrimination and harassment against any person because of age, ancestry, color, disability or handicap, national origin, race, religious creed, sex, sexual orientation, gender identity, or veteran status. Discrimination or harassment against faculty, staff, or students will not be tolerated at The Pennsylvania State University. Direct all inquiries regarding the nondiscrimination policy to the Affirmative Action Director. The Pennsylvania State University, 328 Boucke Building, University Park, PA 16802-5901: Tel 814-865-4700/V, 814-863-1150/TTY.



PennState Extension

Learn to Manage Parasite Resistance on Your Farm

*.....be a partner in our
Penn State parasite
research project....*



Short Course Dates:

All courses are from 9:00 am-3:30 pm

March 8, 2016

Best Western Conference Center

300 Gateway Dr.

Bethlehem, PA 18017

March 12, 2016

Delaware Valley College

700 East Butler St.

Doylestown, PA 18901

March 19, 2016

York County Extension Office

112 Pleasant Acres Road

York, PA 17402-9041