

PENNS^TATE



Ag Progress Days

PROGRAM GUIDE

August 12–14, 2014

Russell E. Larson Agricultural Research Center
Rock Springs, PA

Tuesday 9:00 a.m.–5:00 p.m.

Wednesday 9:00 a.m.–8:00 p.m.

Thursday 9:00 a.m.–4:00 p.m.

apd.psu.edu



Welcome!

Welcome to the Russell E. Larson Agricultural Research Center and Ag Progress Days! We're glad to have this annual opportunity to visit with colleagues and share the many exciting advancements in agriculture and related fields with our friends, partners, stakeholders, and the public.

As you explore the many exhibits and take part in the tours, workshops, and other activities, you'll get a firsthand look at the research, extension, and educational programs conducted by your land-grant university.

It sounds cliché to say that an event has something for everyone, but we believe that's true with Ag Progress Days. After all, we all have to eat, and the chance to come here and learn about the science, technology, and methods that lead to our wide variety of abundant food makes this event relevant to all.

If you're a grower or producer, you can find information, goods, and services that you can use to improve your crop or livestock operation. If you're a home gardener, you can get advice on plant varieties, pest problems, and pollinator-friendly gardening from Penn State Master Gardeners. If you're a "foodie," you can watch food demonstrations highlighting nutritious, easy-to-prepare dishes.

If you're a history buff, you can learn about our agricultural and rural heritage at the hands-on Pasto Agricultural Museum. If you're a woodlot owner, you can find out how to manage your tract for wildlife habitat, timber, or other uses.

If you're a young person, you can climb a tree like an arborist, see insect collections and live chicks, and discover what 4-H can offer. And if you're hungry, there are plenty of nonprofit and commodity group vendors ready to serve you a slice of Pennsylvania's bounty.

Finally, if there's anything we can do to make your visit more enjoyable, our faculty and staff are here to assist. Thanks for coming!

Barbara J. Christ

Barbara J. Christ, interim dean
Penn State College of Agricultural Sciences



**Future dates for Ag Progress Days
are August 18, 19, and 20, 2015.**



New for 2014

Presentations and Displays

Joseph D. Harrington Crops, Soils, and Conservation Building

View the "Living Furniture" display and speak with a team of Penn State students who won the 2012 Ag Springboard Competition. Discuss their interest in aquaponics and vertical farming practices. Learn how entrepreneurship and innovation support is educating students to transform ideas into real-world products for the marketplace.

Farm Family Learning Center Building

Visit the new Farm Family Learning Center Building, sponsored in part by Farm Family Casualty Insurance Company, Glenmont NY and American National Property And Casualty Company of Springfield, MO. The building dedication is scheduled for Tuesday at 11:30 a.m. at the entrance facing Main Street. Throughout the day Tuesday, explore new alternative energy opportunities, get updates on shale development, and discuss managing riparian zones during presentations from Penn State Extension, government agencies, and invited exhibitors.

Family Room Building

Visit the Family Room and experience interactive exhibits that focus on family health and safety. Meet DB Pest as he welcomes visitors to play a variety of games. View demonstrations on basic first aid tips and learn to create delicious meals.

The Equine Demonstrations

See a demonstration with draft horses and oxen, showing how they provided the power for agriculture in the past. Norwegian Fjord Horses and Australian Stock Horses will also be featured. In addition, horses that will be part of the 100-day Mustang Challenge in late August will perform on Wednesday evening. This year's seminar topics include identifying parasites and horse trailering motor vehicle laws.

College Building Theater Presentations

Learn about what's new in agriculture. Hear perspectives on how to navigate the risks and benefits of farmer-generated data. Participate in discussions on the 2014 Farm Bill with government officials, industry representatives, and educators. Leading extension specialists will present insights on animal and poultry handling, water management, insects, and garden tips.

College Building Exhibit of Department of Animal Science

Walk in the beef cattle chute, birth a calf, visit the chicken coop, and watch robots milk cows...all in the new Department of Animal Science's display in the College Building. Agricultural producers will find great benefit in the latest research and technology displays, including robotic milking, poultry bedding, livestock handling, and parasites. Experts in poultry, livestock, meat science, and dairy will be available to answer your questions and provide hands-on demonstrations.

Hospitality

Ag Council's Mushroom booth moved more centrally to West 8th and Main Street, and the PA Cattleman's Association has a new pavilion structure on West 8th Street. Courtesy golf carts and Ag Progress Day's t-shirt sales have relocated to the Ag Alumni Pavilion on West 11th across from the Special Events Building.

Demonstrations and Tours

Equipment Demonstrations

Attend the field machinery demonstrations showcasing new tractors, air seeders, drills, and planters as well as mowers, balers, tedders, and hay handling equipment at various times during the show. This year's new field demonstrations at Ag Progress Days will feature inter-seeders high residue attachments at 11:30, then air seeders, drills and planters at 12:30 p.m. daily. Visit our ride-and-drive location in front of West 1st Street to view the state-of-art sprayers and tractors for large-scale farming operations provided by commercial exhibitors.

General Information

ATM machine: Located in the Ag Choice Building at the corner of Main and West 6th Streets.

Disability service: Golf carts, courtesy of Lancaster Farming, will be available at the Ag Alumni Pavilion on West 11th Street and Main Street. They are made available on a first-come, first-served basis for two-hour increments to individuals with medical needs. A limited supply of scooters will be available for rent from T & B Medical on West 9th Street.

Information booth: Located at Main Street and across from West 10th Street.

Lost-and-found items are kept at the Information Booth. Lost children (or parents) should contact security personnel on the grounds or report to the Information booth.

Medical services: A first aid station is located in the headquarters (white farmhouse) at Main and West 10th Streets. Emergency medical technicians and an ambulance are on site during show hours. Access emergency assistance by dialing 911 or contact security personnel on site.

Portable toilets and hand-washing stations are located throughout the grounds (see map on page 8). Handicap facilities and infant changing tables are available in the Special Events Building restrooms, except during events restricting access.

Recycling: Use the blue recycling containers throughout the grounds. These containers are for plastic bottles and mixed paper. Please support Penn State's recycling efforts.

Ag Progress Days T-shirts: Visit the Ag Alumni Pavilion at West 11th Street and Main Street to purchase a shirt and support Penn State's College of Ag Sciences' United Way Campaign.

Pets are not permitted in University buildings or tents and should be leashed and under control by their owners if on the show grounds. Owners are required to clean-up after their pets.

DISCLAIMER: *Machinery, equipment, products, and services provided are for educational purposes. Their presence does not imply endorsement or recommendation by Penn State.*

Conservation Education Area and Demonstration Plots Soil Health Education Program

Learn what healthy soil is, why it's important, and what you can do to manage soil health through exhibits, demonstrations, and tours hosted by USDA, Penn State, and other partners. Visit the new soil pit demonstration area on Harrington Lane and East 6th Street. Meet with the NRCS staff on Tuesday at 1:30 p.m., Wednesday at 10:00 a.m. and 1:30 p.m., and Thursday at 10:30 a.m. at the demonstration site.

Summer Annuals, Crop Demonstration Plots

Come see various brassica species and summer annual grasses to learn how these species can be mixed to provide optimal diversity on your farm. Attend talks at 9:00 a.m. and 1:00 p.m. daily at the Conservation Exhibit Area on Harrington Lane. See more than 20 cover crop species and mixtures planted in the field and discuss with experts the impacts on crop yield.

Penn State's Cover Crop Field Machinery and Exhibitor Cover Crops Demonstration Plot

Discover the cover! Visit the newly designed cover crop demonstration plot and join Penn State and several exhibitors at 11:30 a.m. daily to view inter-seeders, planters, and attachments being operated in the field.

Yard and Garden Area

Visit Penn State's Entomology Department Extension team's new exhibit where experts will answer your insect questions as well as identify insects for you. Get updates on the health of pollinators from extension and representatives of the Pennsylvania State Beekeepers Association, who will feature observation and demonstration hives again this year.

Pasto Museum

Cooperative Extension celebrates 100 years of impact with special exhibits throughout the museum. At the top of Main Street, see history in action as Friends of Ohio Barns, in collaboration with the Preservation Trades Network and the Timber Framers Guild, will demonstrate tools and techniques for hand-hewn timber, hand-riven pegs, and a timber frame that will be raised mid-day on Thursday. The Annual Silent Auction is bigger than ever—help support the work of the museum and bring home a bit of history!

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The College of Ag Sciences

If You Think You Know the College of Ag Sciences . . . Think Again

Ag Alumni Pavilion

West 11 Street and Main Street

This is the new location of the courtesy golf carts sponsored by Lancaster Farming. The official Ag Progress Days t-shirt, benefiting the College's United Way Campaign efforts, will also be for sale while supplies last.

PA One Stop/AgMap

West 10th Street

Visit PA One Stop to learn about our online tools to help farmers meet regulatory requirements for erosion and sediment plans and nutrient management planning. At the same exhibit, find information on landscaping services, farmers' markets, mulch, organic farming, pest management, and fresh produce. Find out about a quick, easy, and free way to search for businesses, supplies, services, and advice close to your home, and learn how to list your business on the AgMap website.

Pasto Agricultural Museum

Main Street between East 9th and Red Barn

See and touch tools and equipment used in early agriculture and rural life. Understand early technological developments in agriculture through the 1930s. Appreciate a time when energy for work was supplied by the power of humans and domesticated animals. Visit special exhibits that highlight the Centennial of Cooperative Extension. Watch timber framing demonstrations with traditional tools and methods. The Pasto Agricultural Museum is where we connect the history of agricultural science and technology to the present day.

Support the museum by bidding on something special in our Annual Silent Auction! The museum will hold a silent auction on Tuesday and Wednesday, with more than 200 items available for bid or cash-and-carry purchase. Bids open on Tuesday at 9:00 a.m. and close promptly at 3:00 p.m. on Wednesday.

College Exhibits Building and Theater

Main Street between West 9th and West 10th Streets

Discover the teaching, research, and extension presence behind the work in the Department of Animal Science in poultry, livestock, meat science, and dairy. Experts in each of these areas will be available to answer your questions and present hands-on demonstrations. Agricultural producers will find great benefit in the latest research and technology displays including robotic milking, poultry bedding, livestock handling, and parasites. The Department of Veterinary and Biomedical Sciences will also be on hand with demonstrations and expert answers.

Visit the Pennsylvania State 4-H booth for information on how you can get involved with 4-H, the world's largest youth organization, in your home county. Be part of a community of young people across America learning leadership, citizenship, and life skills!

And for future students...Did you know there are more job openings in agriculture and related fields each year than qualified graduates to fill them? Visit the College Building to learn about College of Ag Sciences programs in animal, biomedical, plant, environmental, and social sciences. Faculty and staff will be available to answer questions and provide information to prospective students and their families. Where can your education take you?

Theater Presentations

College Exhibits Building

Listen to a variety of short presentations to learn about what's new in agriculture. Participate in discussions on the 2014 Farm Bill with government officials, industry representatives, and educators. Help develop a new tool to manage riparian zones on grazing lands. Hear perspectives on how to navigate the risks and benefits of farmer-generated data. Leading extension specialists will present insights on animal and poultry handling, improving insect habitats, reclaiming rainwater, and managing ponds. See schedule below for specific topics and times.

Presentations

All presentations will occur in the Theater of the College Exhibit Building, unless otherwise noted.

Tuesday	
9:45 a.m.	Riparian Conservation Planning Tool — <i>Ray Bryant, USDA-ARS</i>
10:30 a.m.	Farmer-Generated Data: Benefits and Risks — <i>Panel of Experts Sponsored by Lancaster Farming</i>
12:00 p.m.	Making Data Work for Your Ag Business — <i>Rob Gooding</i>
12:45 p.m.	Collecting Data to Manage Private Water Supplies — <i>Bryan Swistock</i>
1:30 p.m.	Farmer-Generated Data: Benefits and Risks — <i>Panel of Experts Sponsored by Lancaster Farming</i>
2:45 p.m.	Reducing Animal Stress With Better Handling Techniques — <i>Melanie Barkley</i>
3:00 p.m.	On-Farm Animal Composting Tour — <i>Elizabeth Santini</i> (presented in the Red Barn)
Wednesday	
12:15 p.m.	Successfully Raising a Small Flock of Chickens — <i>Phillip Clauer</i>
1:00 p.m.	Small-Scale Poultry Processing Methods for a Quality Food Product — <i>Alina Corey</i>
1:45 p.m.	Farm Bill 2014 Dairy Margin Protection: Now and for the Future — <i>Heather Weeks</i>
2:30 p.m.	Public Forum on 2014 Farm Bill and State of Agriculture in Pennsylvania — <i>Congressman Glenn Thompson & PDA Secretary George Greig</i>
2:45 p.m.	On-Farm Animal Composting Tour — <i>Elizabeth Santini</i> (presented in the Red Barn)
Thursday	
9:30 a.m.	Building and Operating a Home Vegetable Irrigation System — <i>Steve Bogash and Amy Galford, Penn State Extension</i>
10:30 a.m.	Managing Your Pond and Lake — <i>Bryan Swistock</i>
11:00 a.m.	Aquatic Invaders in Your Pond — <i>Diane Oleson</i>
11:30 a.m.	Ag Springboard Competitor, Green Tower — <i>Jon Gumble</i>
Noon	Preserving Beneficial Predators in the Home Garden — <i>Mary Barbercheck and Jermaine Hinds</i>
12:30 p.m.	Making your Backyard a Palace For Pollinators — <i>Maryann Frazier</i>
1:00 p.m.	Green Gardens, Clean Water: Best Practices for Managing Our Rainwater — <i>Vincent Cotrone</i>
1:45 p.m.	Pollinator Friendly Garden Certification — <i>Connie Schmotzer</i>

The Equine Experience

Main Street above the Special Events Building

The Equine Experience, presented by Penn State's Equine Science program, features demonstrations, exhibits, workshops, and seminars on equine-related topics. The Main Horse Arena showcases horse-training demonstrations, breed clinics, and drill teams, along with a Percheron draft horse hitch. New this year are demonstrations with Norwegian Fjord Horses and Australian Stock Horses. The Power of Early Agriculture, a live side-by-side comparison of draft horses and oxen, will be presented every day.

Main Horse Arena Events

	Tuesday	Wednesday	Thursday
9:30 a.m.		Miniature Horses	
10:15 a.m.			Racing Games: Nez Perce Stake Race — <i>Keystone Appaloosa Horse Club</i>
10:00 a.m.	The Rambling Riders 4-H Mounted Drill Team	The Amazing Fjord Horse — <i>Gina DiSantis, Let's Dance Dressage</i>	
10:30 a.m.	Keystone Dressage and Combined Training Drill Team	Paso Fino Horses — <i>Rick Shaffer, R&S Paso Finos</i>	
11:00 a.m.	Thoroughbred Horses: More than Racing — <i>Cheryl Keller, New Vocations</i>		Australian Stock Horses — <i>Erin Smoyer, Keystone Stud</i>
11:30 a.m.	Bee Tree Trail Percherons — <i>Dave Rohrbach</i>	Bee Tree Trail Percherons	Bee Tree Trail Percherons
12:30 p.m.	Miniature Horses — <i>Capital Area Therapeutic Riding Assoc. Youth Ambassadors</i>	4-H Working Western and Cutback — <i>4-H Team Horsepower</i>	Miniature Horses
1:00 p.m.		Training the Young Horse	
1:15 p.m.	Training the Young Horse — <i>Brian and Ashleigh Egan, Penn State</i>		Racing Games: Camas Prairie Stump Race — <i>Keystone Appaloosa Horse Club</i>
1:45 p.m.		PA State Police Mounted Patrol	
2:00 p.m.	PA State Police Mounted Patrol		Draft Animals: The Power of Early Agriculture
2:30 p.m.		Draft Animals: The Power of Early Agriculture	
2:45 p.m.	Ponies! — <i>Sharon Jodon, Jodon's Stables</i>		Australian Stock Horses
3:15 p.m.		Paso Fino Horses	Racing Games: Rope Race — <i>Keystone Appaloosa Horse Club</i>
3:30 p.m.	Thoroughbred Horses: More than Racing		
4:00 p.m.	Draft Animals: The Power of Early Agriculture — <i>Darwin Braund and Dave Rohrbach</i>		
4:15 p.m.		The Amazing Fjord Horse	
4:45 p.m.	Keystone Dressage and Combined Training Drill Team		



Wednesday Evening Extravaganza

6:00 p.m. Salute to America — *Capital Area Therapeutic Riding Assoc. Youth Ambassadors*

6:15 p.m. Extreme Mustang Makeover — *Suzanne Myers, Next Level Horsemanship*

7:00 p.m. Bee Tree Trail Percherons — *Dave Rohrbach*

Equine Exhibits Building, Main Street and West 13th

View exhibits with information about equipment and facilities, equine diseases, health and nutrition, and stable management, highlighting Penn State's undergraduate education, extension, and research programs. Also visit the Pennsylvania Equine Council's Learning Station, where visitors can groom a horse. Penn State and equine industry professionals team up to offer seminars and demonstrations on a wide range of equine-related topics geared to all levels of horse knowledge and experience. Workshops cover new information on equine nutrition, pasture management, identifying parasites, arena footing, trailering laws, pest control, ticks, and hoof problems.

	Tuesday	Wednesday
10:00 a.m.	Motor Vehicle Laws: Is Your Truck and Trailer Legal? — <i>Richard Koontz</i>	No Horse? No Problem! Horseless Options in the PA 4-H Horse Program
11:00 a.m.	Matching Hay to the Horse's Needs — <i>Donna Foulk</i>	Ticks: What You Need To Know — <i>Jake Werner</i>
12:00 p.m.	Are Your Horses Safe: Identifying Parasites — <i>Dave Wolfgang</i>	Pest Control Near Horses — <i>Gregory Martin</i>
1:00 p.m.	Managing Riding Arena Footing and Dust — <i>Ann Swinker</i>	Horse Trailer 101 — <i>Rory Buckwalter</i>
2:00 p.m.	Are Weeds Taking Over Your Pastures? — <i>Donna Foulk</i>	Common Problems of the Horse's Foot — <i>Ed Jedrzejewski</i>
3:00 p.m.	Molds, Mycotoxins, and Botulism, Oh My! — <i>Robert Van Saun</i>	Tour of the Horse's Gastrointestinal Tract — <i>Burt Staniar</i>

Horse Quiz Bowl Competition will be held Thursday starting at 10:00 a.m. until completion or 4:00 p.m.

Family, Youth, Health and Safety Activities

The Family Room Building

Main Street between West 8th and West 9th Streets

Visit the Family Room and experience interactive exhibits that focus on family health and safety. Meet DB Pest as he welcomes visitors to the building. Come in and play mini games, watch food demonstrations, taste healthy foods and drinks, participate in a scavenger hunt, identify key benefits of purchasing health insurance, and learn household first aid tips. All exhibits are sponsored by University programs. Visitors will have the opportunity to talk with experts, gather information, and receive prizes.

Family Building Presentation Schedule

	Tuesday	Wednesday	Thursday
10:00 a.m.	Canning Salsa — <i>Martha Zepp/Martin Bucknavage</i>	Build a Basic Meal Packet — <i>Lynn James</i>	Relish Trays — <i>Jan Scholl</i>
11:00 a.m.	Strawberry Spinach Salad — <i>Laurie Welch</i>	Home First Aid — <i>Penn State Police Community Educ.</i>	Summer Squash and Snow Peas — <i>Debbie Berardi</i>
12:00 p.m.	Broccoli Salad with Creamy Dressing — <i>Karen Bracey</i>		Home First Aid — <i>Penn State Police Community Educ.</i>
1:00 p.m.	Orange Almond Salad — <i>Laurie Welch</i>	Build a Basic Meal Packet — <i>Lynn James</i>	Easy Stir Fry — <i>Jan Scholl</i>
2:00 p.m.	Canning Salsa — <i>Martha Zepp/Martin Bucknavage</i>		Fast Fruit Salad — <i>Debbie Berardi</i>
6:00 p.m.		Home First Aid — <i>Penn State Police Community Educ.</i>	

The 4-H Youth Building

Main Street between West 8th and West 9th Streets

Visit the fun and fascinating 4-H Youth Building for some interactive learning! Learn about insects as you hold them in your hands. Discover new facts about entomology, plant diseases, and pet rabbits. Work with fiber arts, check out the spiders, and make friends with a robot! Find out about the great opportunities 4-H has to offer in science, engineering, technology, citizenship, leadership, and healthy living. Meet members of the 4-H state officer team and the dairy princesses. Fun, games, activities, and prizes for all youth visitors who participate!

Kids' Climb

Main Street, across from the Equine Exhibits Building

Kids can safely climb 40-foot-tall trees with ropes and a harness, just like professional arborists. Times to climb are Tuesday, Wednesday, and Thursday from 9:00 a.m. to 12:00 p.m., Tuesday and Wednesday from 1:00 p.m. to 4:30 p.m., and Thursday from 1:00 p.m. to 3:00 p.m.

At the Show

Pennsylvania Department of Agriculture Building

West 11th Street

Stop in and learn about the Pennsylvania Department of Agriculture's (PDA) programs and services. Here you'll find ways to increase agricultural productivity, take steps to transition or preserve a farm, manage risk, take advantage of economic development opportunities, participate in the PA Preferred branding program, and access agricultural lesson plans—just some of the many ways PDA is keeping Pennsylvania growing.

Wildlife Exhibit/Shaver's Creek Environmental Center Tent

West 8th Street

Discussions and hands-on natural history exhibits give you a close look at native Pennsylvania wildlife species. Presentations featuring live turtles, snakes, and birds of prey occur every half hour on Tuesday from 10:00 a.m. to 4:00 p.m., Wednesday from 10:00 a.m. to 6:30 p.m., and Thursday from 10:00 a.m. to 3:00 p.m. Come and learn more about some of the animals you may see in your own backyard or during your adventures in Pennsylvania!

A-Maze-N Corn

Next to the Joseph D. Harrington Crops, Soils, and Conservation Building, end of East 5th Street

Up for some fun? Spend a few minutes—or several hours—wandering through the corn maze with your kids. This maze is accessible to wheelchairs and baby strollers.

Pedal Go Kart Derby

Main Street between West 8th and West 9th Streets

Bring your kids for some fun exercise. Kids supply the power for these go karts at the serpentine track. Times to pedal are Tuesday from 11:00 a.m. to 3:00 p.m., Wednesday from 11:00 a.m. to 4:00 p.m., and Thursday from 11:00 a.m. to 2:00 p.m.

Rural Health and Safety Tent

End of West 6th Street

(next to the Farm Safety Demonstration Area)

Receive free health screenings! Daily screenings and presentations include free vision tests from 9:00 a.m. to 4:00 p.m.; free blood pressure readings from 10:00 a.m. to 3:00 p.m.; personal protection equipment presentations at 11:00 a.m. and 2:00 p.m. (earn one core pesticide credit by attending a 30-minute presentation); and free tetanus shots on Wednesday starting at 10:00 a.m. (while supplies last). Visit the tent for additional information provided by local health service organizations.

Agricultural Safety and Health Tent

End of West 8th Street

(next to the Farm Safety Demonstration Area)

Learn about hazards related to agriculture and how you can reduce risks associated with them. Speak with farm safety and agricultural emergency management specialists about several types of farm safety programs and agricultural emergency response resources.

Pennsylvania Farm Safety and Health Quiz Bowl is a fun educational program to motivate youth to increase their awareness and knowledge of agricultural safety and health. Teams are composed of high school age 4-H and FFA youth. The event is the semi-finals with winners advancing to the State Finals at the PA Farm Show in January.

USDA/NRCS Education Programs

J.D. Harrington Building and Conservation Exhibit Area

Unlock the secrets in the soil through soil health displays, demonstrations, and tours hosted by USDA, Penn State, and other partners. Learn what healthy soil is, why it's important, and what you can do to manage soil health. See the difference between poorly functioning and healthy soils through live demonstrations. Learn about no-till planting, residue cover management, growing a living root year round, and the benefits of plant diversity to improve future profitability and resiliency to extreme conditions. Try out user-friendly online tools to generate custom soil inventory, conservation, and nutrient management plan maps and reports for meeting regulatory requirements. See the listing of tours and schedule of events on the grounds.

Crops, Soils, Plants, and Energy Conservation

Joseph D. Harrington Crops, Soils, and Conservation Building

East 5th Street

Through exhibits and demonstrations, learn how federal, state, and local agencies and private organizations work together to ensure the future of our natural resources. Get information on crops, pests, pollinators, and nutrient management; no-till agriculture; renewable and alternative energy; wood lot and forest management; sustainable agriculture; and organic farming. Specialists from Penn State and other organizations will answer your crop production, weed identification, and biofuel questions. See the state's best hay samples entered here in the hay show. Visit the conservation and wildlife displays. Enjoy the mist of the rainfall simulator and cool corn maze.

Yard and Garden Area

West 11th Street

Penn State Extension Master Gardeners will give advice and help you solve your plant and pest problems. **Flower-arranging demonstrations** will be given on Tuesday at 1:00 p.m., Wednesday and Thursday at 11:00 a.m. and 2:00 p.m. Pollinator gardening presentations will be held on Tuesday at 2:00 p.m. and Wednesday at 6:00 p.m. with a tour of the gardens at the tent.

The Potato Presentation features multiple potato varieties growing in the soil and freshly dug tubers. Whether you are a potato farmer or a backyard gardener, here's a chance to see some of the potato varieties grown in Pennsylvania plus some new varieties as well. Freshly harvested potato samples will be on display. Bring your potato growing questions to the Potato Tent.

Experts from the **Entomology Department** will be on hand to answer your insect questions as well as identify insects for you.

The Honey Bee Demonstration Area, located adjacent to the Yard and Garden Tent, will feature an observation beehive, equipment, and tools of the trade. Experts from the Pennsylvania State Beekeepers Association and Penn State Extension will be on hand to provide guidance and answer questions. For our more curious and adventurous visitors who'd like to gain a deeper understanding of beekeeping, a small bee yard in which to watch a beekeeper open the hives and talk about the honey bees' daily activities will be located up the hill from the Honey Bee Demonstration Area.

Marcellus Center

West 9th Street

Collect fact-based and timely information on issues related to Marcellus shale exploration, leasing, and drilling from Penn State Extension educators as well as commercial vendors.



Farm Family Learning Center Building

Main Street and E. 9th Street below the Pasto Museum

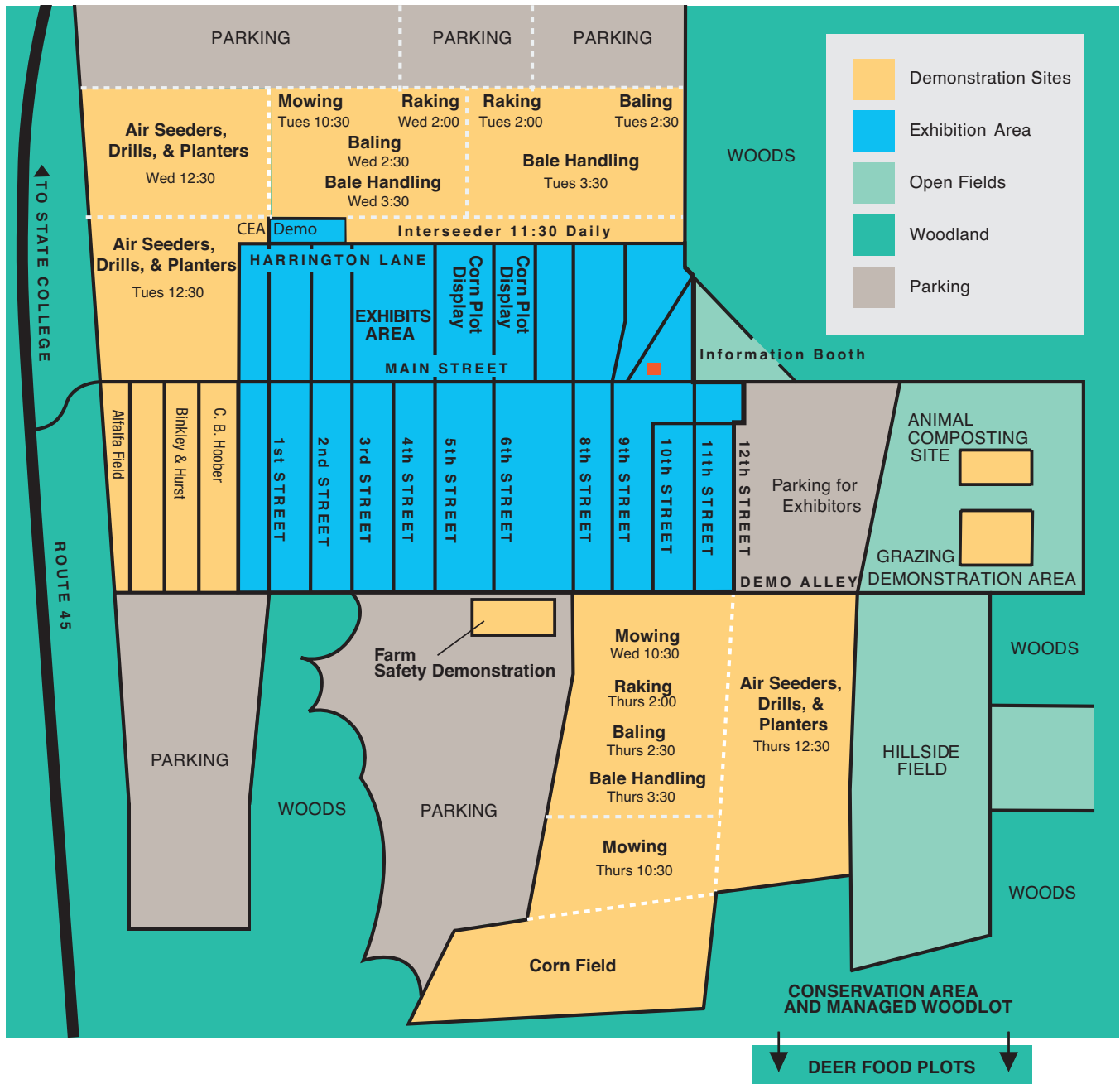
Continuing in the tradition of providing educational services and new information to the agricultural business community, the new Farm Family Learning Center Building will feature exhibitors and Penn State Extension educators presenting on topics such as energy conservation and regulation, shale energy development, on-farm renewable energy sources, and smart energy buying practices.

Industry and extension representatives will address land management issues, easements, leasing, and trends of royalty income. Current and proposed regulatory requirements will be discussed along with updates on energy policy. Thursday the framework for the new Riparian Conservation Planning Tool to provide maximum flexibility in managing riparian zones with USDA representatives will be discussed.

Energy Exhibitor Showcase

Tuesday	
Shale Energy Development: Considerations and Impacts for Rural PA	
9:10 a.m.	Pennsylvania Shale Royalty and Decline Curve Estimation — <i>James Ladlee, Penn State Extension</i>
9:30 a.m.	Marcellus Shale Today: the Good, the Bad, and the Ugly — <i>Bobby Brooks, Jr., U.S. Trust, Bank of America</i>
10:00 a.m.	Post-Leasing Issues for Landowners — <i>Dan Brockett, Penn State Extension</i>
10:30 a.m.	Negotiating Natural Gas Pipeline Easements in Agricultural Land — <i>Dave Messersmith, Penn State Extension</i>
11:00 a.m.	State of Energy — <i>Stephanie Catarino Wissman, Assoc. of Petroleum Industries of Pa.</i>
11:30 a.m.	Environmental Protection Regulations for Shale Gas Development — <i>Scott Perry, Deputy Sec., Office of Oil and Gas Mgmt., DEP</i>
Smart Energy Buying Practices and On-Farm Renewable Energy	
12:00 p.m.	Buying Energy in Today's Deregulated Energy Markets — <i>Ed Johnstonbaugh, Penn State Extension</i>
12:30 p.m.	Financing Your Agricultural Solar Investment — <i>Larry Beller, Paradise Energy Solutions</i>
1:15 p.m.	Making Fuel Pellets on the Farm — <i>Dan Ciolkosz, Penn State College of Agricultural Sciences</i>
1:45 p.m.	Update on the USDA Rural Energy for America (REAP) 2014 — <i>Amanda Hope, USDA</i>
2:20 p.m.	Beyond Energy: Alternative and Supplementary Markets for Biomass — <i>Sarah Wurzbacher, Penn State Extension</i>
3:00 p.m.	Update on the PA Alternative Energy Credit Market — <i>Ed Johnstonbaugh, Penn State Extension</i>
Wednesday	
9:00 a.m.	4H Farm Safety and Health Quiz Bowl Competition
1:00 p.m.	FFA Youth Farm Safety and Health Quiz Bowl
Thursday	
9:30 a.m.	Riparian Conservation Planning Tool — <i>Ray Bryant, USDA-ARS</i>
10:15 a.m.	Liability Loss Leaders in "Pick-Your-Own Fruit" Farms and Agri-Tainment — <i>Sean Vallely, Farm Family Insurance</i>

Machinery Demonstration Map and Schedule



Farm Safety Demonstration Area

End of West 8th Street

Specialists will demonstrate tractor overturn hazards and tractor-safety practices Tuesday and Thursday at 10:30 a.m., 12:30 p.m., and 2:30 p.m. Farm accident rescue simulations involving agricultural equipment, including demonstration of emergency scene stabilization and patient-extrication techniques, will occur Wednesday at about 11:00 a.m. and 1:00 p.m.

Field Machinery

See the map for daily locations.

View live demonstrations of the latest and best in production agriculture technology. Penn State faculty and company representatives will be on hand to answer questions. Times and locations of all demonstrations are subject to change due to weather conditions.

This year's new field demonstrations at Ag Progress Days will feature inter-seeders high residue attachments at 11:30, then air seeders, drills and planters at 12:30 p.m. daily. In this demo, you can see the newest technology on large air seeders, planters, and drills. Several of the major equipment companies will have units in the field for the producer to compare

them side by side in actual planting conditions. Visit our ride-and-drive location in front of West 1st Street to view the state-of-art sprayers and tractors for large-scale farming operations provided by commercial exhibitors.

10:30 a.m.	Alfalfa Hay Mowing
11:30 a.m.	Inter-seeder/High Residue Planter Attachments (<i>Harrington Ln</i>)
12:30 p.m.	Air Seeders, Drills, and Planters
2:00 p.m.	Hay Rakes and Tedders
2:30 p.m.	High-Moisture Alfalfa Hay Baling
3:30 p.m.	Bale Handling

Tours

Hands-on tours highlight various aspects of agriculture. Get a free ticket and board the bus at the corn crib at the top of Main Street. **There are a limited number of tickets available per tour, so stop by early to reserve your seat.** Note: walking and/or standing is involved once the bus arrives at the tour destination.

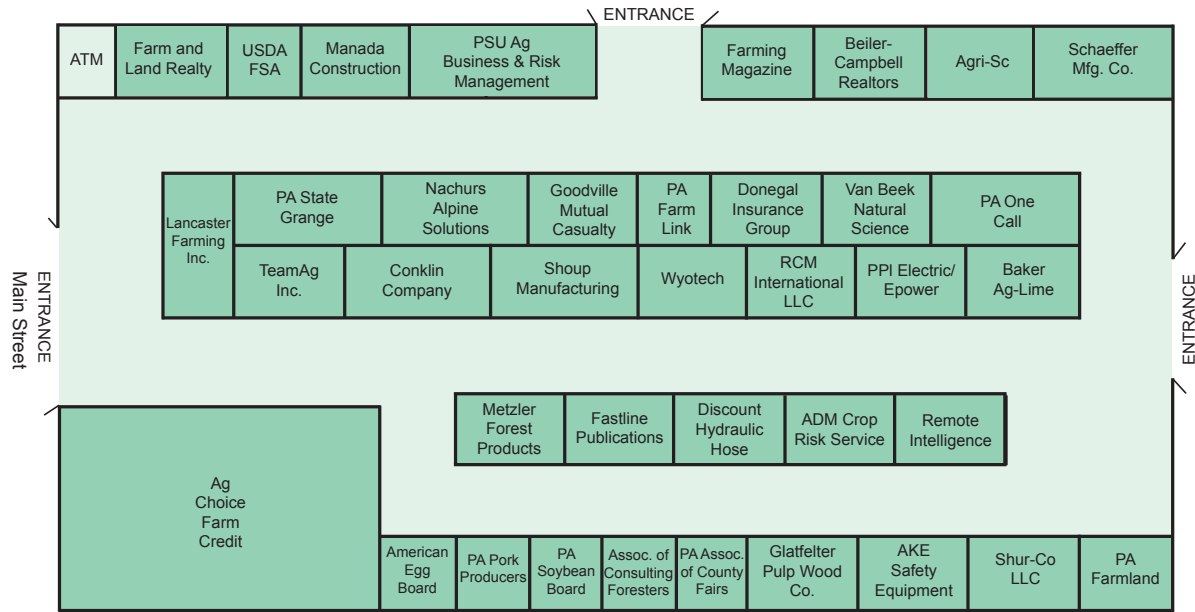
American Chestnut Foundation Plantings Tour (1.25 hr)	See American chestnut breeding orchards. Learn about the history and demise of the American chestnut tree, how to plant and maintain chestnut trees, and The American Chestnut Foundation's breeding program and volunteers working to restore the species.	Bus leaves daily at 10:00 a.m. and 1:00 p.m. with additional tours Tuesday at 3:30 p.m. and Wednesday at 3:30 p.m. and 5:00 p.m. <i>Note: walking/standing involved.</i>
Habitat Management for Deer and Other Wildlife Tour (1.5 hr)	This tour will focus on food plots and natural habitat management practices used on public or private property as part of a Quality Deer Management System to improve habitat for many wildlife species while producing healthier and larger deer. Visit habitat demonstration plots (with new features) in the woodlot and neighboring fields.	Bus leaves daily at 11:00 a.m. and 2:00 p.m., with an additional tour at 5:00 p.m. on Wednesday. <i>Note: walking/standing involved.</i>
High Tunnel Research and Education Facility Tour (1.25 hr)	The High Tunnel Research and Education Facility at Rock Springs demonstrates the most current production systems and horticultural crops that can be produced in high tunnels.	Bus leaves daily at 1:30 p.m. <i>Note: walking/standing involved.</i>
Management Tactics for High-Yielding Soybeans (1 hr)	Join us as we review some of the tactics necessary to create and sustain high soybean yields on Pennsylvania soils, including some of the sustainable practices for U.S. soybean production that will help us meet the growing local and worldwide demand for soybeans. We will be showcasing how no-till, cover crops, gypsum, high-yielding varieties, and pest and soil management can lead to improved soybean yields. This is part of an initiative sponsored by the United Soybean Board and in collaboration with The Ohio State University.	Bus leaves daily at 10:30 a.m. and 2:00 p.m. <i>Note: walking/standing involved.</i>
Pasture Management and Rotational Grazing Demonstrations (1.5 hr)	This tour will address real-world pasture management issues, specifically for equine and cattle, as well as highlight conservation practices that can support livestock on your farm or property while protecting natural resources. Observe materials and technologies that go into setting up paddocks or an exercise area for your animals. Hear about ways to maintain healthy grass and legume pastures and see first-hand the benefits of good pasture management for soil health. A hands-on live demonstration of components and methods involved in moving animals through a rotational grazing system will also be presented.	Bus leaves daily at 10:30 a.m., 12:30 p.m., and 2:30 p.m. <i>Note: walking/standing involved.</i>
PSU Deer Research Center Tour (2.5 hr)	Visitors can view live deer and various antler displays. Discussions will focus on deer biology and current research. Members of the Quality Deer Management Association will provide information on deer management. In the event of inclement weather, animals will be viewed from the bus and a slide show will be presented in the display room. <i>Note: Due to possible transmission of diseases to animals, certain restrictions apply.</i>	Bus leaves daily at 11:00 a.m. with additional tours Tuesday at 3:00 p.m. and Wednesday at 3:00 p.m. and 5:00 p.m.
Short Rotation Woody Crops for Biomass Tour (1 hr)	What are short rotation woody crops? How do they contribute to biomass feedstock? Why are they being promoted for marginal planting sites? What type of species should you grow and who will buy it? Tour includes a visit to a demonstration plot with fast-growing willow and poplar trees. Learn how to grow, harvest, and produce this crop as an alternative income opportunity that helps provide sustainable energy supplies.	Bus leaves at 12:00 p.m. <i>Note: walking/standing involved.</i>
Stream (Riparian) Buffers and Native Prairie Grasses Tour (1 hr)	What is a riparian buffer? How will it enhance your property and improve water quality in your community? Find out about the benefits of forested and grassed stream buffers as well as how to install and maintain them, see a prairie grass demonstration, and learn how to establish and maintain native grasses with wildflowers for wildlife habitat, biofuels, and more.	Bus leaves at 11:30 a.m. <i>Note: walking/standing involved.</i>
Woodlot Management Tour: Decisions and Actions (1.5 hr)	This year's tour will provide insights into a few of our management decisions and actions, in particular looking at treatments for young, pre-commercial stands. We will visit a recently thinned area where we are responding to ash mortality from emerald ash borer. A second stop will visit a young white pine stand that was thinned five years ago. A comparison of thinned and unthinned stands will be made. Invasive plants are a constant management concern on the woodlot. A stop will identify some particularly aggressive species and demonstrate some successful and unsuccessful treatments. Finally, we will see how a decision to cut birch firewood five years ago has changed the development path in one of our stands.	Bus leaves daily at 9:30 a.m. and 12:30 p.m. with additional tours Tuesday at 3:30 p.m. and Wednesday at 3:30 p.m. and 5:00 p.m. <i>Note: walking/standing involved.</i>

Ag Progress Days Area Map



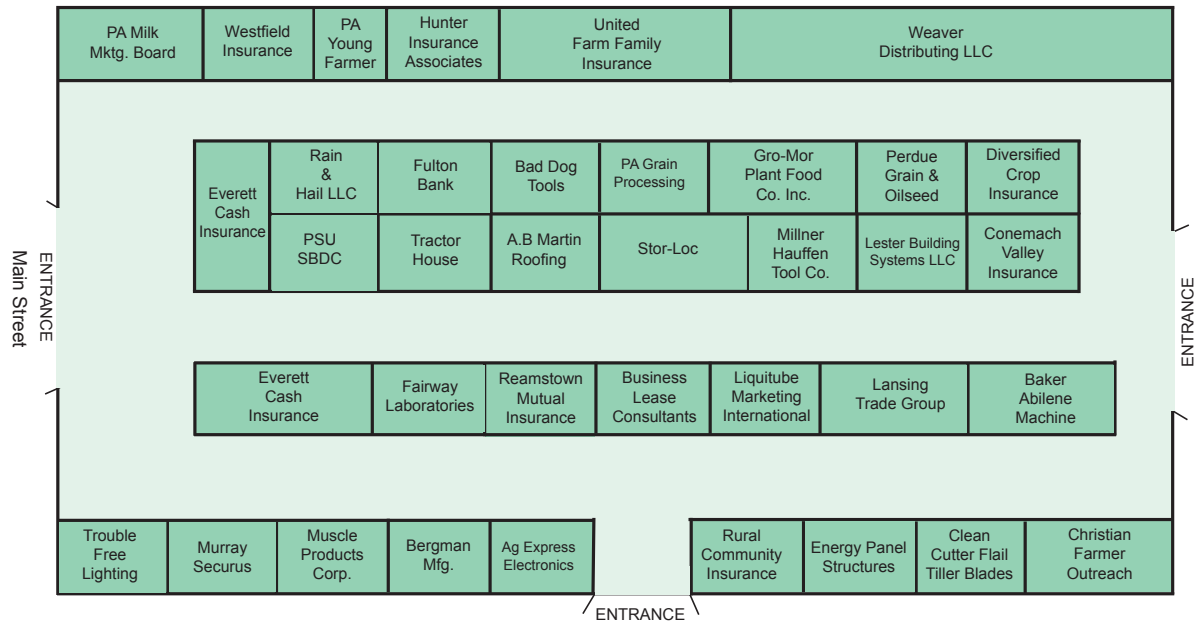
Building and Tent Maps

Ag Choice Building (West 6th and Main St.)

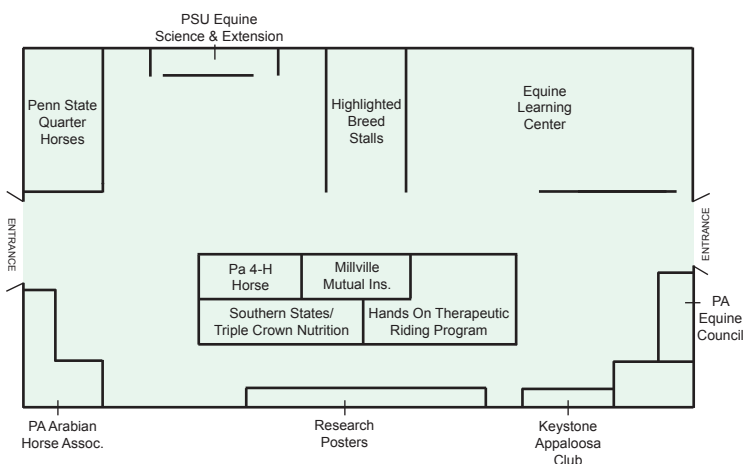


Everett Cash Mutual Building (Main St.)

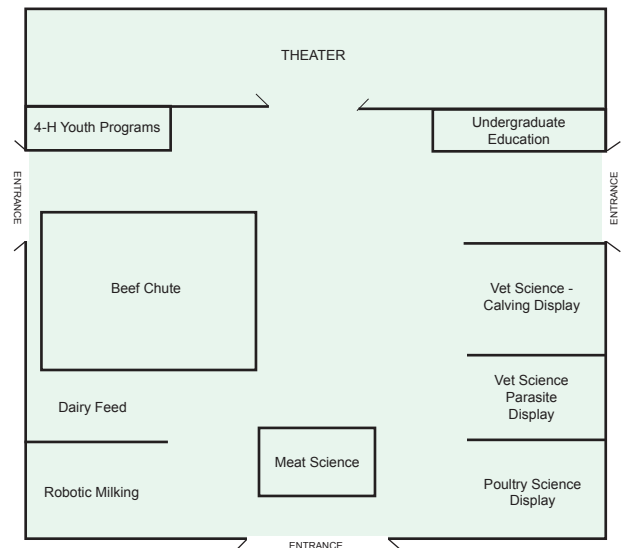
West 6th Street



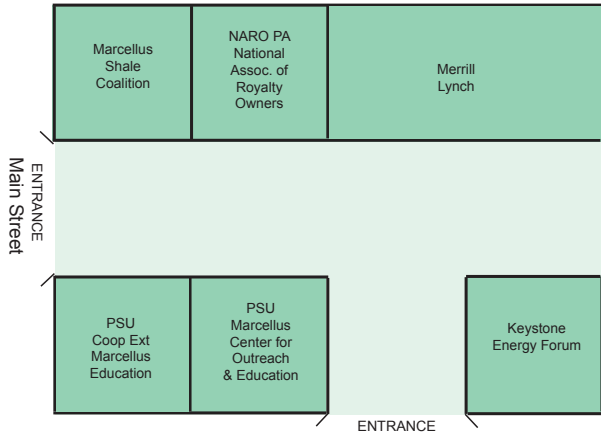
Equine Exhibit Building (W. 13th St.)



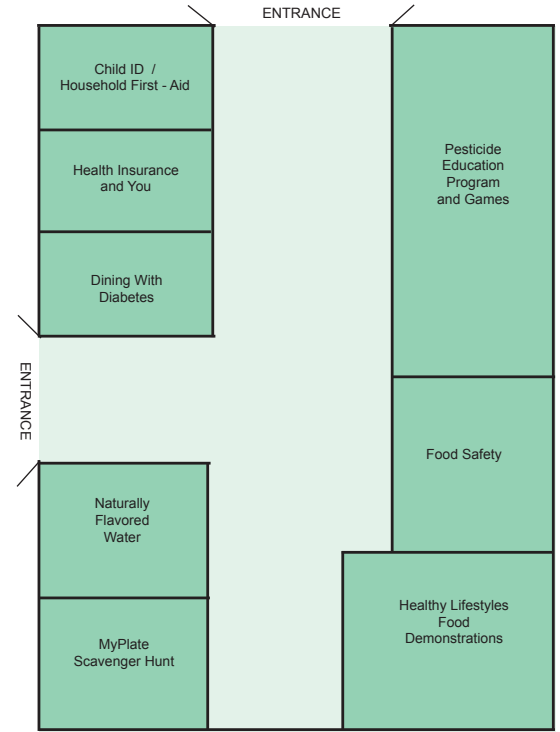
College Building (Main and W. 10th St.)



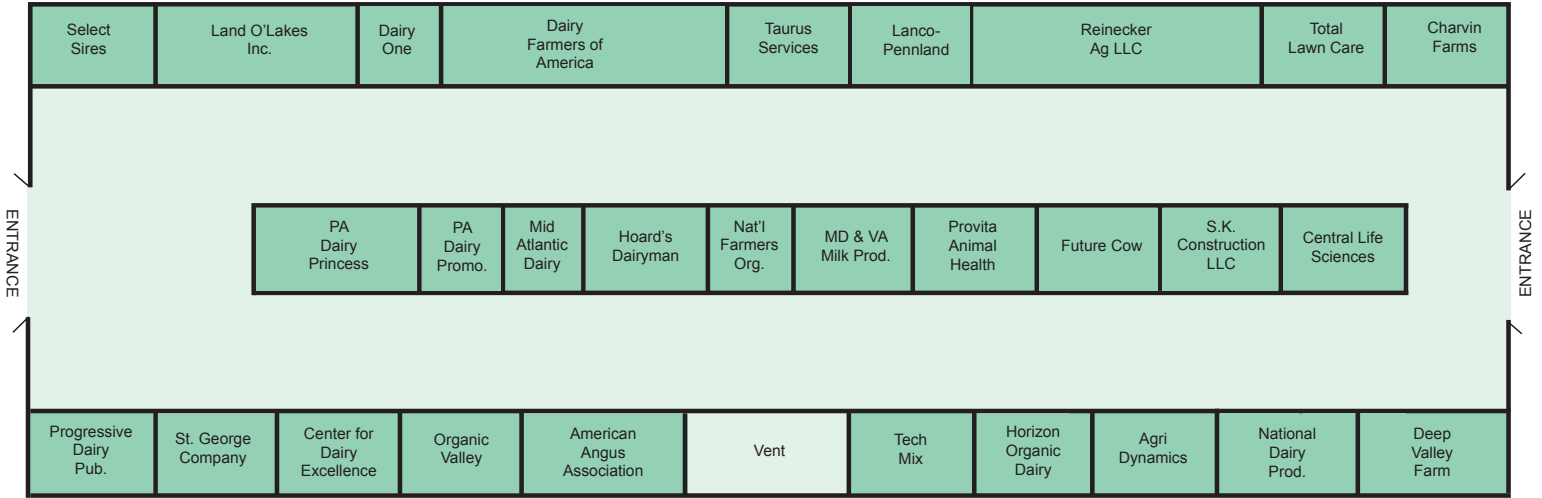
Marcellus Center (West 9th St.)



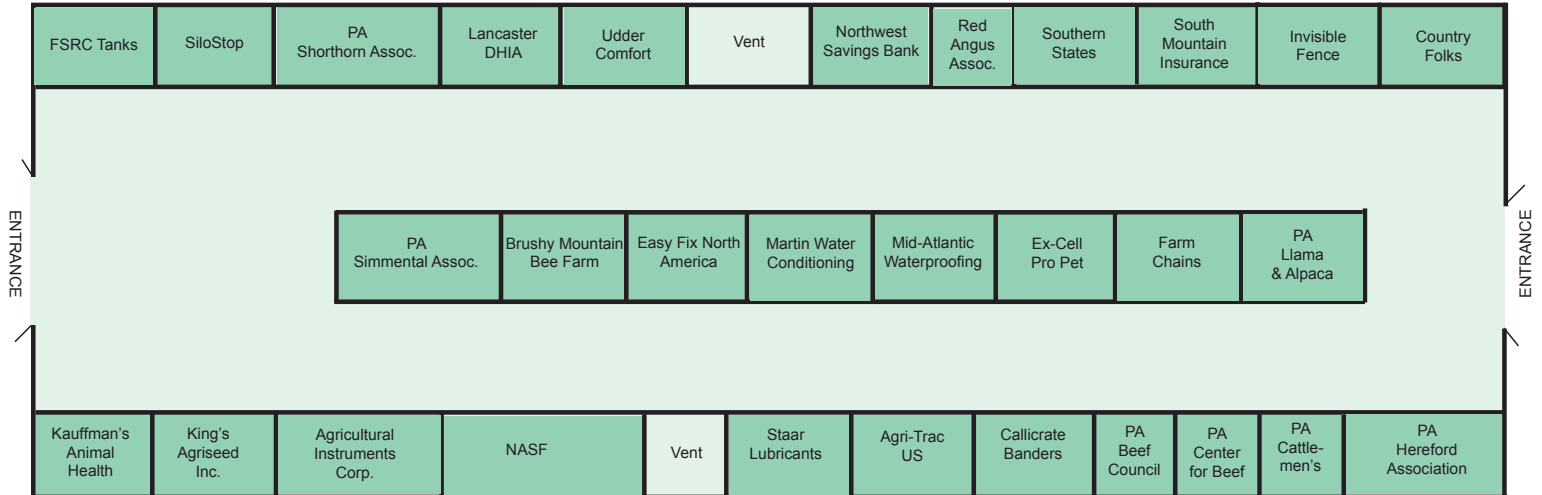
The Family Room Building (Main St.)



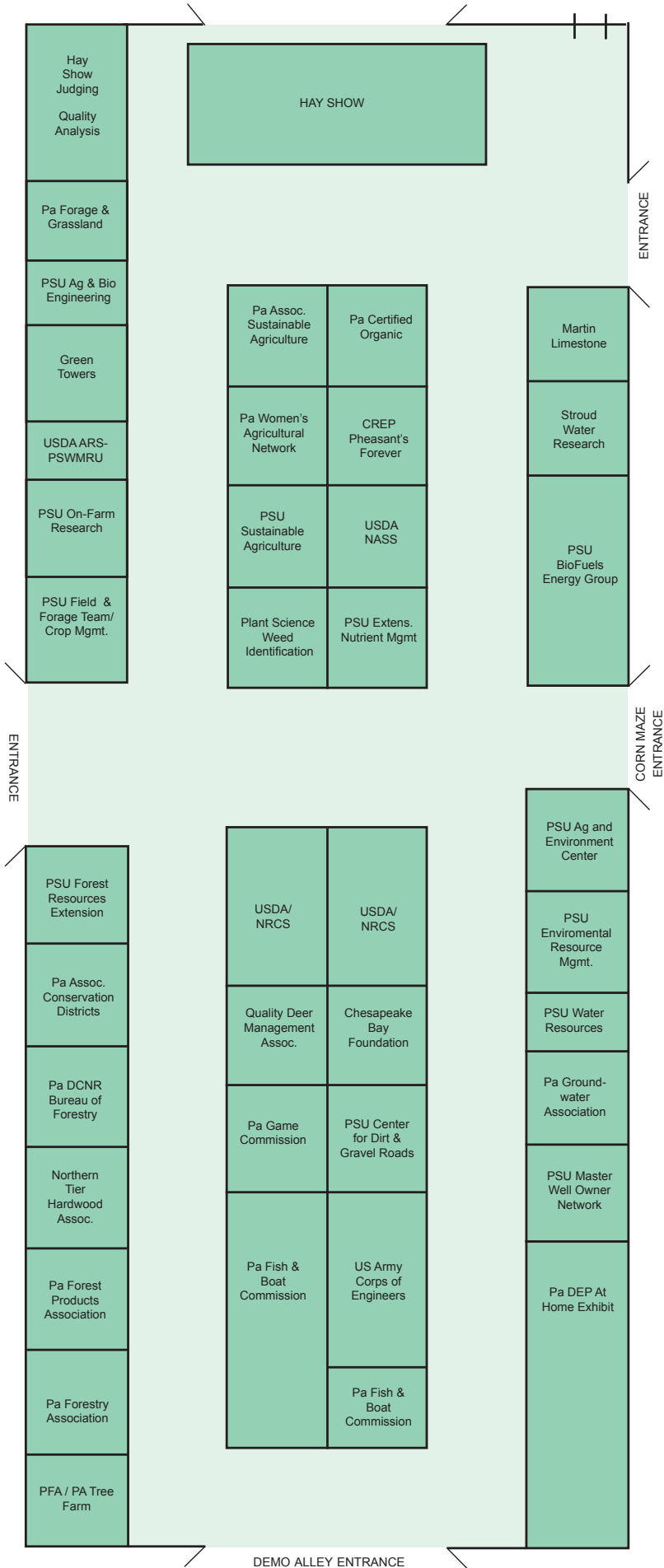
Dairy and Livestock Tent #1 (West 12th St.)



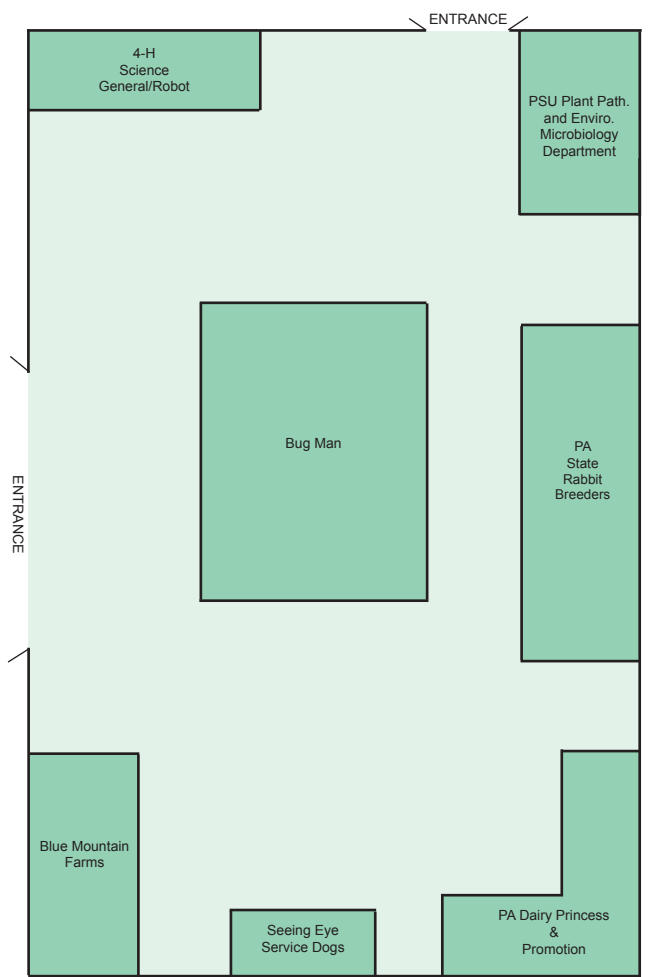
Dairy and Livestock Tent #2 (West 13th St.)



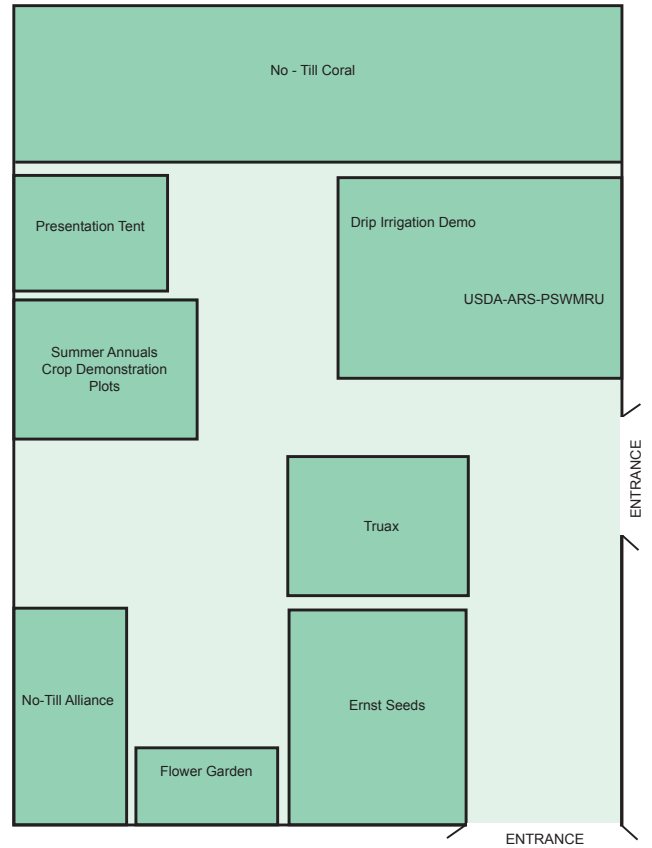
Joseph D. Harrington Building (East 5th St.)



The 4-H Youth Building (West 8th St.)



The Conservation Exhibit Area (East 5th St.)



Daily Schedule

Tuesday, August 12

- 9:00 a.m.** Kids' Climb (EEB)
Free Vision Tests (RHST)
Summer Annuals, Crop Demonstration Plot (CEA)
Sun Safety Demonstrations (RHST)
Arthritis Assimilation (RHST)
- 9:10 a.m.** Pennsylvania Shale Royalty and Decline Curve Estimation (FFLC)
- 9:30 a.m.** Marcellus Shale Today; the Good, the Bad, and the Ugly (FFLC)
Woodlot Management Tour: Decisions and Actions (CC)
- 9:45 a.m.** Riparian Conservation Planning Tool (CEB)
- 10:00 a.m.** The Rambling Riders 4-H Mounted Drill Team (MHA)
Turtles (SCT)
Free Blood Pressure Readings (RHST)
American Chestnut Foundation Plantings (CC)
Post-Leasing Issues for Landowners (FFLC)
Motor Vehicle Laws: Is Your Truck & Trailer Legal? (EEB)
Canning Salsa (FRB)
- 10:30 a.m.** Snakes (SCT)
Alfalfa Hay Mowing (FD)
Keystone Dressage and Combined Training Drill Team (MHA)
Management Tactics for High Yielding Soybeans (CC)
Pasture Management and Rotational Grazing Demonstration (CC)
Negotiating Natural Gas Pipeline Easements in Agricultural Land (FFLC)
Farmer Generated Data: Benefits and Risks (CEB)
Tractor Overturn Demonstration (FSD)
- 11:00 a.m.** Pedal Go Kart Derby (YB)
Birds of Prey (SCT)
Personal Protection Equipment Presentation (FSD)
Thoroughbred Horses: More than Racing (MHA)
Habitat Management for Deer and other Wildlife Tour (CC)
PSU Deer Research Center (CC)
State of Energy (FFLC)
Building Dedication-United Farm Family Insurance (FFLC)
Matching Hay to the Horse's Needs (EEB)
Strawberry Spinach Salad (FRB)
- 11:30 a.m.** Bee Tree Trail Percherons (MHA)
Stream (Riparian) Buffers and Native Prairie Grasses Tour (CC)
Environmental Protection Regulations for Shale Gas Development (FFLC)
Interseeders/High Residue Planter Attachments (FD)
- 12:00 p.m.** Short Rotation Woody Crops for Biomass Tour (CC)
Buying Energy in Today's Deregulated Energy Markets (FFLC)
Making Data Work for your Ag Business (CEB)
Are Your Horses Safe: Identifying Feed Related Toxins (EEB)
Broccoli Salad with Creamy Dressing (FRB)

Key to Daily Schedule Abbreviations

CEB College Exhibits Building Theater	MC Marcellus Center
CC Corn Crib	MHA Main Horse Arena
CEA Conservation Exhibit Area	PAM Pasto Agricultural Museum
ECM Everett Cash Mutual	PDA Pennsylvania Dept. of Agriculture
EEB Equine Exhibits Building	RB Red Barn
FD Field Demo (Harrington Lane or Demo Alley)	RHST Rural Health and Safety Tent
FFLC Farm Family Learning Center	SCT Shaver's Creek Environmental Center Tent
FRB Family Room Building	SHA Small Horse Arena
FSD Farm Safety Demonstration Area	YB Youth Building
JDHB Joseph D. Harrington Crops, Soils, and Conservation Building	YGT Yard and Garden Tent

- 12:30 p.m.** Financing Your Agricultural Solar Investment (FFLC)
Amphibians (SCT)
Miniature Horses (MHA)
Air Seeders, Drills and Planters (FD)
Pasture Management and Rotational Grazing Demonstration (CC)
Woodlot Management Tour: Decisions and Actions (CC)
Tractor Overturn Demonstration (FSD)
- 12:45 p.m.** Collecting Data to Manage Private Water Supplies (CEB)
- 1:00 p.m.** Turtles (SCT)
Kids' Climb (EEB)
Flower-Arranging Demonstration (YGT)
American Chestnut Foundation Plantings (CC)
Summer Annuals, Crop Demonstration Plot (CEA)
Managing Riding Arenas Footing and Dust (EEB)
Orange Almond Salad (FRB)
- 1:15 p.m.** Training the Young Horse (MHA)
Making Fuel Pellets on the Farm (FFLC)
- 1:30 p.m.** Soil Pit Discussion (CEA)
Snakes (SCT)
High Tunnel Research and Education Tour (CC)
Farmer Generated Data: Benefits and Risks (CEB)
- 1:45 p.m.** Update on the USDA Rural Energy for America (FFLC)
- 2:00 p.m.** Pollinator Gardening Presentation (YGT)
Birds of Prey (SCT)
Pa. State Police Mounted Patrol (MHA)
Hay Rakes, Tedders, and Mergers (FD)
Personal Protection Equipment Presentation (FSD)
Habitat Management for Deer and other Wildlife Tour (CC)
Management Tactics for High Yielding Soybeans (CC)
Are Weeds Taking Over Your Pastures? (EEB)
Canning Salsa (FRB)
- 2:20 p.m.** Beyond Energy: Alternative and Supplementary Markets for Biomass (FFLC)
- 2:30 p.m.** High-Moisture Alfalfa Hay Baling (FD)
Pasture Management and Rotational Grazing Demonstration (CC)
Tractor Overturn Demonstration (FSD)

Daily Schedule

Tuesday, August 12 (cont.)

- 2:45 p.m.** Ponies! (MHA)
Reducing Animal Stress With Better Handling Techniques (CEB)
- 3:00 p.m.** Turtles (SCT)
On-Farm Animal Composting (RB)
PSU Deer Research Center (CC)
Update on the PA Alternative Energy Credit Market (FFLC)
Molds, Mycotoxins, and Botulism, Oh My! (EEB)
- 3:30 p.m.** Snakes (SCT)
Bale Handling (FD)
Thoroughbred Horses: More than Racing (MHA)
American Chestnut Foundation Plantings (CC)
Woodlot Management Tour: Decisions and Actions (CC)
- 4:00 p.m.** Draft Animals: The Power of Early Agriculture (MHA)
Birds of Prey (SCT)
- 4:45 p.m.** Keystone Dressage and Combined Training Drill Team (MHA)

Wednesday, August 13

- 9:00 a.m.** Kids' Climb (EEB)
4-H Farm Safety and Health Quiz Bowl Competition (FFLC)
Free Vision Test (RHST)
Summer Annuals, Crop Demonstration Plot (CEA)
Sun Safety Demonstrations (RHST)
- 9:30 a.m.** Miniature Horses (MHA)
Woodlot Management Tour: Decisions and Actions (CC)
- 10:00 a.m.** The Amazing Fjord Horse (MHA)
Turtles (SCT)
Free Blood Pressure Readings (RHST)
American Chestnut Foundation Plantings (CC)
No Horse? No Problem! Horseless Options in the PA 4-H Program (EEB)
Free Tetanus Shots (RHST)
Build a Basic Meal Packet (FRB)
- 10:30 a.m.** Soil Pit Discussion (CEA)
Snakes (SCT)
Paso Fino Horses (MHA)
Alfalfa Hay Mowing (FD)
Management Tactics for High Yielding Soybeans (CC)
Pasture Management and Rotational Grazing Demonstration (CC)
- 11:00 a.m.** Pedal Go Kart Derby (YB)
Flower-Arranging Demonstration (YGT)
Birds of Prey (SCT)
Personal Protection Equipment Presentation (FSD)
Habitat Management for Deer and other Wildlife Tour (CC)
PSU Deer Research Center Tour (CC)
Ticks—What You Need to Know (EEB)
Ag Rescue Simulations (FSD)
Home First Aid (FRB)

- 11:30 a.m.** Bee Tree Trail Percherons (MHA)
Stream (Riparian) Buffers and Native Prairie Grasses Tour (CC)
Interseeders/High Residue Planter Attachments (FD)
- 12:00 p.m.** Short Rotation Woody Crops for Biomass Tour (CC)
Pest Controls Near Horses (EEB)
- 12:15 a.m.** Successfully Raising a Small Flock of Chickens (CEB)
- 12:30 p.m.** 4-H Working Western and Cutback (MHA)
Amphibians (SCT)
Air Seeders, Drills and Planters (FD)
Pasture Management and Rotational Grazing Demonstration (CC)
Woodlot Management Tour: Decisions and Actions (CC)
- 1:00 p.m.** Turtles (SCT)
Kids' Climb (EEB)
Training the Young Horse (MHA)
FFA Youth Farm Safety & Health Quiz Bowl Competition (FFLC)
American Chestnut Foundation Plantings (CC)
Summer Annuals, Crop Demonstration Plot (CEA)
Horse Trailer 101 (EEB)
Small-Scale Poultry Processing Methods for Quality Food Product (CEB)
Ag Rescue Simulations (FSD)
Build a Basic Meal Packet (FRB)
- 1:30 p.m.** Soil Pit Discussion (CEA)
Century and Bicentennial Farm Presentation (PDA)
Snakes (SCT)
High Tunnel Research and Education Tour (CC)
- 1:45 p.m.** Pa. State Police Mounted Patrol (MHA)
Farm Bill 2014 Dairy Margin Protection: Now and for the Future (CEB)
- 2:00 p.m.** Birds of Prey (SCT)
Flower-Arranging Demonstration (YGT)
Hay Rakes, Tedders, and Mergers (FD)
Personal Protection Equipment Presentation (FSD)
Habitat Management for Deer and other Wildlife Tour (CC)
Management Tactics for High Yielding Soybeans (CC)
Common Problems of the Horse's Foot (EEB)
- 2:30 p.m.** Draft Animals: The Power of Early Agriculture (MHA)
High-Moisture Alfalfa Hay Baling (FD)
Pasture Management and Rotational Grazing Demonstration (CC)
Public Forum on 2014 Farm Bill and State of Agriculture in Pennsylvania (CEB)
- 2:45 p.m.** On-Farm Animal Composting (RB)
- 3:00 p.m.** Turtles (SCT)
PSU Deer Research Center (CC)
Tour of the Horse's Gastrointestinal Tract (EEB)
- 3:15 p.m.** Paso Fino Horses (MHA)
- 3:30 p.m.** Snakes (SCT)
Bale Handling (FD)
American Chestnut Foundation Plantings (CC)
Woodlot Management Tour: Decisions and Actions (CC)

Wednesday, August 13 (cont.)

- 4:15 p.m.** The Amazing Fjord Horse (MHA)
- 4:30 p.m.** Amphibians (SCT)
- 5:00 p.m.** Habitat Management for Deer and Other Wildlife Tour (CC)
Turtles (SCT)
American Chestnut Foundation Plantings (CC)
PSU Deer Research Center (2hr) (CC)
Woodlot Management Tour: Decisions and Actions (CC)
- 6:00 p.m.** Snakes (SCT)
Pollinator Gardening Presentation (YGT)
Salute to America (MHA)
Home First Aid (FRB)
- 6:15 p.m.** Extreme Mustang Makeover (MHA)
- 6:30 p.m.** Birds of Prey (SCT)
- 7:00 p.m.** Bee Tree Trail Percherons (MHA)

Thursday, August 14

- 9:00 a.m.** Kids' Climb (EEB)
Free Vision Test (RHST)
Summer Annuals, Crop Demonstration Plot (CEA)
Sun Safety Demonstrations (RHST)
Arthritis Assimilation (RHST)
- 9:30 a.m.** Woodlot Management Tour: Decisions and Actions (CC)
Building and Operating a Home Vegetable Irrigation System (CEB)
Riparian Conservation Planning Tool (FFLC)
- 10:00 a.m.** Turtles (SCT)
Horse Quiz Bowl Competition (EEB)
Free Blood Pressure Readings (RHST)
American Chestnut Foundation Plantings (CC)
Relish Trays (FRB)
- 10:15 a.m.** Racing Games—Nez Perce Stake Race (MHA)
- 10:30 a.m.** Soil Pit Discussion (CEA)
Snakes (SCT)
Alfalfa Hay Mowing (FD)
Management Tactics for High Yielding Soybeans (CC)
Pasture Management and Rotational Grazing Demonstration (CC)
Managing your Pond and Lake (CEB)
Tractor Overturn Demonstration (FSD)
- 11:00 a.m.** Pedal Go Kart Derby (YB)
Australian Stock Horses (MHA)
Flower Arranging Demonstration (YGT)
Birds of Prey (SCT)
Personal Protection Equipment Presentation (FSD)
Habitat Management for Deer and other Wildlife Tour (CC)
PSU Deer Research Center (CC)
Aquatic Invaders in Your Pond (CEB)
Summer Squash and Snow Peas (FRB)

- 11:30 a.m.** Bee Tree Trail Percherons (MHA)
Stream (Riparian) Buffers and Native Prairie Grasses Tour (CC)
Ag Springboard Competitor, Green Tower LLC (CEB)
Interseeders/High Residue Planter Attachments (FD)
- 12:00 p.m.** Short Rotation Woody Crops for Biomass Tour (CC)
Preserving Beneficial Predators in the Home Garden (CEB)
Home First Aid (FRB)
- 12:30 p.m.** Amphibians (SCT)
Miniature Horses (MHA)
Pasture Management and Rotational Grazing Demonstration (CC)
Making your Backyard a Palace for Pollinators (FFLC)
Woodlot Management Tour: Decisions and Actions (CC)
Air Seeders, Drills and Planters (FD)
Tractor Overturn Demonstration (FSD)
- 1:00 p.m.** Turtles (SCT)
Kids' Climb (EEB)
American Chestnut Foundation Plantings (CC)
Summer Annuals, Crop Demonstration Plot (CEA)
Green Gardens, Clean Water: Best Practices for Managing Our Rainwater (CEB)
Easy Stir Fry (FRB)
- 1:15 p.m.** Racing Games—Camas Prairie Stump Race (MHA)
- 1:30 p.m.** Snakes (SCT)
High Tunnel Research & Education Tour (CC)
- 1:45 p.m.** Pollinator Friendly Garden Certification (FFLC)
- 2:00 p.m.** Draft Animals: The Power of Early Agriculture (MHA)
Flower-Arranging Demonstration (YGT)
Birds of Prey (SCT)
Hay Rakes, Tedders, and Mergers (FD)
Personal Protection Equipment Presentation (FSD)
Management Tactics for High Yielding Soybeans (CC)
Habitat Management for Deer and other Wildlife Tour (CC)
Fast Fruit Salad (FRB)
- 2:30 p.m.** High-Moisture Alfalfa Hay Baling (FD)
Pasture Management and Rotational Grazing Demonstration (CC)
Tractor Overturn Demonstration (FSD)
- 2:45 p.m.** Australian Stock Horses (MHA)
- 3:00 p.m.** Turtles (SCT)
- 3:15 p.m.** Racing Games—Rope Race (MHA)
- 3:30 p.m.** Bale Handling (FD)

Exhibitors and Location

Company Name Location

A

A. B. Martin Roofing Supply.....ECMB
 ABC York.....E. 6th
 Adams Supply.....W. 8th
 ADM Crop Risk Services.....ACB
 ADS Bulk Seed Buggy.....W. 11th
 Aerway/Haybuster—
 Dave Heath & Assoc.....E. 2nd
 Ag Express Electronics.....ECMB
 Agchoice Farm Credit.....ACB
 AGCO.....E. 1st
 Agcore.....E. 6th
 AgriDry.....W. 8th
 Agri-Dynamics.....DLT 1
 Agri-King.....W. 9th
 Agri-Nutrition Consulting.....W. 13th
 Agri-Plastics Manufacturing.....W. 8th
 Agri-Sc.....ACB
 Agri-Trac US.....DLT 2
 AHONA.....W. 1st
 AIC Dairy Technologies.....DLT 2
 AKE Safety Equipment.....ACB
 All Around Fence.....W. 5th
 Allegheny AG—
 A Div of Agri-Service.....W. 8th
 Allensville Planing Mill.....W. 1st
 Alternate Heating Systems.....W. 2nd
 American Angus Association.....DLT 1
 American Egg Board.....ACB
 AmeriGas Propane.....PFB
 Anderson Group.....W. 3rd
 Animal Health.....PDA
 Antique Tractors.....E. 5th/ Main St.
 Art's Way Manufacturing.....E. 6th
 Automatic Farm Systems.....E. 3rd

B

B & R Farm Equipment.....W. 5th
 Bad Dog Tools.....ECMB
 Baker Abilene Machine.....ECMB
 Baker Ag-Lime.....ACB
 Bastian Tire & Auto Centers.....W. 1st-2nd
 BCS America.....W. 6th
 Beco Equipment.....W. 1st
 Bee Tree Trail.....EEB
 Beiler—Campbell Realtors & Auction
 Services.....ACB
 Belco Resources Equipment.....W. 10th
 Belle Springs Structures.....W. 5th
 Belmont Machine.....W. 9th
 Berg USA.....W. 8th
 Bergman Manufacturing.....ECMB
 Best Line Equipment.....W. 2nd
 Binkley & Hurst...W. 2nd,3rd, 5th, and Main

Blue Mountain Farms.....YB
 Bobcat of State College.....W. 2nd
 Brechbill Trailer Sales.....Demo Alley
 Breon's Inc.....W. 1st
 Brushy Mountain Bee Farm.....DLT 2
 Bush Hog Inc.....W. 11th
 Business Lease Consultants.....ECMB

C

C & C Specialties.....W. 4th
 C K Replacement Stalls.....W. 9th
 Cadco—Congdon Associates Dist...W. 2nd
 Callicrate Banders.....DLT 2
 Canns-Bilco Distributors.....W. 8th
 Capital Area Therapeutic Riding.....EEB
 Carl Neutzel Services.....E. 3rd
 Case IH.....E. 2nd
 CB Structures.....W. 9th
 Cedar Crest Equipment.....E. 5th
 Center for Dairy Excellence.....DLT 1/PDA
 Central Life Sciences.....DLT 1
 Central Petroleum Co.....W. 5th
 Centre County Animal Response
 Team.....W. 13th
 Centre Homecare.....RHST
 Channel Bio.....E. 5th
 Charvin Farm—Ag Plastics.....DLT 1
 Chemgro.....E. 6th
 Chesapeake Bay Foundation.....JDHB
 Chevrolet.....E. 5th
 Christian Farmers Outreach.....ECMB
 Clarks Ag Supply.....E. 7th
 Clean Cutter Flail & Tiller Blade.....ECMB
 Cleveland Brothers.....E. 1st
 Conemaugh Valley Mutual
 Insurance.....ECMB
 Conestoga Mfg.....W. 4th
 Conklin Co.....ACB
 Country Clipper/Shivvers Mfg.....W. 2nd
 Country Folks.....DLT 2
 Cove Landscaping Center.....W. 9th
 Cowco.....W. 6th
 CowKühlerZ.....W. 5th
 Crop Care & Zimmerman Cattle
 Control.....W. 9th
 Crop Insurance/Market Dev.....PDA
 Crown Royal Stoves.....W. 3rd
 Cummings & Bricker.....W. 6th
 Curry Supply Co.....W. 1st

D

D. H. Welding.....W. 2nd
 Dairy Farmers of America.....DLT 1
 Dairy One.....DLT 1
 Dairymaster USA Inc.....W. 11th
 Daum's Custom Fabrication.....W. 10th

Dave Heath—FAE USA.....E. 2nd
 Deep Valley Farm.....DLT 1
 Delaval Inc.....W. 11th
 Diller Ag Equipment.....W. 4th
 Diller Equipment.....W. 6th
 Dion-Ag.....E. 3rd/Harrington Ln
 Discount Hydraulic Hose.....ACB
 Diversified Crop Insurance
 Services.....ECMB
 DK Hostetler.....E. 3rd/Main St.
 Doebler's.....E. 6th
 Donegal Insurance Group.....ACB
 D-S Livestock Equipment.....W. 10th
 DuPont Pioneer.....E. 5th
 Dyna Products.....E. 2nd/Harrington Ln

E

E M Herr Equipment.....W. 5th
 E. Rissler Manufacturing.....W. 9th
 Eastern States Livestock
 Systems.....W. 10th-11th
 EasyFix North America.....DLT 2
 Elanco Animal Health.....W. 12th
 Eli Fisher Construction.....E. 1st
 EMM Sales & Service.....W. 1st
 Enerxeg American.....E. 7th
 Energrow.....DLT 1/Outdoor
 Energy Panel Structures.....ECMB
 Energy Plus.....PFB
 Ernst Seeds.....CEA
 Esch Mfg.....W. 6th
 Everett Cash Mutual Insurance.....ECMB
 Evergreen Fence.....E. 2nd
 Excel Industries.....W. 3rd
 Ex-Cell Pro Pet Foods.....DLT 2
 Expert Septic.....W. 11th

F

Fairway Laboratories.....ECMB
 Farm and Land Realty.....ACB
 Farm Family Insurance.....ECMB
 Farm Tek.....W. 9th
 Farmchains.com.....DLT 2
 FarmCo Mfg.....W. 4th
 Farmer Boy Ag.....W. 5th
 Farming Mag./Moose River Media.....ACB
 Fastlane Publications.....ACB
 Fayette Trailers llc.....E. 1st
 Feedmobile Inc.....W. 9th
 Fennig Equipment.....W. 10th
 Fisher & Thompson.....W. 10th
 Ford/NewScope
 Marketing.....W. 5th/Demo Alley
 For-Most Livestock Equipment.....W. 4th
 Frey Mfg. & Distributing.....W. 4th
 Friends of Farm Show Foundation.....PDA
 Friends of Ohio Barns.....E. 9th/Main St.
 FSRC TANKS INC.....DLT 2
 Fulton Bank NA.....ECMB
 Futurecow.....DLT 1

G

Gea Farm Technologies.....E. 1st
 Geringhoff.....W. 1st
 Glatfelter.....ACB
 Goodville Mutual Casualty Company...ACB
 Grassworks Mfg.....W. 10th
 Great Plains Mfg.....W. 3rd
 Green Towers.....JDHB
 Gro-Mor Plant Food.....ECMB
 Growers Mineral Solutions.....W. 5th
 Growmark FS.....E. 6th

H

H & S Manufacturing.....W. 8th
 Hale Trailer Brake and Wheel.....W. 1st
 HalenHardy.....E. 7th
 Hamilton Equipment.....E. 1st-2nd
 Hands on Therapeutic Riding.....EEB
 HARDI North America.....W. 5th
 Heatmaster Outdoor Furnaces.....W. 3rd
 Heatmor Outdoor Furnaces.....W. 11th
 Hershey Equipment Co.....W. 4th
 Hoard's Dairyman.....DLT 1
 Holtry.....W. 1st-2nd
 Hooper Inc.....W. 2nd-3rd
 Hoover Tractor.....W. 8th-9th
 Horizon Organic Dairy.....DLT 1
 Hubner Seed.....E. 6th
 Hud-son Forest Equipment.....W. 8th
 Hunter Insurance Assoc.....ECMB

I

IBA.....E. 5th
 Independent Ag Equipment.....W. 5th
 Innovative Dairy Solutions.....W. 10th
 International Harvester
 Collectors.....Main St.
 InterSeeder Technologies.....E. 7th
 Invisible Fence Brand.....DLT 2
 IVA Manufacturing.....W. 10th

J

Jamesway Farm Equipment.....E. 3rd
 Jaylor Fabricating.....E. 1st
 Jodon's Stable.....EEB
 John Deere.....W. 5th
 John Deere Commercial Worksite
 Products.....W. 5th

K

Kauffman's Animal Health.....DLT 2
 KEMA Services.....ACB
 Kencove Farm Fence.....W. 10th
 Kent Nutrition Group.....W. 13th
 Keystone Appaloosa Club.....EEB
 Keystone Australian Stock Horse.....EEB
 Keystone Concrete Products..W. 9th-10th
 Keystone Energy Forum.....MC
 Keystone Group Ag Seeds.....E. 6th
 King's Agriseeds.....DLT 2
 Krone North America.....W. 9th-10th
 Kubota Tractor Corp.....E. 3rd
 Kuhn North America.....W. 8th
 Kuhns Mfg.....W. 2nd

L

L Cubed Corp DBA TAM Systems....E. 5th
 Lancaster Dairy Farm.....W. 11th
 Lancaster DHIA.....DLT 2
 Lancaster Farming.....ACB
 Lanco Manufacturing.....W. 6th
 Lanco-Pennland.....DLT 1
 Land O' Lakes.....DLT 1
 Land Pride.....E. 3rd
 Landoll Corporation.....W. 6th
 Lansing Trade Group.....ECMB
 Lawn Care Distributors..W. 6th/Demo Alley
 Lawn Equipment Parts Company...W. 2nd
 Leader's Farm Equipment.....W. 6th
 Leiden Land and Cattle Company...W. 8th
 Lester Buildings Systems.....ECMB
 Let's Dance Dressage.....EEB
 Liquitub Marketing International.....ECMB

Key to Exhibit Area Abbreviations

ACB Ag Choice Building	EEB Equine Exhibits Building
CEA Conservation Exhibit Area	FRB Family Room Building
CEB College Exhibits Building	MC Marcellus Center Tent
JDHB Joseph D. Harrington Crops, Soils, and Conservation Building	PDA Pa. Dept. of Agriculture Building
DLT 1 Dairy and Livestock Tent 1	PFB Pa. Farm Bureau Building
DLT 2 Dairy and Livestock Tent 2	RHST Rural Health and Safety Tent
ECMB Everett Cash Mutual Building	YB Youth Building
	YG Yard and Garden Area

M

M. H. EbyW. 8th
M.M. Weaver-Claas..... E. 5th
Mahindra USA..... E. 5th
Mahoning Outdoor Furnace.....W. 10th
Manada Construction.....ACB
Manitou Americas..... E. 3rd
Marcellus Shale Coalition.....MC
Martek Fabricating..... E. 1st
Martin Limestone.....JDHB
Martin Water Conditioning.....DLT 2
Martin's Welding.....W. 4th
McFarlane Manufacturing.....W. 5th
McLanahan Corporation..... E. 1st
MD & VA Milk Producers.....DLT 1
Mensch Mfg.....W. 4th
Merrill Lynch.....MC
Messick's.....W. 8th
MetalFab Mfg.....W. 4th
Metzler Auto Truck and Trailer.....W. 4th
Metzler Forest Products.....ACB
Meyer Manufacturing Corp.....W. 3rd
Mid-Atlantic Dairy Assoc./
Pa. Dairy Promotion.....DLT 1
Mid-Atlantic Waterproofing.....DLT 2
Millner-Haufen Tool.....ECMB
Millville Mutual Ins. Co.....EEB
Miraco..... E. 7th
Morton Buildings..... E. 6th
Mountain Air Garage Doors.....W. 2nd
Mountain Supply.....W. 6th
Mr. Tool..... E. 2nd
Mt. Nittany Medical Center.....RHST
Mt. Union Supply.....W. 10th
Murray Securus.....ECMB
Muscle Products Corp.....ECMB
Myers Farm.....W. 5th

N

NACHURS.....ACB
NASF.....DLT 2
National Assoc. of Royalty Owners
Pa. Chapter.....MC
National Dairy Producers
Organization.....DLT 1
National Farmers Organization.....DLT 1
Nationwide Ins./
Nationwide Agribusiness.....PFB
New Holland..... E. 2nd-3rd
New York Center for Ag Medicine.....RHST
Next Level Horsemanship.....EEB
Nextire Inc.....W. 10th
North Central Sight Services.....RHST
Northeast Implement.....W. 3rd
Northern Tier Hardwood Assoc.....JDHB
Northwest Savings Bank.....DLT 2
NTH-N-Tech-Troop Equipment.....W. 4th
Nuhn Industries..... E. 1st

O

O.A. Newton.....W. 9th
Office of Dog Law.....PDA
Organic Valley/CROPP Cooperative..DLT 1
Oxbo International.....W. 6th

P

P. Bradley & Sons.....W. 9th
Pa Assoc. of Conservation Districts ..JDHB
Pa Dept. of Health.....RHST
Pa No-Till Alliance.....CEA
Pa. Apple Marketing Program.....PDA
Pa. Arabian Horse Assoc.....EEB
Pa. Association for Sustainable Ag...JDHB
Pa. Beef Council.....DLT 2
Pa. Cattlemen's Assoc.....DLT 2

Pa. Center for Beef Excellence.....DLT 2
Pa. Certified Organic.....JDHB
Pa. Chapter of the American
Chestnut Foundation.....W. 11th
Pa. Corn Grower's Assoc..... E. 5th
Pa. Dairy Princess & Promotion..YB/DLT 1
Pa. DCNR Bureau of Forestry.....JDHB
Pa. Dept. of Agriculture.....PDA
Pa. Dept. of Environmental
Protection.....JDHB
Pa. Equine Council.....EEB
Pa. Farm Bureau..... E. 5th
Pa. Farm Link.....ACB
Pa. Farmland.....ACB
Pa. Farmland Preservation.....PDA
Pa. Fish and Boat Commission.....JDHB
Pa. Forage and Grassland Council...JDHB
Pa. Forest Products Assoc.....JDHB
Pa. Forestry Assoc.....JDHB
Pa. Game Commission.....JDHB
Pa. Grain Processing.....ECMB
Pa. Ground Water Association.....JDHB
Pa. Growers/Market Development.....PDA
Pa. Hardwoods Development
Council.....W. 11th
Pa. Hereford Assoc.....DLT 2
Pa. Llama & Alpaca Assoc.....DLT 2
Pa. Milk Marketing Board.....ECMB
Pa. Office of Rural Health.....RHST
Pa. One Call System.....ACB
Pa. One Stop.....W. 10th
Pa. Pork Producers Council.....ACB
Pa. Preferred/Bureau of Market.....PDA
Pa. Quality Deer Management
Assoc.....JDHB
Pa. Shorthorn Breeders Assoc.....DLT 2
Pa. Simmental Assoc.....DLT 2
Pa. Soybean Board.....ACB
Pa. State Association of
Country Fairs.....ACB
Pa. State Grange.....ACB
Pa. State Rabbit Breeders Assoc.....YB
Pa. Women's Agricultural Network...JDHB
Pa. Young Farmers Assoc.....ECMB
Paradise Energy Solutions.....W. 9th
Patz Corporation..... E. 5th
Paul Mueller Company.....W. 9th
Penn Chapt. of Consulting Foresters
Assoc.....ACB
Penn Jersey Products.....W. 5th
Penn State Ag & Bio Engineering
Research.....JDHB
Penn State Ag. and Environment
Center.....JDHB
Penn State Biofuels Energy Group...JDHB
Penn State Center for Dirt and
Gravel Roads.....JDHB
Penn State Construction..... E. 1st
Penn State Dept. of Animal Science...CEB
Penn State Dept. of Entomology.....YG
Penn State Environmental Resource
Mgmt.....JDHB
Penn State Equine Science Program..EEB
Penn State Extension
Natural Resources.....JDHB
Penn State Extension-Field, Forage,
& Crop Mgmt. Team.....JDHB
Penn State Extension
Health Insurance and You.....FRB
Penn State Extension
Lycoming County.....FRB
Penn State Extension
Marcellus Education Team.....MC
Penn State Extension
Nutrient Mgmt.....JDHB
Penn State Extension
Nutrition Links.....FRB

Penn State Extension
Ag Business & Risk Mgmt.....ACB
Penn State Extension
Dining with Diabetes.....FRB
Penn State Extension
Nutrition Diet and Health.....FRB
Penn State Extension
Water Resources.....CEA
Penn State Food Safety.....FRB
Penn State Marcellus Center for
Outreach and Research.....MC
Penn State Master Well Owner
Network.....JDHB
Penn State On-Farm Research.....JDHB
Penn State Plant Path & Envir. Micro...YB
Penn State Police & Public Safety.....FRB
Penn State Potato Growers.....W. 11th
Penn State SBDC.....ECMB
Penn State Sustainable Ag.....JDHB
Perdue Grain & Oilseed.....ECMB
Perma Column East..... E. 6th
Petersheims Cow Mattresses.....W. 10th
PFA-PA Tree Farm Program.....JDHB
Pheasants Forever, Inc.....JDHB
Pik Rite Inc.....W. 11th
Plant Science Weed Identification...JDHB
Poettinger US..... E. 1st
Power Systems Electric.....W. 4th
Powerton Generators.....W. 3rd
Praxair.....W. 1st
Precision Work.....W. 4th
Priefert Ranch Equip. /
Claycomb Fence.....W. 5th
Progressive Publishing.....DLT 1
Provita Animal Health.....DLT 1

Q

Quality Craft Tools.....W. 4th

R

Rain & Hail.....ECMB
RCM International.....ACB
Reamstown Mutual Insurance.....ECMB
Red Angus Assoc.....DLT 2
Red Dale Ag Services..... E. 2nd
Reed Equipment Sales.....W. 3rd
Reinecker Ag.....DLT 1
Remote Intelligence.....ACB
Robert's Oxygen Co.....W. 11th
Roto-Mix..... E. 1st
RSI Calf Systems.....W. 3rd
Rural Community Insurance.....ECMB
Ryan Bridge "The Bug Man".....YB
Ryder Supply Co.....W. 6th

S

S. I. Distributing.....W. 2nd
S. K. Construction.....DLT 1
Salford Group..... E. 1st
Salsco.....W. 1st
Schaeffer Mfg. Co.....ACB
Schnupp's Grain Roasting.....W. 3rd
Schulte Industries.....W. 1st
Seedway..... E. 6th
Select Sires.....DLT 1
Seneca Iron Works..... E. 7th
Shaver's Creek Environmental.....W. 8th
Shoup Mfg. Co.....ACB
ShowEase.....W. 9th
Shur-Co.....ACB
SiloStop/Supacova.....DLT 2
Sioux Steel.....W. 1st
SISCO.....W. 4th
Snyder Equipment.....W. 4th
Soil-Max..... E. 7th
Sollenberger Silos.....W. 4th

Sones Grain Systems.....W. 5th
Soucy International..... E. 1st
South Mountain Insurance
Services.....DLT 2
Staar Distributing.....DLT 2
Steiner..... E. 5th
Stein-Way Equipment.....W. 2nd
Steven Willand Inc.....W. 5th
Stoltzfus Spreaders.....W. 6th
Stoltzfus Storage Sheds.....W. 1st
Stor-Loc.....ECMB
Stroud Water Research Center.....JDHB
Sukup Manufacturing.....W. 4th
Syngenta..... E. 6th

T

T & B Medical.....W. 9th
T. A. Seeds..... E. 6th
Taurus Service.....DLT 1
TeamAg, Inc.....ACB
Tech Mix.....DLT 1
The Early American Steam Engine
Soc.....W. 9th
The St. George Co.....DLT 1
Tigerco Distributing Company.....W. 9th
TM Refrigeration..... E. 2nd
Todd Schaeffer Equip.....W. 10th
Toolin Around / MPP..... E. 2nd
Toro Company-Century
Equipment.....W. 9th
Total Energy Solutions..... E. 7th
Total Lawn Care.....DLT 1
Track N Trail Inc..... E. 1st
TractorHouse/AuctionTime.com.....ECMB
Trioliet B. V.....W. 2nd
Triple Crown /
Southern States.....EEB/DLT 2
Trouble Free Lighting.....ECMB
Truax.....CEA
Twin Valley Farm Service.....W. 4th

U

U.S. Army Corps of Engineers.....JDHB
Udder Comfort Internat.....DLT 2
Unverferth Mfg.....W. 6th
USDA National Agri. Stat Service.....JDHB
USDA Natural Resources
Conservation Service.....JDHB
USDA-ARS-PSWMRU.....CEA
USDA-FSA-Pa. State FSA Office.....ACB

V

Valmetal inc..... E. 3rd
Van Beek Natural Science.....ACB
Vermeer Corporation.....W. 4th-5th
VMC.....W. 11th
VTILLC.....W. 11th

W

Weaver Distributing.....ECMB
Weldon Equipment..... E. 5th
Westfield Group.....ECMB
Wilkins Trailers.....W. 9th
Wingfield Mfg.....W. 6th
Wood-Mizer.....W. 2nd
Wyotech.....ACB

Z

Zartman Farms.....W. 10th
Zeiset Equipment.....W. 11th
Zimmerman Farm Service.....W. 5th
Zimmermans Glasslined Storage.....W. 8th
Zimmerman's Hay/Radiant Heat...W. 11th
Zimmey's Diesel Performance.....W. 2nd

Food Concessions

Around the show grounds, various nonprofit agricultural associations, community organizations, churches, and student groups create a wonderful assortment of food items for your enjoyment. For your convenience, their planned menus are provided below:

Ag Student Council (Main and East 8th): fried mushrooms

Pa. Beekeeping Association (Main and East 1st): honey ice cream and honey products

Pa. Cattleman's Association (Main and West 8th): prime rib sandwiches, cheese steaks, meatball sandwiches, Caesar salad with grilled steak

Pa. County Agents Association (West 12th below equine area): pulled pork sandwiches, meatball subs, and snacks (chips, pretzels, candy, etc.)

Pa. Dairy Princess and Promotions Services (Main and East 8th): grilled cheese sandwiches and floats

Pa. FFA Foundation (Main and East 8th): cheese and pepperoni pizza, rib sandwiches, sausage grillers, hot dogs, barbeque, beans, applesauce, chips, and nachos

Pa. Jr. Guernsey Breeders (Main and East 7th): milkshakes

Pa. Maple Producers (Main and West 9th): maple cotton candy, syrup, sugar candy, crumb sugar, coated nuts, sundaes, milkshakes, maple lemonade

Pa. Vegetable Growers and Pa. Sheep and Wool Growers (Main and West 6th): American lamb sandwiches/gyros, vegetable stir fry, corn on the cob, pita salad, cantaloupe and watermelon, berry pies, whoopee pies, strawberry slush, and lemonade

Chief Logan Lions Club (Main and West 8th): french fries

Fairbrook United Methodist Church (Main and East 7th):

Breakfast: sausage, home fries, scrambled eggs, pancakes, toast, cheese danish, biscuits with sausage gravy

Lunch: ham sandwiches, burgers, hot dogs, hot sausages, chicken corn and vegetable beef soups, baked beans, ice cream, apple dumplings, and hot pretzels

Ferguson Township Lions Club (Main and East 6th):

Breakfast: ham/egg/cheese sandwiches, donuts

Lunch: hot dogs, bean soup, hot sausage sandwiches

Good Shepherd Church (Harrington Lane and East 5th):

root beer floats and soda

Harris Township Lions Club (Demo Alley and West 6th):

barbeque chicken, roast beef sandwiches, hot dogs, baked beans, kettle fries, ice cream, and milkshakes

Hoag's Catering (Main and West 1st):

Breakfast: egg sandwiches

Lunch: pork barbeque, hamburgers, hot dogs, cheese steaks (chicken and beef), sausage, french fries, nachos, slushies, and Berkey Creamery ice cream



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