

Ag Law Office (Firebaugh Building, 384 Friday Ave)

- Farm Lease Checklist
- Flying Legal Under the New Drone Laws
- Do's and Don'ts of Dealing with Trespassers

Ag Safety and Health (426 Land Ave)

- Ohio Grain C.A.R.T. (Comprehensive Ag Rescue Trailer)
- Ohio AgrAbility
 - Assistive Technology for the Farm
 - Breaking New Ground/National AgrAbility
 - AgrAbility Peer to Peer program
 - Student Innovation Projects
 - Mobility Scooter Charging Station

Agronomic Crops Team (outside gates B and C)

Talk with agronomic crops experts about current issues and trends. Bring your concerns and questions, and we can talk about this cropping season and plan for next year. Agronomic Crops Team members have a selection of demonstrations taken from our research sites to share. Take a walk with a team member and discuss our work to help you. The following is an assortment of our work:

- Nutrient management demos—timing and placement
- Nutrient management—manure use
- Pests of soybeans
- Nitrogen management for corn and soybean
- Long-term soil quality plots
- Cover crops this year and a corn crop into last year's cover crops
- Herbicide technology plots—discuss their potential
- Updates in the antique corn plots—where GMOs come from

Also hear our presentations every day at 10:00 a.m. and 2:00 p.m.

- Nitrogen management—see crop sensors at work **CCA CEU ½ NM**
- On the spray table—choosing tips for herbicide-tolerant crops **CCA CEU ½ PM**
- Soil quality sampling and results **CCA CEU ½ SW**
- Weed I.D. quiz **CCA CEU ½ PM**

CCAs can stop by for a plot tour and get ½ hour of CEU in PM, CM, SW or NM

Aquaponics Exhibit (Firebaugh Building, 384 Friday Ave)

Aquaponics: Where fish waste supplies nutrients for plants. An integrated system utilizing fish waste water to supply nutrients for growing food crops. Stop by to see a working demonstration display.

Ask the Expert (426 Friday Ave)

Time	Tuesday, September 20	Wednesday, September 21	Thursday, September 22
10:00 a.m.	Stressed? No Worries!	Working Capital on Ohio Farms	Grain Marketing Update
10:20 a.m.	Do Your Kids Want the Farm?	Ohio Cropland Values and Cash Rents	Ten Strategies to Survive Low Profitability
10:40 a.m.	Economic Returns to Drainage	Current Veterinary Concerns	Ohio Cropland Values and Cash Rents
11:00 a.m.	Pigs, Flu and You!	Veterinary Feed Directive	Zika Virus Today, What's Tomorrow?
11:20 a.m.	Grain Marketing Update	Ten Strategies to Survive Low Profitability	Estimated Profitability of 2017 Crops
11:40 a.m.	Antimicrobial Use and Resistance	Grain Marketing Update	Do Your Kids Want the Farm?
Noon	Busting the Myths of GMOs	Estimated Profitability of 2017 Crops	Busting the Myths of GMOs
12:20 p.m.	Grain Marketing Update	Busting the Myths of GMOs	Avian Influenza
12:40 p.m.	Drinking Raw Milk!	Veterinary Feed Directive	Working Capital on Ohio Farms
1:00 p.m.	Liquidity and Risk Management: Facts Everyone Should Know	Flying Legal Under the New Drone Laws	Current Veterinary Concerns
1:20 p.m.	Flying Legal Under the New Drone Laws	Grain Marketing Update	Flying Legal Under the New Drone Laws
1:40 p.m.	Cash Rental Rates for the Long Term	Stressed? No Worries!	Animal Welfare and Behavior
2:00 p.m.	Antimicrobial Use and Resistance	Spread of Zika and Other Diseases	All Ask the Expert talks are 20 minutes long.
2:20 p.m.	Estimated Profitability of 2017 Crops	Do's and Don'ts of Dealing with Trespassers	
2:40 p.m.	Do's and Don'ts of Dealing with Trespassers	Do Your Kids Want the Farm?	

Beck's See *Production Strategies* on page 9.

**Byrd Polar and Climate Research Center/
State Climate Office of Ohio**

(Firebaugh Building, 384 Friday Ave)

Learn about weather forecasting and participate with the National Climate Assessment and U.S. Climate Resilience Toolkit.

Center for Small Farms

See *Small Farm Center Building and Small Farm Center Tent* on page 10.

CFAES Alumni and Friends Tent

(on Beef St across from the CFAES Celebration Tent)

We welcome CFAES alumni to stop by for a sweet treat and a chance to connect with the college.

College of Education and Human Ecology

See *Health and Home Safety* on page 9.

**College of Food, Agricultural, and Environmental
Sciences (CFAES) (Bailey Building, 383 Friday Ave)**

Stop by to meet with academic experts about majors in CFAES at the Columbus and Wooster campuses. Our building features information and activities from 9:00 a.m. to 3:00 p.m. each day of the Review. High school students will learn about our majors and career opportunities.

College of Veterinary Medicine**(Ohio State Area, 426 Friday Ave)**

- Public Health and Infectious Diseases
- Talk one-on-one with an Ohio State veterinarian.

Family and Consumer Sciences,**OSU Extension** See *Health and Home Safety* below.**Farm Business Office** (Firebaugh Building, 384 Friday Ave)

- Visit with OSU Extension ag business/management professionals for information and resources.
- Ohio Ag and Land Management Tax Information and Resources

Field to Faucet (Firebaugh Building, 384 Friday Ave)

Concerned about harmful algal blooms? Want safe, abundant drinking water? Field to Faucet is a water quality program launched by Ohio State to ensure safe drinking water while maintaining an economically productive agricultural sector.

Field Demos See *Trotter Field Demonstrations* on page 10.**Food Animal Health Research Program****(Ohio State Area, 426 Friday Ave, inside the Science and Technology in Ag and 4-H Tent)**

Interactive, hands-on learning with diseases in animal agriculture. Play the "Stamp Out Disease" arcade game and learn about bacteria facts and disease risks around the home.

GMO Labeling and the U.S. Food System**(Tobin Building, corner of Soybean Ave and Beef St)**

Panel discussion: Tuesday, Sept. 20, 10:00 to 11:00 a.m.

Gwynne Conservation Area See page 11.**Health and Home Safety****(McCormick Building, 389 Friday Ave)**

- Universal Design Exhibit—Tours 9:00 a.m. to 3:00 p.m. daily
- Ohio State Speech and Hearing Exhibit and Hearing Testing—9:30 a.m. to 3:30 p.m. daily
- Madison Health: Health Screenings—10:00 a.m. to 2:00 p.m. daily
- College of Nursing: Health Screenings—10:00 a.m. to 2:00 p.m. daily
- AgrAbility Universal Design Garage Display
- Lowe's Universal Design Product Display
- Madison County/London City Health District
- State Fire Marshal—Safety House Exhibit

Master Gardener Volunteer Program**(Friday Ave between Kottman St and Market St)**

- Information and gardening resources
- Learn about "Ask a Master Gardener"—Answers for your tough lawn and garden questions!
- Find out how YOU can become a Master Gardener Volunteer!

Nutrient Stewardship for Cleaner Water**(Firebaugh Building, 384 Friday Ave)**

Learn about ways to increase nutrient utilization efficiency via in-field and edge-of-field best management practices that limit off-site movement of nutrients while increasing plant productivity through small-plot, on-farm research and education.

Ohio Women in Ag (Firebaugh Building, 384 Friday Ave)

Are you a woman interested or involved in food, agricultural or natural resource production or a small business? Visit the Ohio Women in Agriculture display to find out information about local, state, regional and national networks, opportunities and resources to balance farm, family, community and business.

OSU Extension Resources**(Firebaugh Building, 384 Friday Ave)**

Visit us to learn how to access Extension expertise and resources.

Pesticide and Fertilizer Applicator Exhibit**(1005 Beef St)**

Find out more about **Ohio's Fertilizer Certification Law** and why you need to be certified this coming winter! Let us show you how to reduce drift with the latest spray technology. Talk with experts about pesticide training and record-keeping requirements, and learn how to apply chemicals safely and on target!

Question the Authorities See *Ask the Expert* on page 8.**Production Strategies: Yields, Profits and Water Quality Matter!**

A cooperative effort of The Ohio State University's College of Food, Agricultural, and Environmental Sciences and Beck's

Bus loading areas for tours: <ul style="list-style-type: none"> • Friday Ave near the field demo pickup • Beck's Booth Lot 57 of the FSR exhibit area 	
<i>Times and tours are for Tuesday, Wednesday and Thursday</i>	
Tour 1 (Riding)	Nutrients and Water Best Management Practices <i>Times: 10:00 a.m., 11:30 a.m., 1:00 p.m.</i> <ul style="list-style-type: none"> • Water Quality Research • Nutrient Quantity Monitoring • Tile Spacing • Surface Drainage Versus Tile Drainage • Field to Faucet Initiative
Tour 2 (Riding)	Nutrient Use Efficiency for N and P <i>Times: 11:00 a.m., 12:30 p.m., 2:00 p.m.</i> <ul style="list-style-type: none"> • 4R Nutrient Stewardship Best Management Practices • Corn-After-Corn and Corn-After-Beans Nitrogen Rate Trials • Nitrogen Stabilizer Trials • Nitrogen Timing Trials • N and P On-Farm Research • Field to Faucet Initiative
Tour 3 (Riding)	Precision Ag, Herbicide Platforms and Compaction Trials <i>Times: 10:30 a.m., Noon, 1:30 p.m.</i> <ul style="list-style-type: none"> • Precision Ag • Compaction Trials • Crop Imaging • UAVs in Agriculture • Herbicide Trait Platform Demo • Field to Faucet Initiative

Purdue Extension Bookstore**(Firebaugh Building, 384 Friday Ave)****Science and Technology in Ag and 4-H Tent****(Ohio State Area, 426 Friday Ave)**

Join the Ohio 4-H program and explore STEM (Science, Technology, Engineering and Math) in agriculture through hands-on activities at the 4-H Ag STEM tent. Learn how your 4-H or FFA project, or favorite class in school, is related to CFAES and a future career for you!

Hours: 8:00 a.m. to 5:00 p.m. Tues. and Wed.

8:00 a.m. to 4:00 p.m. Thurs.

Hands-on activities: 9:00 a.m. to 2:00 p.m. each day.

Small Farm Center Building (corner of Equipment Ave and Beef St)

Sponsored by: Ohio State Sustainable Agriculture Team

Time	Tuesday, September 20	Wednesday, September 21	Thursday, September 22
10:30 a.m.	Growing Hops in Ohio—An Update CCA CEU CM 1	Growing Fruit in Containers CCA CEU CM 1	Using Annuals for Forages: Baling vs. Grazing CCA CEU CM 1
11:30 a.m.	Understanding the Need for Forage Testing CCA CEU CM 1	Selection of New and Used Tractors for Your Small Farm	Hedging Weather Risks on Small Acreages: Tips from a Meteorologist CCA CEU CM 1
12:30 p.m.	How's the Health of Your Small Farm's Balance Sheet?	Aquaculture Opportunities in Ohio	Treatment and Control Strategies for Internal Parasites in Small Ruminants
1:30 p.m.	Small-Scale Poultry Production	Growing Super Fruits CCA CEU CM 1	All talks in the Small Farm Center Building are 50 minutes long.
2:30 p.m.	Managing Available Nitrogen from Manure, Compost and Cover Crops CCA CEU NM 1	Planting for Pollinators CCA CEU PM 1	

Small Farm Center Tent (corner of Corn Ave and Beef St)

Sponsored by: Ohio State Sustainable Agriculture Team

Time	Tuesday, September 20	Wednesday, September 21	Thursday, September 22
10:00 a.m.	Specialty Crops for the Ohio Plate	Aquaponics: The Good, the Bad and the Ugly	Understanding Food Insecurity in the United States
11:00 a.m.	Postharvest Sanitizer Use for Fruits and Vegetables	Increasing Fruit and Vegetable Sales With Foodlink	How to Start a Gleaning Program in Your Community
Noon	Getting Started in Hydroponic Production CCA CEU CM 1	Raising Miniature Beef Cattle	Developing a Successful Grant Proposal for Your Farm Business
1:00 p.m.	Developing a Successful Farm on 20 Acres	Cooperative Marketing of Specialty Crops	Growing Vegetables in Parking Lots and Vacant Lots in Dayton CCA CEU CM 1
2:00 p.m.	Growing Under Cover: Are High Tunnels or Greenhouses for You? CCA CEU CM 1	Dealing With Pesticide Drift on a Small Farm CCA CEU PM 1	All talks in the Small Farm Center Tent are 50 minutes long.

Tax Resources See *Farm Business Office* on page 9.**Trotter Field Demonstrations** (Catch shuttle buses at west end of Friday Ave) Trotter Field demonstrations run 1 hour.

Demonstration Times for Tuesday through Thursday	Demonstration Topics						
	12:30 p.m.	GPS Technology/ Strip-till	Nutrient Application Equipment	Tillage, including Vertical Tillage	UAV (Drone)	Soil Sampling	Planter Technology
	1:30 p.m.	Corn Harvest		Corn Stalk Baling and Wrapping		Stalk Shredders	
	2:15 p.m.	Soybean Harvest					
	All day	Field Drainage Installation					

Turfgrass Plots (Ohio State Area, 426 Friday Ave)

Talk with Ohio State turf experts about all of your turf needs and issues.

Uttinger Memorial Garden (near Friday Ave and Market St)

Presentations will take place in the gazebo and Master Gardener Volunteers will be *Millin'* around to answer gardening questions. New this year is an enlarged "fairy garden," straw bale gardening and "Buckeye Lovers." On Wednesday, do some *Chillin'* in the shade and look at a display of container vegetables. On Thursday, Carolyn Hennigan, a Springfield caterer, will be *Grillin'* some new recipes for vegetables and fruit. The Central Ohio Beekeepers will answer questions about how to become a beekeeper and will show some of the equipment needed to get started. Visit us to pick up some gardening ideas to take home, meet old friends, and just enjoy!

Millin' Tuesday: 9:00 a.m. to 4:00 p.m.**Chillin'** Wednesday: 9:00 a.m. to 4:00 p.m.**Grillin'** Thursday: 10:00 a.m. to 2:00 p.m.

Time	Tuesday, September 20	Wednesday, September 21	Thursday, September 22
10:00 a.m.	Tree ID	Raised Bed Gardening	Diabetes Gardening
11:00 a.m.	Container Gardening	"Fave" Garden Tools	Plant ID—Leaves, Fruit, Flowers and Bark
Noon	Benefits of Honeybees	Inside Scope—Honeybee Biology	Over-Wintering Honeybees
1:00 p.m.	Winter Annuals Weed ID and Control	Native Perennials	Attracting Pollinators
2:00 p.m.	Choosing Healthy Plant Material	2016 New Annual Flowers	Garden Soil Fertility

Gwynne Conservation Area (Catch shuttle buses at west end of Friday Ave)

Time	Cabin	Wildlife and Aquatics	Woodland Amphitheatre
Tuesday, September 20			
10:30 to 11:30 a.m.	Things You Should Consider Before Selling Your Timber	Grazing Warm-Season Grasses CCA CEU CM 1	Prairie Plant ID Walk CCA CEU SW 1
11:30 a.m. to noon Noon to 12:30 p.m.	Creepy Crawlers in Your Woods	Hunting and Trapping Rules and Regulations	Invasive Species Identification and Control
12:30 to 1:00 p.m.	Zika Virus Update for Ohio	Pollinators and Native Plants CCA CEU PM 1/2	
1:00 to 1:30 p.m.		Fish Cover	What's New in the World of Invasive Species CCA CEU PM 1/2
1:30 to 2:00 p.m.	Wildlife Night Sounds		Trees and Taxes
2:00 to 2:30 p.m.		Methods for Reducing Black Vulture and Coyote Predation on Livestock	Tree ID
2:30 to 3:00 p.m.	Attracting Songbirds to Your Property		
Wednesday, September 21			
10:30 to 11:00 a.m.	Things You Should Consider Before Selling Your Timber	Fish Stocking in Ponds	The Good, the Bad and the Ugly: Managing Disease on Common Trees and Shrubs
11:00 to 11:30 a.m.		Measuring Dry Matter in Grazing Systems CCA CEU CM 1/2	What's New in the World of Invasive Species CCA CEU PM 1/2
11:30 a.m. to noon Noon to 12:30 p.m.	Delaying Age: The Struggle to Maintain Ponds at the "Young" End of the Continuum	Food Plots	Tree Planting
12:30 to 1:00 p.m.	How to Kill a Tree	Deer Exclusion Fence	
1:00 to 1:30 p.m.		Managing Aquatic Vegetation	
1:30 to 2:00 p.m.			Low-Impact Logging—Is It Right for You?
2:00 to 2:30 p.m.		Hydroponics CCA CEU CM 1/2	
2:30 to 3:00 p.m.	Who Is Using My Bluebird Box?	Aquaponics	Plant Scene Investigator: What Is Wrong With My Tree?
Thursday, September 22			
10:30 to 11:00 a.m.	Delaying Age: The Struggle to Maintain Ponds at the "Young" End of the Continuum	Managing Nutrients on Pasture CCA CEU NM 1	The Good, the Bad and the Ugly: Managing Disease on Common Trees and Shrubs
11:00 to 11:30 a.m.			Tree ID Walk
11:30 a.m. to noon	Vermicomposting	Basics of Pond Aeration CCA CEU SW 1	
Noon to 12:30 p.m.	Backyard Composting		
12:30 to 1:00 p.m.	Aquatic Plant Management	Top Ten Ways to Attract Wildlife to Your Woodland	



See the map for the locations of the following events:

- Pasture and Grassland Management Tours: 12:30 to 1:30 p.m. daily **CCA CEU CM 1**
- Chainsaw Safety and Maintenance: Tuesday and Wednesday, 12:30 to 2:30 p.m.; Thursday, 11:30 a.m. to 1:30 p.m.
- SWCD National Archery Program in Archery Trailer: 10:00 a.m. to 3:00 p.m. daily
- Preparing for the Envirothon: 9:30 to 10:45 a.m. daily
- Protecting Ohio's Rivers and Streams (demo): 11:00 a.m. to 1:00 p.m. Wednesday