

2015 FARM SCIENCE REVIEW Schedule of Events

Trotter Field Demonstrations

Catch shuttle buses at west end of Friday Ave • Demos run 1 hour

TUESDAY, SEPTEMBER 22		WEDNESDAY, SEPTEMBER 23		THURSDAY, SEPTEMBER 24	
12:30	GPS Technology/Strip-till Nutrient Application Equipment Tillage, including Vertical Tillage UAV (Drone) Soil Sampling Planter Technology	12:30	GPS Technology/Strip-till Nutrient Application Equipment Tillage, including Vertical Tillage UAV (Drone) Soil Sampling Planter Technology	12:30	GPS Technology/Strip-till Nutrient Application Equipment Tillage, including Vertical Tillage UAV (Drone) Soil Sampling Planter Technology
1:30	Corn Harvest Corn Stalk Baling and Wrapping Stalk Shredders	1:30	Corn Harvest Corn Stalk Baling and Wrapping Stalk Shredders	1:30	Corn Harvest Corn Stalk Baling and Wrapping Stalk Shredders
2:30	Soybean Harvest	2:30	Soybean Harvest	2:30	Soybean Harvest
All day	Field Drainage Installation	All day	Field Drainage Installation	All day	Field Drainage Installation

Center for Small Farms

155 Corn Ave • Located at corner of Corn Ave and Beef St

	TENT	BUILDING				
	10:00	Developing Successful SARE Grant Proposals for Your Farm Business	10:00	Production and Marketing of Super Berries	10:00	Using Cover Crops to Improve Nutrient Efficiency
	11:00	Understanding Food Marketing Regulations	11:00	Walk Behind Tractors & Their Application on Small Farms	11:00	Soil Quality Testing and Interpretation
	12:00	Getting Started With Aquaponics	12:00	Raising Miniature Beef Cattle	12:00	Reviewing Your Small Farm's Legal Well-Being
	1:00	Pricing Your Farm Products for Profit	1:00	Producing Barley for Malting	1:00	What's Hot and What's Not? Choosing an Alternative Agricultural Enterprise
	2:00	Aquaculture Opportunities in Ohio	2:00	Economics of Organic Grain Production	2:00	Oh My Aching Back-Farm Health & Safety on Small Farms
	11:30	Nutrient Cycling in Cover Crop Systems	10:30	Hops Production in Ohio	10:30	Urban Agriculture-Can American Cities Feed Themselves?
	12:30	Interseeding Soybeans into Wheat	11:30	Dairy Goats 101	11:30	Food Safety & FSMA for Small Farms
	1:30	To Certify Organic or Not? Separating the Production and Certification Issues	12:30	Are You Market Ready?	12:30	Building a Sustainable Urban Ag Enterprise or Project
	2:30	Small Scale Poultry Production	1:30	Getting Into Beekeeping	1:30	Good Agricultural Practices for Water Use in Fruits and Vegetables
			2:30	Farmlink: A New Method to Link Consumers With Farm Fresh Foods	2:30	Integrated Pest Management for Urban Farms

Utzinger Memorial Garden

Near Friday Ave and Market St • All talks run for 1 hour

9:00-4:00	Millin'	9:00-4:00	Chillin'	9:00-4:00	Grillin'
10:00	Natives	10:00	Small Space Gardening	10:00	The Newest Annuals for Your Flower Beds
12:00	Central Ohio Beekeepers	11:00	Garden and Insect Photography	11:00	Pruning Woody Plants in the Home Garden
1:00	Gardening for Beneficials	12:00	Beekeeping	12:00	Central Ohio Beekeepers
2:00	Healthy Food	1:00	Insects in the Vegetable Garden	1:00	Spring Into Fall: Growing Vegetables All Season
		2:00	Plant Scene Investigator: What's Wrong With My Plant and Who Did It?		

McCormick Building

389 Friday Ave • Near Friday Ave and Market St

TUESDAY, SEPTEMBER 22

- 9:00-3:00 Universal Design Tours
- 9:30-3:30 OSU Hearing Tests
- 10:00-2:00 Madison Health - Health Screenings
- 10:00-2:00 College of Nursing - Health Screenings

WEDNESDAY, SEPTEMBER 23

- 9:00-3:00 Universal Design Tours
- 9:30-3:30 OSU Hearing Tests
- 10:00-2:00 Madison Health - Health Screenings
- 10:00-2:00 College of Nursing - Health Screenings

THURSDAY, SEPTEMBER 24

- 9:00-3:00 Universal Design Tours
- 9:30-3:30 OSU Hearing Tests
- 10:00-2:00 Madison Health - Health Screenings
- 10:00-2:00 College of Nursing - Health Screenings

Question the Authorities

426 Friday Ave • OSU Area

- 9:00 Grain Outlook
- 9:20 Current Veterinary Concerns
- 9:40 Drones in Ag: Know the Law
- 10:00 Current Veterinary Concerns
- 10:20 Farming the Bottom Line With Drones
- 10:40 Managing Your Farm in an Economic Downturn
- 11:00 Business Succession Planning
- 11:20 Public Health & Animals
- 11:40 Grain Outlook
- 12:00 Farmland Prices & Rental Rates
- 12:15 Is the Farm Balance Sheet in Trouble?
- 12:30 Grain Outlook
- 12:45 Crop Budgets
- 1:00 Drones in Ag: Know the Law
- 1:20 Grain Outlook
- 1:40 Antimicrobial Use & Resistance
- 2:00 Managing Your Farm in an Economic Downturn
- 2:15 Farm Lease Legal Checklist
- 2:30 Profitable Pricing for Farm Products
- 2:45 OSHA and AG, Fact vs Fiction

- 9:00 Antimicrobial Use & Resistance
- 9:20 Poultry Health: Public Concern?
- 9:40 Grain Outlook
- 10:00 Managing Farm Performance
- 10:20 Controlling Spread of Disease Outbreaks
- 10:40 Avian Flu & Egg Production
- 11:00 Grain Outlook
- 11:20 Food Prices
- 11:40 Can American Cities Feed Themselves?
- 12:00 Grain & Food Markets
- 12:25 Growing Beer (Hops & Barley) in Ohio
- 12:45 Cost Per Bushel? Or Per Acre?
- 1:05 Grain Outlook + Organic Markets
- 1:30 Farmland Prices & Rental Rates
- 1:45 Managing Farm Labor
- 2:00 Antimicrobial Use & Resistance
- 2:15 Grain Outlook
- 2:30 Drones in Ag: Know the Law
- 2:45 OSHA and AG, Fact vs Fiction

- 9:00 Estate Planning
- 9:20 Farmland Prices & Rental Rates
- 9:40 Is the Farm Balance Sheet in Trouble?
- 10:00 OSHA and AG, Fact vs Fiction
- 10:20 Grain Outlook
- 10:40 Farm Economy & Policy
- 11:00 Farmland Prices & Rental Rates
- 11:20 Grain Outlook
- 11:45 Farm Economy & Policy
- 12:00 Antibiotic Use & Resistance
- 12:20 Animal Welfare & Behavior
- 12:40 Poultry Health: Public Concern?
- 1:00 Public Health & Animals
- 1:20 Crop Budgets

Field to Faucet Water/ Nutrient Research Tours:

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

Shuttle buses for these tours load between Gates I and J on the west end of the FSR exhibit area. Agronomy Tours are conducted Tuesday, Wednesday and Thursday.

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|-------|---------------------------------------------------------------|-------|---------------------------------------------------------------|
| 10:00 | Nutrients and Water BMP's; Precision Ag and Compaction Trials | 12:30 | Nutrients and Water BMP's; Precision Ag and Compaction Trials |
| 10:30 | Nutrient Use Efficiency for N and P; High Yield Factors | 1:00 | Nutrient Use Efficiency for N and P; High Yield Factors |
| 11:00 | Nutrients and Water BMP's; Precision Ag and Compaction Trials | 1:30 | Nutrients and Water BMP's; Precision Ag and Compaction Trials |
| 11:30 | Nutrient Use Efficiency for N and P; High Yield Factors | 2:00 | Nutrient Use Efficiency for N and P; High Yield Factors |
| | | 2:30 | Nutrients and Water BMP's; Precision Ag and Compaction Trials |
| | | 3:00 | Nutrient Use Efficiency for N and P; High Yield Factors |

FARM SCIENCE REVIEW **FSR9**

Gwynne Conservation Area

Catch shuttle buses at west end of Friday Ave

Occuring daily:

Preparing for the Envirothon (OSU Preservice AgriScience Teachers):

Tuesday, Wednesday & Thursday, 9:30-10:45 a.m.

TUESDAY, SEPTEMBER 22

Aquatic & Wildlife Amphitheatre

- 10:30-11:30 The Ever-Flipped Pond: Better Water Quality Through Aeration
- 11:30-12:30 Food Plots
- 12:30-1:30 Bluebird Bios
- 1:30-2:30 Native Grass and Wildflower ID
- 2:30-3:00 Is My Pond Toxic?

WEDNESDAY, SEPTEMBER 23

- 10:30-11:30 How to Build an Effective Deer Exclusion Fence
- 11:00-12:00 Management and Basics of Pond Aeration
- 12:30-1:00 Aquatic Vegetation Management
- 1:00-2:00 Bats: What You Didn't Learn Watching Batman
- 2:00-2:30 Is My Pond Toxic?
- 2:30-3:00 Fish Species Selection and Stocking in Ponds

THURSDAY, SEPTEMBER 24

- 10:30-11:30 Management and Basics of Pond Aeration
- 11:30-12:00 Fish Species Selection and Stocking in Ponds
- 12:00-1:00 Aquatic Vegetation Management
- 12:30-1:00 Is My Pond Toxic?

Interpretive Center-Log Cabin

- 11:00-11:30 Going Native in the Garden
- 11:30-12:00 Energy Savings for Households and Congregations: Energy Stewards
- 12:00-12:30 Environmental Impacts of Shale Oil and Gas Industry
- 12:30-1:00 Rain Barrels
- 1:00-2:00 Options for Wetland Restoration

- 10:30-11:30 Nature's Gliders: The Flying Squirrels
- 12:00-1:00 Tree Selection: Choosing the Right Trees for Your Site
- 1:00-1:30 Home Composting

- 10:30-11:00 Rain Barrels
- 11:00-11:30 Environmental Impacts of Shale Oil and Gas Industry
- 12:00-1:00 Tree Selection

Woodland Amphitheatre

- 11:30-12:00 Woodland Invasive Species ID and Control
- 12:00-1:00 Introduction to Tree ID
- 1:1-1:30 Another "Boring" Talk: Asian Longhorn Beetle Update
- 1:30-2:00 Trees and Taxes

- 10:30-11:30 The Alphabet Soup of Invasive Species: TCD, HWA, EAB, ALB, GM, VLB, and more!
- 11:30-12:30 Conservation Tree Planting
- 12:30-1:30 Woodland Invaders - Plants that Grow Everywhere!
- 1:30-2:30 Options for Wetland Restoration

- 11-11:30 Emerald Ash Borer: After the Big Wave, What's Next?
- 11:30-12:00 Keys to Tree ID
- 12:00-1:00 Options for Wetland Restoration



FSR10 FARM SCIENCE REVIEW

Ohio State Schedule

Ongoing sessions daily: Tuesday, Wednesday and Thursday

Agronomic Crops Team (Outside of east gates A, B, C, D, E)

Talk with Agronomic Crops experts about current issues and trends, learn the history of corn and soybeans, and troubleshoot your current problems.

- Scouting with Drones
- Manure Management Demos
- Nutrient Management & New Regulations
- Pests on Soybeans
- What's the RIGHT Nitrogen Rate on Corn?
- Long-Term Soil Quality Plots for Discussion
- Cover Crop Demonstrations
- Weeds - ID, Plots, and Applications
- Making Yield in Corn
- No GMOs here? A discussion about plant breeding and speed of the process
- Stop by for a CCA CEU plot tour to get your ½ hour on PM, CM, SW & NM

OSU Area (426 Friday Ave)

- Grain C.A.R.T. Tours (Community Agricultural Rescue Trailer)
- Food Animal Health Research Program - Interactive, hands-on learning with diseases in animal agriculture
- Mobility Scooter Charging Station, 9 a.m.-4 p.m.
- Question the Authorities
- College of Veterinary Medicine
 - Public Health and Infectious Diseases
 - Talk one-on-one with an OSU Veterinarian
- Grain Bin Lifeline Simulator Demonstrations
- Ohio AgrAbility Program - Farmers Sharing Experiences to Problem Solve Panel Discussion - Daily @ 10 a.m. & 1 p.m.
- Assistive technology displays
- "Stomp Out Disease" Arcade Game
- Bacteria facts & disease risks around the home
- Talk with OSU CFAES Turf experts about all of your turf needs & issues

Bailey Building (383 Friday Ave)

Who makes the world better every day? We're the ones. Stop by our building to meet with the academic experts about majors in the College of Food, Agricultural, and Environmental Sciences at the Columbus and Wooster campuses.

Our building will feature information and activities from 9 a.m.-3 p.m. each day of the Review. High school students will learn about our majors and career opportunities.

McCormick Building (389 Friday Ave)

- College of Education and Human Ecology
- OSUE Family and Consumer Sciences - Universal Design Exhibit - Tours available
- State Fire Marshal - Safety House Exhibit
- Madison County/London City Health District
- College of Nursing - Health Screenings
- AgrAbility Universal Design Garage Display
- Lowes Universal Design Product Display
- Madison Health - Health Screenings
- OSU Speech and Hearing Exhibit and Hearing Testing

Science and Technology in Ag Tent (426 Friday Ave)

The Ohio 4-H Program is conducting interactive activities focused on the four H's - Head, Heart, Hands and Health - with a special emphasis on STEM - Science, Technology, Engineering and Math - related to CFAES and careers.

- 4-H AG STEM (Science, Technology, Engineering & Math) Activities
- Ohio BioProducts Innovation Center Demonstrations
- Hands-on learning activities with polymers, soybean oil, etc.

OSU-Beck's Hybrids Joint Research Projects on Water Quality

(Beck's Hybrids Practical Farm Research site on Rt. 40; shuttle buses depart between Gates I and J)

These joint research projects are a part of the Field to Faucet initiative, OSU's new program to ensure safe drinking water while sustaining an economically productive agricultural sector.

Firebaugh Building (384 Friday Ave)

OSU & Purdue Extension eStore

- Visit us to find out how to access publications, fact sheets and videos produced by OSU and Purdue Extension

Ag Law Office

- Drones and Ag: Know the Laws
- Farm Lease Legal Checklist
- Ohio's New Farm Employment Law Handbook
- Considerations for Pipeline Easement Agreements

Drone Technology

Farm Business Office

- Visit with OSU Extension Ag Business/Management professionals for information and resources

Ag Tax Office

- Visit with OSU Extension Ag Tax professionals for information and resources
- Ohio Ag Tax Resources & Info on the OSU Tax Schools for Ag Tax Preparers

Ohio Women in Ag/Annie's Project

- Join us for video presentations, special incentives, and learn valuable insights from our featured women agriculturalists
- Ohio Women in Agriculture Learning Network is focusing on agricultural sustainability with women producers from across nine areas of the state

Byrd Polar & Climate Research Center

- Weather Forecasting and participate with the National Climate Assessment and U.S. Climate Resilience Toolkit

Ag Answers

- Membership sign-up & Ag News YOU can USE!

Nutrient Stewardship for Cleaner Water

- OSU Extension's Nutrient Stewardship for Cleaner Water Signature Program addresses ways of increasing nutrient utilization efficiency via in-field and edge-of-field best management practices that limit off-site movement of nutrients while increasing plant productivity thru small plot, on farm research and education.

Field to Faucet

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

Chemical Load Rinse Pad (1005 Beef St)

The latest pesticide application technology including demonstration of precision application nozzles. Exhibits at the site will include timely information on innovative ways to control drift, details about Ohio's Sensitive Crop Registry, and information about the NEW Fertilizer Certification Regulations.

Bio-Energy/Bio-Mass/OBIC (Located at Plot area, Gate B)

The Ohio State University and Purdue have teamed up to give you the latest information and research on biofuels, and bioproducts as well as solar energy. Come check out the display to learn the latest. OBIC Bioproduct Innovation Center will show you the latest products using corn, soybeans and plant based products from Ohio's crops. Come pick up some free samples!

Mobile Solar Unit (Located at Plot area, Gate B)

Renewable energy development presents new social, economic and environmental opportunities and challenges to landowners, farms, businesses and impacted communities. Stop by and see what our Mobile Solar Unit "powers up" and how you can bring this technology to your farm or business!

Tobin Building

1001 Beef St • Located at corner of Soybean Ave and Beef St

Tuesday, 10-11

Water Quality, Water Quantity, Water Questions 2015

Morton Building

513 Land Ave

Wednesday, 10:30-11:30

"I'm a Farmer - Not a Spokesperson!" social media panel

FARM SCIENCE REVIEW **FSR11**