Hello Northeast Ohio Counties!

The weather forecast for this week finally looks like winter, with a chance of snow almost every day of through the weekend. It will be interesting to see if the snow storm this weekend brings as much snow as they’re calling for now. Stay safe and warm out there.

Tomorrow we will be holding the Trumbull County PAT. We still have more dates here in Northeast Ohio so make sure to register if you need to renew.

Check the upcoming events at the bottom of this newsletter for Northeast Ohio dates and locations for PAT and more.
Extensive Spread of Corn Toxin Could Affect 2019 Crop
By Alayna DeMartini

COLUMBUS, Ohio—A wetter than normal summer and fall in Ohio led to the worst spread of a toxin on corn in at least a decade, according to a grain disease expert with The Ohio State University.

And next year’s crop may be at risk as well. The fungus that produces the toxin can survive the winter, particularly if stalks or other plant material from the 2018 corn crop are left on the surface of the soil, said Pierce Paul, an Ohio State University Extension specialist in corn and small grain diseases. OSU Extension is the outreach arm of the College of Food, Agricultural, and Environmental Sciences (CFAES).

The extent of vomitoxin across Ohio and the rest of the Corn Belt led some farmers to receive a lower price for their crop, Paul said.

High moisture levels spur the spread of vomitoxin, which can cause people and animals to get sick. The rainy summer and fall in the state and across the Midwest not only left more moisture in fields, but also delayed some farmers from harvesting. And any corn left standing in wet fields becomes more susceptible to vomitoxin, Paul said. Gibberella ear rot, a fungal disease that produces vomitoxin, also sucks nutrients out of corn, leading to smaller and lighter kernels, which can reduce yields and what farmers earn for the grain.

“I know there were farmers who had problems with price discounts, and some had their grain completely rejected,” Paul said.
Vomitoxin can cause animals, particularly pigs, to vomit or simply refuse to eat the tainted corn. If contaminated grain or grain products are consumed, this toxin can also make people ill, which is why the U.S. Food and Drug Administration has set strict limits on the amount of vomitoxin allowed in grain for human and animal consumption.

Moldy corn still can be used to produce ethanol. But the byproduct of ethanol production, typically a rich source of nutrients for animals, cannot be given to them because it will have a high concentration of vomitoxin, Paul said.

Vomitoxin can also contaminate wheat and barley. However, in Ohio, both of these crops were harvested by the first few weeks of July and were out of the fields before the persistent rains came, Paul said.

Not every cornfield had a problem with vomitoxin, because rainfall amounts are never uniform across the state.

The fields that were tainted with vomitoxin could still be a problem next season if the same or another susceptible hybrid is planted, Paul said. Gibberella ear rot can survive in a field through winter and potentially harm the new crop if wet weather occurs, and “there’s nothing you can do after the fact” to control the disease, Paul said.

As a result, it’s important for farmers to choose corn seed that’s resistant to the fungus, he said. No corn hybrid is totally immune to Gibberella ear rot.

So, buying a hybrid that resists the disease is akin to people getting a flu shot. The hybrid does not guarantee that the crop will not get the disease, but it reduces the odds of that happening. If the crop does get infected, the damage is less extensive.

In a field contaminated with vomitoxin, burying the stalks and other plant material that remain will help reduce, but won’t eliminate, the spread of the fungus in next year’s crop, Paul said.

Symptoms of Gibberella ear rot include pinkish mold. But it can be easy to overlook if a growing crop has been tarnished by the fungus because the husk covers up where the damage occurs, on the ear of the corn.

“A lot of farmers are caught off guard,” Paul said. “After you harvest the grain or when you take it into the grain elevator, that’s when you start seeing weird stuff and realize you have a problem.”

For more information on vomitoxin, see go.osu.edu/vomitoxinfacts
Ohio Maple Days are coming, a chance to prep for syrup season

By Gary Graham
Source: https://cfaes.osu.edu/news/articles/ohio-maple-days-are-coming-chance-prep-for-syrup-season

WOOSTER, Ohio—What will Ohio’s recent weather—wet last year, warmish this winter—mean for the coming maple syrup season?

It’s one of the topics at this year’s Ohio Maple Days program, an educational event for syrup producers set for three dates in three locations: Jan. 17 in Fulton, Jan. 18 in Fredericksburg, and Jan. 19 in Middlefield. The program will be the same at all three locations.

Last year, Ohio ranked eighth nationally in maple syrup production, with a reported yield of 90,000 gallons, according to the U.S. Department of Agriculture’s National Agricultural Statistics Service.

WEATHER EFFECTS, NEW MAPLE SCIENCE

Featured speaker Tim Perkins, director of the University of Vermont’s Proctor Maple Research Center, will discuss what Ohio’s soggy 2018 and un-winter-like winter so far could mean to this year’s sap yields, for good or for bad. Ohio had its third-wettest year ever last year, capped by an especially rainy fall.

Perkins also will share the center’s long-term research findings on spout and tubing sanitation, including the sanitation’s effects on sap yields and net profits and how producers can calculate its benefits. Those findings show that the economic benefits of improving sanitation outweigh the costs, said Ohio Maple Days organizer Gary Graham.

“Sanitation plays a key role in maple production,” said Graham, who leads the Maple Syrup Program at The Ohio State University College of Food, Agricultural, and Environmental Sciences.

Northeast Ohio Agriculture

OHIO STATE UNIVERSITY EXTENSION
Ashtabula and Trumbull Counties
“all mold and bacteria need to grow is moisture and food, both of which are in maple sap and syrup.”

NEW FOOD SAFETY REGULATIONS
Another featured speaker, Dan Milo, will explain new portions of the Food Safety Modernization Act, set to be implemented this year, that affect producers of maple syrup. Milo is food safety supervisor with the Ohio Department of Agriculture’s Division of Food Safety and is a hobby syrup producer himself.

Graham will present a session called “Maple Nuggets” during which he’ll share additional news and updates and answer producers’ questions.

There will be a trade show at each location; reports by the Ohio Maple Producers Association and by Ohio State University Extension, which is the outreach arm of CFAES; and free testing of hydrometers, refractometers, and Vermont Temporary Maple Syrup Grading Kits that attendees are invited to bring.

3 DATES, 3 LOCATIONS
The Jan. 17 event will be at Lutheran Memorial Camp, 2790 State Route 61, in Fulton. On Jan. 18, the program takes place at the Mennonite Christian Assembly Church, 10664 Fryburg Road, in Fredericksburg. The Jan. 19 event is set for the Huntsburg Community Center, 12396 Madison Road, in Middlefield, which is a new location from previous years. The hours for all three events are 8 a.m. to 3 p.m.

HOW TO REGISTER
Attendees can preregister by mail through Jan. 11, which costs $35 and includes lunch; preregister by phone after Jan. 11, which costs $35 and includes lunch; or register at the door, which costs $40 but doesn’t guarantee lunch. For details, including how to register, visit go.osu.edu/Ch3n or call Ashley Gerber, 330-674-3015.

Local Dicamba Training Available
Local pesticide applicators that will be applying new dicamba products this year will need to obtain their annual training to learn about the new rules and restrictions. WI Miller and Sons (3500 Gardner Barclay Rd., Farmdale, OH 44417) will be hosting a Monsanto dicamba training session on February 6, 2019 from 9:30 A.M. to noon. Preregistration is requested, and you can register online at http://www.cvent.com/d/x6qn7y. Call WI Miller and Sons with any questions 330-876-6573.
Scholarship opportunity available

A SCHOLARSHIP FOR STUDENTS…interested in horticulture is available through the Men's Garden Club of Youngstown. It is open to any student in horticulture that is from Mahoning, Trumbull, Columbiana, Stark and Portage Counties in Ohio and Mercer and Lawrence Counties in PA.
APPLICATION: https://mgcy.org/scholarship
DEADLINE: March 1, 2019
QUESTIONS: Bob Schulick, oldsmang2@aol.com, 330-727-1674

China gives long-awaited GM crop approvals amid U.S. trade talks
By Dominique Patton

China approved five genetically modified (GM) crops for import on Tuesday, the first in about 18 months in a move that could boost its overseas grains purchases and ease pressure from the United States to open its markets to more farm goods.

The United States is the world’s biggest producer of GM crops, while China is the top importer of GM soybeans and canola.

U.S. farmers and global seed companies have long complained about Beijing’s slow and unpredictable process for approving GM crops for import, stoking trade tensions between the world’s two largest economies.

The approvals, announced on the agriculture ministry’s website, were granted while a U.S. trade delegation is meeting with its counterparts in the Chinese capital this week.

“It’s a goodwill gesture toward the resolution of the trade issue,” said a China representative of a U.S. agricultural industry association.

"It’s been in the system for a long time but they chose today to release this good news," he added, declining to be identified due to the sensitivity of the matter.

The approved products included DowDuPont Inc's (DWDP.N) DP4114 Qrome corn and DAS-44406-6 soybean, known as Enlist E3, as well as the SYHT0H2 soybean developed by Bayer CropScience and Syngenta (SYENF.PK) but now held by German chemical company BASF. The other two newly approved products - BASF’s RF3 canola and Bayer-owned (BAYGn.DE) Monsanto’s glyphosate-tolerant MON 88302 canola - had been waiting six years for permission.
The approvals came as farmers in North America were deciding which seeds to plant this spring. China before the trade war bought some 60 percent of U.S. soybeans and U.S. farmers do not widely plant varieties it has not approved.

The newly approved canola will allow farmers in Canada to boost production, according to Jim Everson, president of industry group the Canola Council.

“The industry expects growers will produce $400 million more canola every year using the same amount of land - a step-change for canola productivity,” Everson said in a statement. Five other products known to be seeking approvals were not given the green light, including two GM alfalfa products developed by Monsanto and two DowDuPont soybean traits.

Corteva Agriscience, the agriculture unit of DowDuPont, said, “We are happy to see the regulatory approval of our seed traits progressing in China.”

Bayer said in a statement it welcomed the news but noted “many of these products were stuck in China’s regulatory process for many years and others were not granted approvals, underscoring the need for continued improvement in China’s regulatory processes.”

Chinese officials met their U.S. counterparts in Beijing on Monday for the first face-to-face talks since U.S. President Donald Trump and Chinese President Xi Jinping agreed in December to a 90-day truce in a trade war that has roiled global markets.

China had not approved any GM crops for import since July 2017, when it cleared two products following high-level talks with Washington. It also approved two products in June 2017. China’s scientific advisory board on GM crops met in June but did not give the go-ahead for imports of any products.

“China’s approval of the new GMO products is paving the way for China to import large volumes of U.S. soybeans in the future. It is a positive signal,” said Li Qiang, chief analyst with Shanghai JC Intelligence Co Ltd.


China does not allow the planting of genetically modified food crops, but imports of GM crops such as soybeans and corn for animal feed are fine.

The country, the world’s biggest soybean consumer, has so far purchased only about 5 million tonnes of the 2018 U.S. soy harvest, a fraction of its typical purchases.
The United States has demanded that China change its GM crop import application process to make it more transparent, timely and based on scientific methods.

The latest approvals should not be taken as a sign that China is conceding to those demands, said a China-based industry source, who also asked not to be named because of the sensitivity of the matter.

“It’s another piece of evidence that China’s approval process is not entirely scientific but political,” said the source, who also believed the approvals were timed for the trade visit.

The ministry also announced on Tuesday the extension of import approvals for 26 other GM crops by a further three years.

**Trumbull County Farmer Lunch Series**

OSU Extension Trumbull County, Trumbull County Soil and Water Conservation District, and the NRCS have combined efforts to offer a farmer lunch seminar series that will cover a variety of topics relevant to NE Ohio. Each program will start with lunch at 11:30A.M. sponsored by the Trumbull County Holstein Club followed by a 1-hour presentation. Cost for individual programs is $10/person. If you would like to register for all four programs, the cost is $35/person.

*Wednesday, February 20, 2019 – NE Ohio Agronomy School in Bristolville, OH*

Tuesday, March 5, 2019 – Climate Impacts for Ohio Agriculture
- Aaron Wilson, OSU Byrd Polar and Climate Research Center
- Our changing climate has already influenced how Ohio farmers operate. Learn how predicted climate changes will continue to drive changes in Ohio agriculture. CCA credits available.

Tuesday, April 2, 2019 – Tillage Affects on Soil Health
- Steve Culman, Assistant Professor, State Specialist in Soil Fertility
- New tillage technologies are arriving each year, but are they hurting your soil health? Learn how tillage, and other practices can improve or hurt your soils health. CCA credits available.
Upcoming Events

Trumbull County Farmer Lunch
March 5, 2019 – Climate Impacts for Ohio Agriculture
April 4, 2019 – Tillage and Soil Health

Northeast Ohio Agronomy School
February 20, 2019 – Bristolville Community Center

Ashtabula County Dairy Banquet
March 26, 2019

Pesticide Applicator Training Dates
Trumbull County – January 16, 2019
Geauga County – February 1, 2019
Portage County – February 8, 2019
Ashtabula County – February 28, 2019
Geauga County “Last Chance” – March 28, 2019

New Pesticide Applicator Training
Geauga County – February 12, 2019
Trumbull County – March 12, 2019

New Fertilizer Certification Training
Trumbull County – February 23, 2019  9A.M. to 12P.M

Central Ohio Precision Ag Symposium
January 16, 2019 - All Occasions Catering  6986 Waldo-Delaware Rd., Waldo Ohio 9 a.m. to 4 p.m.
2018 Post Fermentation Wine Quality Control Workshop

Due to the success, interest and importance of the regional Post Fermentation Wine Quality Workshops, the OSU/OARDC Enology program will once again conduct the annual 2018 Post Fermentation Workshops for the Ohio commercial wine industry. This is considered by many attendees as one of the best and most applicable workshops of evaluating and enhancing individual commercial wine quality.

These workshops are typically focused on evaluating wines made from the current vintage (2018). However, it is also acceptable to evaluate other vintages that we plan to release in the near future for commercial acceptance and quality standards.

The Post Fermentation Workshops look to evaluate:

- Wines of good to excellent quality in sharing with the group
- Wines considered as being good in quality with beneficial discussion on ways of making them even better!
  - Accomplished through further fining or blending trials
- Wines which may exhibit possible off flavors, aromas or precipitates in our tanks
  - Learn how to recognize specific faults if present
  - Many faults can be remedied if detected early enough in the vinification process
  - People vary in their ability in detecting certain wine faults

The regional workshops continue to be done in a relaxed social format with winery personnel participating in an educational discussion of the wines being presented. Wines being submitted for possible flaws will be presented in a constructive format with possible remedies or treatments being suggested at this stage of vinification. One 750ml sample should suffice to share with the group in a regional setting. However, some groups have been large enough in past workshops that benefit from bringing two 750ml sample’s for sensory evaluation if feasible.

A brief harvest overview and updates will be provided by the OARDC enology and viticulture program for group discussion. Besides the educational benefits being provided at the workshops, they also provide the opportunity of cohesiveness within our wine industry. This holds especially true due to the Ohio wine industry growing significantly over the past decade. The workshops will also include a tour of the hosting winery which is likely to develop important questions and conversation. We make an effort in hosting these events at different wineries in showcasing the diversity we currently have in the state of Ohio.
Regional Settings:

1. Paper Moon Vineyards
2008 State Rd.
Vermillion, OH 44089
Phone: (440) 967 - 2500
Web site: http://papermoonvineyards.com/

2. Vinberige Winery
5400 St. Route 204
Glenford, OH 43739
Phone: (740)-670-3989
Web site: http: https://vinberigevineyards.com/

3. Valley Vineyards
2276 E. U.S. Routes 22 and 3
Morrow, OH 45152
Phone: (513) 899 - 2485
Web site: http: https://www.valleyvineyards.com/

4. Laurentia Vineyards & Winery
4599 South Madison Rd.
Madison, OH 44057
Phone: (440) 296 - 9175
Web site: http://laurentiawinery.com/

Time:

1. Paper Moon Vineyards: Tuesday, December 11, 2018, 1:00 – 5:00 pm.
2. Vinberige Winery: Tuesday, December 18, 2018, 1:00 – 5:00 pm.
3. Valley Vineyards: Tuesday, January 8, 2019, 1:00 – 5:00 pm.
4. Laurentia Vineyards & Winery: Tuesday, January 22, 2019, 1:00 – 5:00 pm.

Cost: Free

Note:
- If you plan on attending one of the regional workshops or would like any additional information please contact Todd Steiner by phone at office: (330) 263-3881 cell: (330) 464-2239 or e-mail at steiner.4@osu.edu to enable us to get a better count for the hosting winery. Also, please indicate a contact e-mail and cell phone to touch base in case of inclement weather.

We encourage participation by bringing wine for sensory evaluation but ask that you limit your selection to several wines of most interest to you in sharing with the group for sensory evaluation and feedback.

Sincerely,

Todd Steiner
Todd Steiner, Enology Program Manager & Outreach Specialist
January 9, 2019

News Release
CONTACTS:
Jacqueline Kowalski  
Agriculture & Natural Resources Educator  
OSU Extension, Summit County  
kowalski.124@osu.edu

Robin Christensen  
Agriculture & Natural Resources Educator  
OSU Extension, Portage County  
christensen.227@osu.edu

FOR IMMEDIATE RELEASE:  

Annie’s Project Course- Empowering Women in Agriculture

OSU Extension in Summit and Portage Counties are teaming up to offer Annie’s Project from February 21 – March 28, 2019. Annie’s project is a six-week program designed to address risk management education for farm women. Its objective is to educate women entrepreneurs so that they are more prepared to make farm management decisions. While a large number of farm women own and operate farms, others play a major role in the decision-making process of farm operations for farm families. Annie’s Project provides in-depth sessions on topics that are important for decision-making of the family farm. The program topics covered include human resources, legal risks, financial risks, marketing risks, and production costs and risks. Sessions are designed to be very interactive between the presenters and the participants. Information presented is tailored to meet the needs of participants in their own geographical areas.

Annie was a woman who grew up in a small rural community with the life-long goal of being involved in production agriculture. She spent her lifetime learning how to be an involved business partner with her husband, and together they reached their goals and achieved success. Annie’s daughter, Ruth Hambleton, a former Extension Educator for the University of Illinois, founded Annie’s Project in 2000 in honor of her mother. Annie’s Project is designed to take Annie’s life experiences and share them with other women in agriculture who are living and working in this complex, dynamic business environment. Additional details on Annie’s life can be found here.

The 6-week training will begin on Thursday, February 21 at 6:00 pm, with dinner starting at 5:30 pm. Registration is due February 14, 2019. Classes will rotate between the Summit and Portage County Extension offices in Stow and Ravenna. The course fee is $100.

Please contact Robin Christensen with questions or for an application at 330-296-6432 or e-mail at Christensen.227@osu.edu
Female farmers, whether farming on their own or in a partnership, realize the importance of the business side of farming. Annie’s Project provides training in five areas of agricultural risk management: financial, marketing, production, legal, and human resources. Most importantly, women are able to network and develop relationships with other women in agriculture.

Providing women with tools to improve their risk management skills in the complex, dynamic world of agriculture.

Pre-registration is required by February 14th, 2019. Registration fee is $100/per person and includes all materials and dinners. Registration limited to 25 women. Make checks payable to OSU Extension, and mail to Portage County Extension office, 705 Oakwood St., Suite 103, Ravenna, OH 44266. If you have any questions, please call 330-296-6432.

Name____________________________________ Phone_____________________
Address__________________________________ City__________________  Zip code________
Email____________________________________  County_____________________

OSU Extension, Summit County
1100 Graham Rd. Circle Stow, OH

OSU Extension, Portage County
705 Oakwood St. Ravenna, OH
Private Pesticide Applicator & Fertilizer Re-Certification

Does your Private Pesticide Applicator’s License expire on March 31, 2019? If so, the Portage County Extension office will be hosting a re-certification session for private pesticide applicators on **Friday, February 8, 2019** at the Portage Soil and Water Conservation District Office from 8:00 a.m. to 11:00 a.m. This session will offer 3 credits for pesticide re-certification for CORE and All Categories (1-7). The cost of this session is $35 per registrant.

Does your Fertilizer Certification expire on March 31, 2019? If so, a fertilizer certification session will be held following the pesticide re-certification session from 11:30 a.m. to 12:30 p.m. This session will allow farmers to renew their fertilizer certification (for farmers who apply commercial fertilizer to 50 or more acres). The cost of this session is $10 per registrant.

Pre-registration is required by January 31, 2019. A late fee of $25 will be added for any registrations made after this time (so make sure to register on time!). Registration includes refreshments, speaker travel expenses, and program handouts. **New in 2018**, registrations can be made on-line. The registration link for this program is: [http://go.osu.edu/portage_recert2019](http://go.osu.edu/portage_recert2019) The on-line registration procedure does allow for payment via a credit card or by mailing a check. If you are unable to register on-line or need additional information about the registration process, please call the Portage County Extension office at 330-296-6432.

Can’t Attend on February 8, 2019? If you cannot attend on February 8, four other re-certification sessions will be held in northeast Ohio. These will be in Trumbull County: Wednesday, January 16, 2019; Geauga County: Friday, February 1 and Thursday March 28, 2019; and Ashtabula County: Thursday, February 28, 2019. Registration links and flyers can be obtained at: [http://go.osu.edu/neohio-pat](http://go.osu.edu/neohio-pat)
USE THIS FORM—IF YOU CAN NOT REGISTER ON-LINE

<table>
<thead>
<tr>
<th>Name______________________________</th>
<th>Pesticide Applicator Number______________</th>
<th>Fertilizer Applicator Number______________</th>
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<tbody>
<tr>
<td>Address____________________________</td>
<td>Email address___________________________</td>
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<td>City_______________________________</td>
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Check the Categories Needed for Re-certification

- Core
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- Fertilizer

Fee Required (check all that apply):

- Private Pesticide Applicator Re-Certification ($35 pre-registration) $________
- Commercial Fertilizer Applicator Re-Certification ($10) $________
- Late Registration Fee ($25-if applicable). If paid after January 31 $________

Total Fee Due $________

Pre-registration is required by January 31, 2019. Late Fee Applies After this Time

MAIL FORM & CHECK PAYABLE TO OSU EXTENSION TO:

Portage County Extension Office
705 Oakwood St., Suite 103
Ravenna, OH 44266
Private and Commercial Pesticide Applicator Licensing

Farmers and agricultural industry personnel can obtain either a “Private” or “Commercial” pesticide applicator license through the Ohio Department of Agriculture (ODA). OSU Extension helps in the licensing process by providing study material, practice exams, and local test preparation classes.

Private Pesticide Applicator’s Licenses are for farmers who apply restricted-use pesticides on his/her own land (or rented land) and produce an agricultural commodity. Each private applicator is required to take & pass the CORE test (general safety for the applicator and the environment) and any category(ies) that correspond to the crops he/she grows. There are 7 categories which certification can be received: Grain and Cereal Crops (category 1), Forage Crops and Livestock (category 2), Fruit and Vegetable Crops (category 3), Nursery and Forest Crops (category 4), Greenhouse Crops (category 5), Fumigation (category 6), and Specialty Uses (category 7). Complete details on the licensing process for private pesticide applicators and study materials can be found at: http://pested.osu.edu/home/privateapplicator/licensing

Commercial Pesticide Applicator Licenses are for farmers or industry personnel who apply pesticides for a business or on land owned by someone else, and usually receive payment for their services. In agriculture this includes agricultural businesses who custom spray crops, as well as farmers who are hired to custom spray for fellow farmers. The commercial license area also includes applicators who work for a government or public agency such as a K-12 schools, colleges, universities, villages, townships, and park districts, in addition to applicators who apply to sites accessible to the public.

Each commercial applicator will need to take and pass the CORE test (general safety for the applicator and the environment) and the category(ies) that correspond to their commercial spray operation. These categories include: Aerial Pest Control (category 1), Agricultural Pest Control (category 2 with 6 sub-categories); Aquatic Pest Control (category 3 with 3 sub-categories), Forest Pest Control (category 4 with 2 sub-categories), Industrial Vegetation (category 5), Ornamental Plant & Shade Tree Pest Control (category 6 with 4 sub-categories), Vertebrate (category 7), Turf (category 8), Animal Pest Control (category 9), Domestic, Institutional, Structural & Health Related Pest Control (category 10 with 4 sub-categories), Livestock Predator Control (Category 11 for USDA employees only), and Wood Destroying Insect Diagnostic Inspection (category 12). Complete details on the commercial categories, licensing process, and their sub-categories can be found at: http://pested.osu.edu/commercialrecert

2019 Test Preparation Classes for Northeast Ohio

OSU Extension in Northeast Ohio will be providing two training sessions to help farmers prepare for the Ohio Department of Agriculture’s Private Pesticide Applicator’s Exam. Attendance at one of these classes is not required but is a great opportunity for applicators to learn what they will need to study for the test. This first class will be held on Tuesday, February 12, 2019 from 1:00 to 4:30 p.m. at the Geauga County Extension office. Call the Geauga County Extension office at 440-834-4656 to register. The second class will be held on Tuesday, March 12, 2019 from 1:00 to 4:30 p.m. at the Trumbull County Extension office. Call the Trumbull County Extension office at 330-638-6783 to register. The registration fee for each class is $35/person which includes CORE study materials.

See back page for Testing Sessions
2019 ODA Testing Sessions

Are you looking to take obtain your private or commercial pesticide license or wish to add an additional category to your existing license? The Ohio Department of Agriculture will be holding testing sessions during the winter/spring of 2019 in Northeast Ohio. These tests are administered by the Ohio Department of Agriculture and are held in northeast Ohio as a courtesy to producers. Pre-registration is required for each location and can be made by calling the ODA at 614-728-6987 or 1-800-282-1955 (press 3 then 1). For a full list of all locations and dates, visit: http://go.osu.edu/pestexam

### Astabula County
- **Location:** OSU Extension Office, 39 Wall Street, Jefferson, Ohio 44047
- **Date:** March 6, 2019
- **Time:** Testing Begins at 10:00 a.m.
- **Directions:** Call 440-576-9008

### Geauga County
- **Location:** Geauga County Extension Office, 14269 Claridon-Troy Road, Burton, Ohio 44021
- **Dates:** February 20, March 20, April 17, May 22, & June 19, 2019
- **Time:** Testing Begins at 10:00 a.m.
- **Directions:** Call 440-834-4656

### Lake County
- **Location:** Lake County Utilities Learning & Business Center, 1981 Blasé Nemeth Rd, Painesville Twp, Ohio 44077
- **Dates:** February 11 & April 8, 2019
- **Time:** Testing Begins at 9:00 a.m.
- **Directions:** Call 440-350-2582

### Mahoning County
- **Location:** Mahoning County Extension Office, 490 S. Broad Street, Canfield, Ohio 44406
- **Dates:** January 7, February 4, March 4, April 1, May 6, June 3, July 1, August 5, September 2, October 7, November 4, & December 2, 2019
- **Time:** Testing Begins at 12:00 p.m.
- **Directions:** Call 330-533-5538

### Portage County
- **Location:** Portage County Extension Office, 705 Oakwood Street, Ravenna, Ohio 44266
- **Dates:** January 17, March 21, May 16, July 18, September 19, & November 21, 2019
- **Time:** Testing Begins at 10:00 a.m.
- **Directions:** Call 330-296-6432

### Trumbull County
- **Location:** Trumbull County Extension Office, 520 West Main Street, Cortland, Ohio 44410
- **Dates:** January 22, February 13, March 13, April 10 & May 8, 2019
- **Time:** Testing Begins at 10:00 a.m.
- **Directions:** Call 330-638-6783

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**The Ohio State University**

**College of Food, Agricultural, and Environmental Sciences**

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information:

http://go.osu.edu/cfaesdiversity.
Save-the-Date
Small Farm Conference &
Trade Show

Two Days
Friday, March 29, 2019
Saturday, March 30, 2019

Location: OSU South Centers
1864 Shyville Road, Piketon, Ohio 45661

Details: The two-day conference is designed for small farm owners wanting to learn more about how to make their farms work better for them. Many topics will be offered to help landowners expand their operations. Landowners can attend workshops and seminars taught by Extension professionals and industry leaders on a wide variety of agricultural enterprises.

Information:
Tony Nye nye.1@osu.edu 937.382.0901
Charissa Gardner gardner.1148@osu.edu 740.289.2071 ext. 132
For more information and registration go to
go.osu.edu/OSUFarmConference2019

THE OHIO STATE UNIVERSITY EXTENSION
THE OHIO STATE UNIVERSITY
COLLEGE OF FOOD, AGRICULTURAL, AND ENVIRONMENTAL SCIENCES