Hello, Northeast Ohio Counties!

It is Ashtabula County Fair week which can only mean that rain will be in forecast all week.

A reminder that the Insect & Disease Field Night will be held next Monday night in Richmond, Ohio. We hope to see many of you here to sharpen your scouting skills.

Additionally, there are some great tours and clinics being held around the area over the next month!

Lee Beers & David Marrison
Extension Educators - Ag & Natural Resources
Insect & Disease Field Night Slated for August 13

OSU Extension is pleased to be hosting an “Insect & Disease Field Night on Monday evening, August 13, 2018 at the Dave Millard Farm located at 6151 Woodard Road in Andover, Ohio from 6:30 to 8:00 p.m. Woodard Road is located just south of Richmond Center in Ashtabula County.

This field night will feature Entomology and Pathology State Specialists - Dr. Anne Dorrance, Dr. Kelley Tilmon, Dr. Andy Michel and Dr. Pierce Paul. During the field night the Specialists will provide hands-on training in scouting for diseases and insects in corn and soybean.

The Millard Farm is also a host site for a Centerra Co-op soybean and corn test plots. Participants will not only learn about bugs and diseases, but also have the opportunity to view the growth of different soybean and corn varieties.

Pesticide and Certified Crop Advisor Credits have been obtained for producers who are in attendance. This field night is being sponsored by OSU Extension’s IPM program, the OSU Extension offices in Ashtabula, Geauga & Trumbull counties, and Centerra Co-op. Please dress for the weather as the field night will be held rain or shine.

There is no registration fee to attend. However, pre-registration is requested so that program handouts can be made. Refreshments will be provided by Centerra Co-op. Call 440-576-9008 today to make your courtesy reservation.

Clean Sweep Pesticide Collection Day on August 16 in Perry

Each year officials from the Ohio Department of Agriculture’s (ODA) Pesticide and Fertilizer Regulation section organize the Clean Sweep Pesticide Disposal program across Ohio. This program assists farmers with a free of charge, safe and environmentally responsible way to dispose of unusable and outdated pesticides.

Northeast Ohio farmers will have a local opportunity to participate as the ODA will be hosting a “Clean Sweep Pesticide Collection Day” on Thursday, August 16 from 9:00 a.m. until 3:00
p.m. at Perry Coal & Feed located at 4204 Main Street in Perry, Ohio (Lake County).

Unused or unwanted pesticides will be accepted from all Commercial and Private Pesticide Applicators. Please note that is clean-up is not intended for homeowners. For more information about this programs, applicators can contact Tom DeHaas at the Lake County Extension office at 440-350-2269.

**Twilight Pond Clinic Scheduled for August 27**

Circle Monday, August 27 on your calendars as OSU Extension and the Ashtabula County Soil & Water Conservation District will be sponsoring a twilight pond clinic from 6:00 to 8:00 p.m. This clinic will be held in Jefferson, Ohio and will help you earn how to better managing your pond. Learn how to identify & control pond weeds, dry hydrants, potable pond rules and controlling nuisance wildlife. Check at the attached flyer for more details!

**At Least One Good Rain Event Per Week for the Rest of August**

By: Jim Noel

Summer rainfall has been on a wild swing. We have been going back and forth from wet to dry and now we are looking toward a bit wetter pattern again. The outlook for the rest of August calls for slightly above normal temperatures (about 1-2F). Rainfall will likely average 2-4 inches with normal being near 3 inches inches. Isolated totals could reach 5 inches through the end of August.

Going into harvest season things have been changing. Current climate models are continue the trends of temperatures 1-3F above normal through November. However, trends are also gradually wetting up in fall. Rainfall goes from near normal in September to above normal by October into November. We will continue to monitor this trend but early harvest conditions look pretty good but later harvest conditions look more questionable.

**Ohio Farm Custom Rates 2018**

By: Barry Ward, Leader, Production Business Management & F. John Barker, Extension Educator Agriculture/Amos Program

Farming is a complex business and many Ohio farmers utilize outside assistance for specific farm-related work. This option is appealing for tasks requiring specialized equipment or technical expertise. Often, having someone else with specialized tools perform a tasks is more
cost effective and saves time. Farm work completed by others is often referred to as “custom farm work” or more simply, “custom work”. A “custom rate” is the amount agreed upon by both parties to be paid by the custom work customer to the custom work provider.

**Ohio Farm Custom Rates**

This survey summary reports custom rates based on a statewide survey of 352 farmers, custom operators, farm managers, and landowners conducted in 2018. These rates, except where noted, include the implement and tractor if required, all variable machinery costs such as fuel, oil, lube, twine, etc., and the labor for the operation.

Some custom rates published in this study vary widely, possibly influenced by:
- Type or size of equipment used (e.g. 20-shank chisel plow versus a 9-shank)
- Size and shape of fields,
- Condition of the crop (for harvesting operations)
- Skill level of labor
- Amount of labor needed in relation to the equipment capabilities
- Cost margin differences for full-time custom operators compared to farmers supplementing current income

Some custom rates reflect discounted rates as the parties involved have family relationships or are strengthening a relationship to help secure the custom farmed land in a cash or other rental agreement. Some providers charge differently because they are simply attempting to spread their fixed costs over more acreage to decrease fixed costs per acre and are willing to forgo complete cost recovery.

The measures shown in the summary tables of the survey respondents. The measures are the average (or mean), standard deviation (a statistical measure of variability of the responses), range, median, minimum, and maximum. Average custom rates reported in this publication are a simple average of all the survey responses. Range identified in the tables consists of two numbers. The first is the average plus the standard deviation, which is the variability of the data from the average measure. The second number of the range is the average minus the standard deviation. The median represents the middle value in the survey responses. The minimum and maximum reported in the table are the minimum and maximum amounts reported from the survey data for a given custom operation.

Charges may be added if the custom provider considers a job abnormal such as distance from the operator’s base location, difficulty of terrain, amount of product or labor involved with the operation, or other special requirements of the custom work customer. As a custom provider, the average rates reported in this publication may not cover total costs for performing the custom service. As a customer, you may not be able to hire a custom service for
the average rate published. Calculate your own costs carefully before determining the rate to charge or pay.

The complete summary of Ohio Farm Custom Rates is available online at the Farmoffice website:
https://farmoffice.osu.edu/farm-management-tools/custom-rates-and-machinery-costs

**Pastured Beef & Conservation Easement Farm Tour**
A “Pastured Beef & Conservation Easement Farm Tour” will be held at the Marshy Meadows Farm in Windsor, Ohio beginning at 3:00 p.m. on Saturday, August 25. This farm located at 7490 Noble Road is owned by Mardy Townsend.

This farm specializes in raising certified grass-fed beef and this tour will focus on the challenges of grazing in the Lake Erie snowbelt. Following the walking tour of the farm, attendees will learn more about how beginning farmers can use conservation easements to help purchase farm land from Alex Czayka, Western Reserve Land Conservancy Eastern Field Director. The Ashtabula Local Food Council and the new Ashtabula County Community Harvest Food Hub will also be on hand to share marketing options with producers.

This tour is being sponsored by the Ohio Ecological Food & Farm Association, the Western Reserve Land Conservancy and the Ashtabula Local Food Council. More information can be obtained by accessing the program brochure at:

**Study Shows EU Pesticide Ban Failing to Protect Suburban Bees**
Source: https://www.sciencedaily.com/releases/2018/07/180724105930.htm
Bees living in suburban habitats are still being exposed to significant levels of pesticides despite the EU ban on the use of neonicotinoid pesticides on flowering crops, new research from University of Sussex scientists shows.

While the introduction of new EU restrictions on the use of neonicotinoid chemicals five years ago has reduced exposure of bees living in farmland, the study found that overall more than half of all pollen and nectar samples collected from bee nests in Sussex, Hertfordshire and Scotland between 2013 and 2015 were contaminated.

The study is the first of its kind to highlight the risk to bees in urban areas posed by garden use of pesticides.
The scientists at the University of Sussex are urging gardeners to ditch their bug sprays immediately in favour of encouraging natural predators such as ladybirds or lacewings, and the use of physical methods such as hand-removal of pests, and netting or sticky traps.

Dr Beth Nicholls, Postdoctoral Research Fellow in Evolution, Behaviour and Environment at the University of Sussex and the study's lead author, said: "Our findings suggest that the EU's recent decision to extend the neonicotinoid moratorium to include all field crops is likely to have a positive effect on bees, relieving some of the stress on our already struggling pollinator populations. However, given that bees in suburban gardens appear to remain at risk post-moratorium, further work is needed to understand the sources of neonicotinoid exposure in these areas and to find ways to reduce it. Our study indicates that limiting the public sale and use of neonicotinoid-based bug sprays, which are currently unaffected by the moratorium, is needed if we are to protect bee populations living in and around our towns and cities."

In 2013 the European Commission instated a EU-wide moratorium on the use of three types of neonicotinoid (thiamethoxam, clothianidin and imidacloprid) on bee-attractive flowering crops such as oilseed rape. The ban will be expanded to include all field crops from 2019. The study, with colleagues at Stirling University and Rothamsted Research, found that neonicotinoid exposure for rural bumblebees declined after the ban's implementation in 2015 but the risk to bumblebees in suburban gardens remained largely the same.

As well as bug sprays, contaminated ornamental plants sold in garden centres play a key role in spreading neonicotinoids through suburban areas. A previous study by the University of Sussex revealed that 70% of bee-friendly plants sold at a range of garden centres had traces of neonicotinoids.

For nectar samples collected from rural bumblebee colonies, concentrations of the pesticide thiacloprid, an active ingredient in many bug sprays sold in garden centres and not included in the EU restriction, significantly increased between 2013 and 2015, replacing the banned chemicals.

Researchers were also concerned to find bee food was often contaminated with imidacloprid, a neonicotinoid which is very rarely used against crop pests any more. Its continued presence raises concerns about the persistence of chemicals in agro-environments even after their application has stopped. The researchers believe that the continued contamination could also be due to pet flea treatments, which still often contain this chemical.
The study found many bee populations are still subject to pesticide levels that previous studies have shown could lead to slower colony growth and the production of fewer new queens, as well as detrimental impacts on foraging and navigation, immunity and worker mortality.

Professor Dave Goulson, professor of biology at the University of Sussex, said: "Who knows what Brexit will mean for the future of this country but one thing it desperately needs to include is the continuation of the EU's ban on neonicotinoids. Gardeners can do their bit; for there is no need for pesticides in gardens. I grow lots of fruits, vegetables and flowers in my garden without chemicals -- there is just no need."

**Grass Fed Grazing Workshop to be held September 4, 2018**

Penn Soil Resource Conservation and Development (RC&D) Council announced today that it will co-sponsor a Grass-fed Grazing Workshop and Marketing Field day on September 4, 2018 at the Miller Livestock Company Farm near Kinsman, Ohio from 10:00 AM to 4:00 PM to benefit grass fed beef producers from northwestern PA and northeastern OH. The Miller Livestock Company farm is located at 9590 Kinsman Pymatuning Road, Kinsman, Ohio, however, the farm is just 2-3 miles west of the PA-OH state line, so it is well placed to benefit grass fed producers from both states.

Aaron & Melissa Miller of the Miller Livestock Company, Inc will be our hosts for the field day and they have been farming for nearly 35 years, raising grass fed and pastured livestock for direct-to-market sales since 1999. Aaron and Melissa will guide a farm tour and discuss grass-fed meat production, animal evaluation, and selection. NRCS staff from PA and OH will highlight watering systems, forage Identification, and soil health information for those in attendance. Two Continuing Education Credits in Nutrient Management have been approved by the PA Department of Agriculture for PA certified Nutrient Management Planners attending this event.

The Field Day will also feature Douglas Katz, Executive Chef at fire food and drink restaurant at Shaker Square in Cleveland, Ohio. Chef Katz is an advocate for healthy, local, and sustainable food systems and will discuss topics related to marketing your products such as product selection and availability, pricing, relationship building, and contracting orders.

The field day is open to the public and the cost of attending the workshop is just $10.00 per person which includes a hearty lunch featuring Miller Livestock Company grass fed beef. Please register early (deadline is Aug. 24th) as space may be limited. Registration is available online with a credit card at the Penn Soil RC&D website [www.pennsoil.org](http://www.pennsoil.org) or you can print a registration form and mail a check to Penn Soil RC&D Council at 4000 Conewango
Northeast Ohio Agriculture

Ashtabula and Trumbull Counties

Avenue; Warren, PA 16365 to reserve your spot at the field day. If you have a disability and require accommodation to attend, please contact us at 814-726-1441 extension 1.

The workshop and field day for the benefit of grass based livestock producers is being co-sponsored by PA Grazing Lands Coalition, Northwest PA Project Grass, Penn Soil Resource Conservation and Development (RC&D) Council, Penn State Cooperative Extension, USDA Natural Resources Conservation Service, and Trumbull County Soil and Water Conservation District.

Summer Season Extension Using Shade Fabric for Cool Weather Crops

Season Extension is when a vegetable, herb or fruit is grown outside its normal growing season using protection from the elements in some way. While it is most commonly used over the winter to take advantage of Ohio’s four seasons of growing, it is also applicable in summer when growing vegetables that prefer cooler weather. A part of the community garden plot opened up after cucurbit production decreased from cucumber beetle damage and bacterial wilt.

The plasticulture fabric was removed, the soil was amended with slow release granular fertilizer and compost. It was then planted with lettuce and pac choi cabbage transplants that had been started under the lights 3 weeks ago. The cucurbits were productive heavy feeders so extra fertility was needed, especially in the form of nitrogen, and crop rotation was observed among different vegetable families.

The wood form is 4’ x 8’ in size and 4” high tall made of untreated wood. The PVC is 1/2” in diameter and sleeved onto screws. This allows easy use of season extension in a defined space that keeps the fabric off the plants, but is very stable to the elements.

The raised bed form was then covered with shade fabric. This fabric is designed to allow light, air, and water to pass through, but to decrease the amount of sunlight and provide shade to the cooler temperature season lettuce and cabbage during the August maturation period. Multiple
other vegetable crops could be grown with this method including radishes, spinach, arugula and other small brassicas.

30% sunlight reduction shade fabric. In most cases this fabric should be vented to allow air movement and prevent heat buildup under the fabric. It is shown closed in this picture to prevent small mammal feeding damage overnight, but will be clipped part way up the PVC tubing during the day normally.

This fabric will provide protection from the cabbage white butterfly and its associated larval form that feeds heavily on the foliage of brassica family crops. This means it also will not allow pollinators to enter the space if it is kept fully closed. This is not a concern as both the lettuce and cabbage will be harvested before they flower and produce seed and have no need for pollinators.

The use of shade fabric for season extension allows harvest of cool weather crops that are otherwise difficult to grow in mid-summer. The element and insect protection from the fabric allows for a higher quality crop. An off season, high quality crop has the potential to demand a higher price in a CSA subscription or at the Farmer’s Market booth. The fabric is available in multiple lengths and widths to allow scale up to larger sized production areas if needed.

Make sure to incorporate season extension methods when making your garden plan. Ohio is a true four season growing environment and with some planning and using season extension, harvest can be achieved all year long.
Lee’s Monthly News Column

Hello Trumbull County! It’s August already, and I don’t know where summer went. I imagine the rain washed it down to the Ohio River and it will soon be floating around in the Gulf of Mexico. That’s my rain complaint for this month.

There has been a lot of talk in the past couple of weeks about the ongoing trade war, tariffs, and subsidies to farmers. When decisions are made in Washington, D.C. it often seems that by the time the impacts of those decisions are felt locally they have been so diluted that the effects are minimal. This is not the case with the trade war going on with China as all Ohio farmers growing soybeans will feel the effects. At the beginning of June soybeans were trading between $10.00 and $10.50/bushel, but as of this writing they are trading for $8.75/bushel. That’s a 17% drop in less than 2 months.

Soybeans seemed to be a safer basket to place eggs this year compared to other crops because of stable market prices. Farmers realized this, and there were more soybean acres planted in the United States than corn in 2018 - the first time since 1983. Additionally, many local farmers that were planning to plant corn acres switched to soybeans as they could be planted later in the season. With a record number of soybean acres planted, and a 17% pay cut to that check, the prediction for the lowest farm income in 12 years will likely hold true.

President Trump has realized that his trade war has negative consequences for farmers and he has asked the USDA to assist farmers in several targeted areas. This assistance comes in the form of $12 billion that will be used in three areas; 1) direct payments to producers of soybeans, sorghum, cotton, corn, wheat, dairy, and pork, 2) purchase targeted agricultural products for distribution to food banks and nutrition programs, 3) trade promotion program to develop new markets for agricultural products. Any payments made to farmers would be a one-time only payment and is viewed as a short term solution. The long term solution would be to come to a trade agreement that would see farm commodity prices stabilize and increase.

We all hope that the trade war is resolved soon. In event that soybean prices stay low going into next year farmers may want to look at some new markets that are becoming a viable option again in Ohio. I’ve talked about malting barley and field peas before, but many farmers are hesitant to risk growing a new crop that may have a learning curve. There is a definite learning curve, but if prices stay low it may be worth learning something new. If you are considering a new crop OSU Extension can help make the learning curve a little less steep.

Speaking of field peas, the first crop was harvested a couple of weeks ago. Probably the first field pea harvest in Trumbull County for about 100 years. Yields were okay, but a lot of knowledge was gained during the growing season. A couple of points to note for anyone trying to grow peas next year. Double up on the inoculum to get nodulation off to a good start and
applying a little early season nitrogen may get them going faster. Peas do better in dryer conditions and do not germinate well when muddied in. Glyphosate and paraquat can both be used as a harvest aid, but paraquat appears to have a more uniform dry down than glyphosate, and it also works faster. Late season peas will need to be scouted regularly for powdery mildew, and don’t miss a fungicide spray this year – the conditions are perfect for infection.

As we head into August the pest and disease pressure in our crop fields and gardens will peak. Many gardens already have powdery mildew, downy mildew, blight, Japanese beetles, corn borer, and a variety of other issues. Diseases will only increase in severity as the disease cycles kick into high gear. Get out and scout now to detect any issues before they reach a serious problem later in the growing season. OSU Extension will be hosting an Insect and Disease Field Night in Andover, OH on August 13 from 6:30pm to 8:00pm at the Dave Millard Farm, 6151 Woodard Road in Andover, OH. OSU Extension Specialists Anne Dorrance, Kelley Tillmon, Andy Michel, and Pierce Paul will provide hands-on training for scouting for diseases and pests in corn and soybeans. This program is FREE to attend, but please call 440-576-9008 to register.

For more information about farming, gardening, the Master Gardener program, or any other program, call the OSU Trumbull County Extension Office at 330-638-6783 or visit trumbull.osu.edu. Don’t forget to check out and “Like” OSU Extension Trumbull County’s Facebook page for current programs and up to date information.

David’s Weekly News Column
For Publication in the Jefferson Gazette on August 8, 2018

Hello, Ashtabula County! The Ashtabula County fair is underway! I hope to see many of you at the fair this week. I would encourage you to stop out on Saturday afternoon and bid on an animal at the Junior Fair Market Livestock Auction which begins at 1:00 p.m. Our youngsters really put a lot of effort into their projects. It is a great way to support our youth and to fill your freezer!

While we are busy at fair, there will be whole host of additional events which will be held this month for our agricultural producers. These events are being squeezed in this month because before you know it, harvest will be upon us! So today, I would like to share details on three of these events. See you at the fair!

******

Each year officials from the Ohio Department of Agriculture’s (ODA) Pesticide and Fertilizer Regulation section organize the Clean Sweep Pesticide Disposal program across Ohio. This program assists farmers with a free of charge, safe and environmentally responsible way to dispose of unusable and outdated pesticides.
We are excited that the ODA will be hosting a “Clean Sweep Pesticide Collection Day” on Thursday, August 16 from 9:00 a.m. until 3:00 p.m. at Perry Coal & Feed located at 4204 Main Street in Perry, Ohio.

Unused or unwanted pesticides will be accepted from all Commercial and Private Pesticide Applicators. Please note that is clean-up is not intended for homeowners. For more information about this programs, applicators can contact Tom DeHaas at the Lake County Extension office at 440-350-2269.

******

A reminder that OSU Extension will be sponsoring an “Insect & Disease Field Night on Monday evening, August 13, 2018 at the Dave Millard Farm located at 6151 Woodard Road in Andover, Ohio from 6:30 to 8:00 p.m.

During this event, OSU Entomology and Pathology State Specialists will provide hands-on training in scouting for diseases and insects in corn and soybean. The Millard farm is a great location as it is home to both a corn as well as a soybean test plot which feature a whole host of varieties from Centerra Co-op. Not only can you learn about bugs and diseases, you will also be able to see the growth of different soybean and corn varieties.

Pesticide and Certified Crop Advisor Credits have been obtained for producers who are in attendance. Please dress for the weather as the field night will be held rain or shine. There is no registration fee to attend. However, pre-registration is requested so that program handouts can be made. Refreshments will be provided by Centerra Co-op. Call 440-576-9008 today to make your courtesy reservation.

******

Another great local tour which beef producers will want to put on their calendar is a Pastured Beef & Conservation Easement Farm Tour which will be held at the Marsy Meadows Farm in Windsor, Ohio beginning at 3:00 p.m. on Saturday, August 25. This farm located a 7490 Noble Road is owned by Mardy Townsend.

Mardy does a great job raising certified grass-fed beef and this tour will focus on the challenges of grazing in the Lake Erie snowbelt. Following the walking tour of the farm, attendees will learn more about how beginning farmers can use conservation easements to help purchase farm land from Alex Czayka, Western Reserve Land Conservancy Eastern Field Director. The Ashtabula Local Food Council and the new Ashtabula County Community Harvest Food Hub will also be on hand to share marketing options with producers.

This tour is being sponsored by our friends at the Ohio Ecological Food & Farm Association, the Western Reserve Land Conservancy and the Ashtabula Local Food Council. More information can be obtained by accessing the program brochure at: http://www.oeffa.org/documents/2018farmtours.pdf
To close, I would like to leave you with a quote from Charles R. Swindoll who stated, “We cannot change our past. We cannot change the fact that people act in a certain way. We cannot change the inevitable. The only thing we can do is play on the one string we have, and that is our attitude.” Have a good and safe day!

**Upcoming Events**

**Insect & Disease Scouting Field Night**
August 13, 2018

**Ashtabula County Pond Twilight Clinic**
August 27, 2018

**Northeast Ohio Beef Twilight Tour**
TBA

**Ashtabula County Beef Banquet**
October 27, 2018

**Ashtabula County Dairy Banquet**
March 26, 2019
Join OSU Entomology and Pathology State Specialists – Dr. Anne Dorrance, Dr. Kelley Tilmon, Dr. Andy Michel & Dr. Pierce Paul for hands-on training in scouting for diseases and insects in corn and soybean. Pesticide Credits and Certified Crop Advisor Credits will be offered.

There is no registration fee to attend. Pre-registration is requested so that program handouts can be made. Call 440-576-9008 today!

Location
Dave Millard Farm
6151 Woodard Rd
Andover, Ohio
44003

See Back for Map
The farm is located at 6151 Woodard Road which is 0.3 miles east of State Route 7. Woodard Road is 4.4 miles north of the Andover Square and 0.6 mile south of Footville Richmond (Richmond Center). This field night is being sponsored by Centerra Coop, the OSU Extension IPM program, and the OSU Extension offices in Ashtabula, Geauga & Trumbull counties. Please dress for the weather as the field night will be held rain or shine.
Join OSU Extension and the Ashtabula Soil & Water Conservation District to learn how to better manage your pond. Learn more about pond weed identification & control, dry hydrants, potable pond rules and controlling nuisance wildlife.

There is no registration fee to attend. Please bring a lawn chair. The program will be held rain or shine. Call the OSU Extension (440-576-9008) or Ashtabula Soil & Water Conservation District (440-576-4946) for more details!

Location
Old Buccaneer Campground Site
1408 State Route 307 West
Jefferson, Ohio 44047

See Back for Map
The twilight pond clinic will be held at the former site of Buccaneer Campgrounds located just west of Jefferson, Ohio. The campground is on State Route 307, 1.9 miles west of Jefferson and 3 miles east of Austinburg, Ohio.

This clinic is being co-sponsored by OSU Extension in Ashtabula County and the Ashtabula Soil & Water Conservation District. Please bring a lawn chair and dress for the weather as the pond clinic will be held rain or shine.
Lake County

PESTICIDE COLLECTION DAY: ODA CLEAN SWEEP

Pesticide Collection

DATE: Thursday, August 16th, 2018
9:00 AM to 3:00 PM
Where: Perry Coal and Feed
4204 Main St, Perry, OH 44081
Details: Pesticide Collection for all Commercial and Private Agricultural Applicators (Nurseries, Farms, Grape Growers, Christmas Tree Growers)
Not intended for homeowners
Contact: Thomas deHaas – OSU Lake County Extension, ANR Educator
dehaas.2@osu.edu or 440-350-2269

Lake.osu.edu

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information: go.osu.edu/cfaesdiversity.
Ashtabula Agricultural Research Station

Seeking Harvest Assistant

Ashtabula Agricultural Research Station sits on a 25-acre site in Kingsville, Ohio, and is one of eight outlying research stations operated by the The Ohio State University’s Ohio Agricultural Research and Development Center, the research arm of the College of Food, Agricultural, and Environmental Sciences. Our role is assist OSU faculty and staff in their efforts to expand the knowledge of grape varieties and vineyard practices with trials in viticulture, entomology and plant pathology, as well as to serve the needs of the grape and wine industry along northeast Ohio’s lakeshore.

Seasonal assistants will assist research station staff with field operations, data collection, and ground maintenance. Operations may include planting and harvesting of research crops, collecting soil and plant samples, recording fruit quality and yield data, data entry, record keeping, pruning, and weeding. The successful applicant may operate agricultural machinery including mowers and grounds equipment, clean and maintain work areas, and other duties as assigned.

While some prior experience is desirable, employees will receive training in all required operations. To learn more about this opportunity, please contact the Ashtabula Agricultural Research Station at 440-224-0273 or email kirk.197@osu.edu by 8/15/2018.

Visit us on Facebook, search OARDC Ashtabula Agricultural Research Station.
The conference offers workshops led by business, marketing, and legal experts, as well as farmers who provide valuable personal experience. Choose workshops and structured networking sessions on estate planning, business planning, and financials, workers compensation, health insurance plans, marketing, agritourism, risk management, insurance and legal considerations, soil and water health, nutrient management plans, forestry and timber info, and much more.

FREE soil sample kits for attendees.

Continental breakfast items, drinks, snacks, and a BBQ style lunch will be provided.

Need more info? Call us at 440.426.2195!

**Schedule**  * Schedule is subject to change

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-9:00</td>
<td>Welcome</td>
</tr>
<tr>
<td>9:15-10:45</td>
<td>Round 1 Workshops</td>
</tr>
<tr>
<td>11:00-12:30</td>
<td>Round 2 Workshops</td>
</tr>
<tr>
<td>12:30-2:15</td>
<td>Lunch and Soil Health Seminar</td>
</tr>
<tr>
<td>2:30-4:00</td>
<td>Round 3 Workshops</td>
</tr>
</tbody>
</table>

**Cost**

Members: $10 per person  
Non-members: $75 per person  

* Registration fee includes a one-year membership to Farm Bureau, benefits, subscriptions, invitations and information on Farm Bureau events and issues, and access to the Ohio Farm Bureau policy team.

**Registration Required**  Deadline: August 10

Online at https://nefbconf18.eventbrite.com  
or call 440.426.2195  
Sorry, no refunds!