Hello, Northeast Ohio Counties!

Our roller coaster weather across the region continues. Some areas get drenched while others miss the rain. A lot of planting soybeans and chopping haylage occurred on Saturday. Then the rain shut most down again. Looks like a drier forecast is on its way for this weekend!

Congratulations to the first baby born in June is Dairy Month in Ashtabula County. Check out the story on Wrenley in today’s issue.

We are excited that all the OSU Extension Ag Educators will be here this week for our summer professional development retreat. We will be visiting local farms on Thursday. Have a good and safe week!

David Marrison
Extension Educator
Ag & Natural Resources
Ashtabula County

Lee Beers
Extension Educator
Ag & Natural Resources
Trumbull County
First Baby Born in June is Dairy Month

June is Dairy Month! Each June, the Ashtabula County Dairy Service Unit and the Ashtabula County Dairy Princess present a basket to the first baby born in Ashtabula County in June. We are very pleased that Teresa Polchin, 2017 Ashtabula County Dairy Princess, was able to present a basket to Wrenly Cleveland and her mom Alexandria Hall, Conneaut last week. Wrenly was born on June 1, 2017 at 12:26 a.m. at the Ashtabula County Medical Center. She weighed 7 pounds, 4 ounces and measured 20.5 inches. Welcome to Wrenly! We wish her and her parents a very happy life.

Ashtabula Farmers’ Market in its 13th Season

The Ashtabula Farmers’ Market is in its 13th season. The market hours are from 10:00 A.M. until 2:00 P.M. every Sunday from June 11th until October 8th. The market is located at 1105 Bridge Street in the historic Ashtabula Harbor.

The purpose of the market is to provide family farms an opportunity to sell their produce and farm products in a friendly supportive environment and provide fresh, locally produced items to the public. The market is also committed to promoting Ashtabula County and its economic development.

Vendors this year include Covered Bridge Garden with vegetables, and cut flowers. Ohio Heritage Farms will have produce and hanging baskets. 4evergreen Farm will be back with their wonderful jams and jellies. Happy Greens will have their special aquaponic greens and also provide tool sharpening. Honey Hollow Herbs will have a wide variety of herb plants.

Other vendors this year include Peters Creek Farm with a wide variety of fresh and frozen vegetables and eggs. A & D Gardens will have a range of fresh fruit throughout the season from strawberries to apples. Ginger & Hazel’s will have breads, cookies cupcakes and other baked items. Cones Ice Cream, a staple on Bridge Street will have a variety of wonderful gluten free homemade ice cream treats. Chef Nate Fagnilli from Nakyrsie Meats will have house butchered meats, salumi, and various charcuteries. New this year will be Moores Heritage Farm with pasture raised, grass fed poultry and meats.

This year’s market will include the “Super Summer Farmers’ Market Education Program” sponsored in partnership with Community Actions CSBG grant, Ashtabula WIC Program and the Ashtabula Farmers ‘Market. Learn how to buy, prepare and store items purchased at the Farmers’ Market and watch food preparation demonstrations featuring special items prepared right at the market. Dates for the program are July 16th, August 6th, August 20th and September 10th at 11 A.M.
Join your neighbors for a fun shopping experience, meet your local farmers and enjoy some
guitar music by local musician Bob Turner.

**Slugs Likely to Thrive This Summer**
Source: https://cfaes.osu.edu/news/articles/slugs-likely-thrive-summer

Something very small has benefited from the heavy rainfall that has played havoc with field
crops statewide: the slimy and frequently hungry gray garden slug.

Planting corns and soybeans early sometimes helps reduce the amount of damage from slugs
because the crop has a chance to outpace the growth of the slug, whose appetite increases as
it matures, said Kelley Tilmon, a field crop entomologist with Ohio State University Extension,
the outreach arm of The Ohio State University’s College of Food, Agricultural, and
Environmental Sciences.

But with above average rainfall across the state and some late-season frosts, a significant
number of farmers are planting — or replanting — corn and soybeans later in the growing
season. And those emerging plants are tasty meals for the slithering bandits.

This spring and summer might just offer the perfect conditions for slugs, including the gray
garden slug, the species that typically creates the biggest problem for growers of field crops,
Tilmon said.

“We get the worst problems when we have very
small plants combined with large slugs because
they’re out there happily feeding on them,”
Tilmon said. “That’s a bad combination.”

Slugs tend to build up in fields that aren’t tilled,
where they’re protected by the leftover remains
of past years’ crops, Tilmon said. During the
day, slugs can seek cover under past crop
residue, taking advantage of the shade and
extra layer of moisture. At night, they feast. Not
only are the emerging plants vulnerable to slugs,
but slugs can chomp away at seeds as well.

They are not picky eaters and are willing to
devour pretty much anything they can crawl onto:
corn, soybeans, grain, forages and even weeds if a field does not have any crops growing on it.

One of the more significant pests for Ohio’s soybean and corn growers, slugs can be easily
overlooked in a field, said Andy Michel, an OSU Extension pest expert.
Their eggs are slightly smaller than a BB and blend in well with the soil, Michel said. After hatching, they hide during the day, venturing out at night to seek food. As a result, a farmer may not be aware of the number of slugs in a field until after the damage is done.

“I’ve seen holes in soybeans, gaps in rows and fields that needed to be replanted because of slugs,” Michel said. They do the most damage in late spring and early summer. “If you go out at dusk or after sunset with a flashlight, you might find them in the act,” Tilmon said. Besides holes in leaves, slugs can leave behind their trace, a trail of clear slime that shines when it dries. Like uninvited guests, slugs can be tough to get rid of.

Growers should scout for slugs, particularly in areas where weeds thrive or where there are a lot of remnants of past years’ crops. A farmer with a serious slug problem can either till the soil to disrupt the slugs’ shelter or apply a pesticide with an active ingredient of either metaldehyde or chelated iron, Tilmon said. Insecticides do not kill them because slugs aren’t insects — they’re mollusks.

One way to tell if a field has a slug problem is by leaving asphalt shingles in various parts of the field — ideally white ones that won’t attract the heat as much during the day — but will draw slugs if they’re around, Tilmon said. A grower can flip over the shingles and get an idea of how many slugs are hiding out in their field, then decide what to do about them. For more information, visit: go.osu.edu/slugsoncrops

Weather Outlook
By Jim Noel, NOAA
Source: https://agcrops.osu.edu/newsletter/corn-newsletter/2017-16/weather-outlook

A pattern change appears underway. We are heading into a summer type pattern that continues to evolve as we speak. This will mean a transition to warmer weather with rainfall becoming much more scattered and sporadic. Some areas will still receive locally heavy rainfall but other places will get missed.

Cooler than normal weather can be expected this week through Saturday June 10 with temperatures averaging 4 to 5 degrees below normal. Rainfall will be below normal with amounts generally range from little or nothing up to 0.25 to 0.50 inches. Normal is near 1 inch.

There will be a switch to warmer than normal weather next week starting Sunday June 11. Normal highs are around 80 and normal lows are near 60. Temperatures next week will average around 5-8 degrees above normal. Rainfall will average 0.25 inches south to near 1 inch north. Temperatures will likely persist at or above normal as we close out June as well. Rainfall may begin to increase again later in the month as we get into the typical ring of fire around a heat dome to the south and west of Ohio and storms ride over the top of the heat dome. Locally
heavy rain will be favored in northern Ohio with less confidence on rainfall in southern Ohio as it could go either way dry or wet later in the month.

The outlook for July remains above normal temperatures with a wide range in rainfall heavily locally driven. In summary, we are transitioning into the summer-time pattern where temperatures will favor warmer after this week and rainfall will become more sporadic and hit and miss with places either getting too much or too little rainfall the next several weeks. You can see the latest 2 week rainfall pattern across the region from the NOAA/NWS/OHRFC 16-day average rainfall prediction. The greatest rainfall is favored south and west of Ohio the next 2+ weeks.

**Modified Soybeans Yield More in Future Climate Conditions**

Source: https://phys.org/print413038668.html

By 2050, we will need to feed 2 billion more people on less land. Meanwhile, carbon dioxide levels are predicted to hit 600 parts per million—a 150% increase over today's levels—and 2050 temperatures are expected to frequently match the top 5% hottest days from 1950-1979. In a three-year field study, researchers proved engineered soybeans yield more than conventional soybeans in 2050's predicted climatic conditions.

"Our climate system and atmosphere are not changing in isolation from other factors—there are actually multiple facets," said USDA/ARS scientist Carl Bernacchi, an associate professor of plant biology at the Carl R. Woese Institute for Genomic Biology at the University of Illinois. "The effect of carbon dioxide in and of itself seems to be very generalized, but neglects the complexity of adding temperature into the mix. This research is one step in the right direction towards trying to figure out a way of mitigating those temperature-related yield losses that will likely occur even with rising carbon dioxide concentrations."

Published in the Journal of Experimental Botany, this study found the modified crop yielded more when subjected to both increased temperature and carbon dioxide levels; however, they found little to no difference between the modified and unmodified crops grown in either increased temperature, increased carbon dioxide, or today's climate conditions.

This work suggests that we can harness genetic changes to help offset the detrimental effects of rising temperature. In addition, Bernacchi said, it illustrates that we cannot deduce complicated environmental and plant systems to increasing carbon dioxide levels increase yields and increasing temperature reduce yields.

"Experiments under controlled conditions are great to understand concepts and underlying mechanisms," said first author of the study Iris Köhler, a former postdoctoral researcher in the Bernacchi lab. "But to understand what will happen in a real-world situation, it is crucial to study the responses in a natural setting—and SoyFACE is perfect for this kind of study."
SoyFACE (Soybean Free Air Concentration Enrichment) is an innovative facility that emulates future atmospheric conditions to understand the impact on Midwestern crops. These findings are especially remarkable because the crops in this SoyFACE experiment were exposed to the same environmental conditions (i.e. the sun, wind, rain, clouds, etc.) as other Illinois field crops.

"It's actually a bit of a surprise," Bernacchi said. "I've been doing field research for quite some time, and variability is one of the things that's an inherent part of field research. Of course, we did see variability in yields from year to year, but the difference between the modified and unmodified plants was remarkably consistent over these three years."

These modified soybeans are just one part of the equation to meet the demands of 2050. This modification can likely be combined with other modifications—a process called "stacking"—to further improve yields. "When we're trying to meet our food needs for the future, this specific modification is one of the many tools that we're going to need to rely upon," Bernacchi said. "There is a lot of research across the planet that's looking at different strategies to make improvements, and many of these are not mutually exclusive."


Provided by University of Illinois at Urbana-Champaign

**Good Agricultural Practices Training Workshop— Friday, June 16, 2017**

By Erik Draper, Geauga County Horticulture Educator

Good Agricultural Practices, or GAPs, for fruit and vegetable production will be the focus of this three-hour training. The workshop will be held on June 16, 2017 from 1:00-4:00 pm at the Ohio State University Extension, Geauga County office, located at 14269 Claridon-Troy Road, Burton, OH 44021. “The Food and Drug Administration released the final produce safety rule as part of the Food Safety Modernization Act”, said Lindsey Hoover of Ohio State University’s Fruit and Vegetable Safety Team. “Whether or not a farm will be exempt from these rules, all growers are responsible for providing safe produce to their consumers.”

Ohio State University Extension educators will present the 3-hour GAPs program. Participants will receive standard operating procedures, recordkeeping paperwork, presentation handouts, and a certificate of participation, as verification to customers that the farm operator has received training in GAPs.

But Hoover said attendees won’t actually become “certified in GAPs” by attending the GAPs class. That certification comes only through having one of many possible farm audits conducted by the United States Department of Agriculture (USDA) or a 3rd party company. “Find out what
your farmers’ market, produce auction, or buyers require. Some may require training on GAPs, while others may require the full food safety farm plan and farm audit, or both. Many large grocery chains require their produce suppliers to have full food safety plans and audits. On the other hand, for small farms selling at stands and markets, learning about GAPs is a good way to stay competitive.

Contact the Ohio State University Extension Office to RSVP by calling (440) 834-4656, or email to ward.714@osu.edu. Registration is $20 per person, payable by cash or check, with checks made out to “Ohio State University Extension.” The total registration cost is reduced due to a grant from the Ohio Department of Agriculture Specialty Crop Program, which helps to cover costs and is only $20. More information can be found at http://geauga.osu.edu

**Effective High Tunnel Vegetable Growing Workshop—**
**Wednesday, June 21, 2017**

By Erik Draper, Geauga County Horticulture Educator

The Ohio State University Extension of Geauga County is offering an educational workshop on June 21, 2017 from 9:00-4:00pm at the OSU Extension, Geauga County office, located at 14269 Claridon-Troy Road, Burton, OH 44021. During this interactive workshop, we will discuss the emerging challenges of how to best use low, mid, and high tunnels (hoop huts/greenhouses) in commercial vegetable production. Register quickly because CLASS SIZE IS LIMITED to the FIRST 50 participants and PRE-registration is required. The total registration cost for this workshop is $20 per person (used for refreshments and lunch).

This interactive workshop will feature discussions on individual practices, like how to effectively manage multiple factors of soils, crops, pests, and diseases, from before planting the crop, to after the harvest. The intent is to integrate good horticultural and cultural practices and techniques, to develop an effective approach for high quality vegetable production in high-tunnels.

All participants of this workshop, will have the opportunity to learn from the experiences, both good and not so good outcomes, of everyone in the workshop. The topics and discussions will flow from questions posed to the presenters; namely’ Brad Bergefurd (horticulture), Luis Canas (pest management), Erik Draper (horticulture), Matt Kleinhenz (horticulture), and Sally Miller (disease management). These presenters will serve as informational science-based resources for this workshop, all representing The Ohio State University.

For additional information and to register, please contact the Ohio State University Extension Office by calling (440) 834-4656, or email to ward.714@osu.edu. Registration is $20 per person, cash or check. Please mail payment by June 16, payable to “Ohio State University Extension”, P.O. Box 387, Burton, OH 44021. More information can be found at http://geauga.osu.edu.
Small Grains Field Day Scheduled for June 13

The OARDC Schaffter Farm located at 3240 Oil City Rd., Wooster, will be the host location for the 2017 Small Grains Field Day scheduled for Tuesday, June 13. Registration is now being accepted for the event which runs from 9:30 am and concluding around 3:15 pm. In addition to looking at how small grains are used as a grain crop the field day will also provide information and demonstrations about wheat quality and use in food products, small grains as cover crops, alternative forages, and how small grains fit into row cropping systems.

Participants will have the opportunity to walk through research plots, take part in hands-on activities and view equipment demonstrations. Both commercial and private pesticide applicator credits as well as Certified Crop Advisor (CCA) credits will be offered to field day participants. Topics that will be covered at the Small Grains Field Day include:

- Wheat Disease Identification and Management: Pierce Paul OSU Extension Wheat Disease Specialist
- Wheat Breeding to Develop Disease Resistant Varieties: Clay Sneller, The Ohio State University, Wheat Breeding and Genetics
- Wheat Quality Evaluation: Byung-Kee Baik, USDA-ARS Wheat Quality Lab
- Winter Two-row Malting Barley Development: Robin Coffman, Research Assistant, Stockinger Lab
- Use of Small Grain Cover Crops in Soybean Production (Crimping and planting demonstrations): Mike Sword, OARDC Superintendent Farm Operations and Scott Ruck, ATI Farm Operations Manager - Crops
- Small Grain Baleage: Rory Lewandowski, Wayne County Extension
- The Importance of Wheat Harvest Date: Laura Lindsey OSU Extension Soybean Specialist
- Wheat Nitrogen and Growth Promoter Application Demonstrations: Mike Sword, OARDC Superintendent Farm Operations and Scott Ruck, ATI Farm Operations Manager - Crops
- Kernza: A New Perennial Small Grain Under Development, Steve Culman, OSU Extension Soil Fertility Specialist
- Reduced Lignin Alfalfa: Getting More with Less, Angie Parker OSU Forage Graduate Student
- Organic oats and Red Clover Plots (optional 3:15 – 4:00 pm session): Gerald Reid, Manager, Farm Operations, OARDC Badger Farm

Pre-registration is requested. The cost is $25/person if registered by June 5. Late registration after June 5 is $35/person. Registration includes handout materials, lunch and refreshments.
Registration is available on-line at: http://regonline.com/smallgrains or registration forms and checks (Made payable to Ohio State University Extension) can be sent to the Wayne County Extension office at 428 West Liberty Street, Wooster OH 44691. An informational flyer and field day registration form is available on-line at: http://go.osu.edu/smallgrainsfieldday

The Small Grains Field Day is sponsored by the following organizations:
- Ohio Agricultural Research and Development Center (OARDC)
- Ohio State University ATI
- Ohio State University Extension
- Ohio Certified Seed Association
- Ohio Corn & Wheat Board
- Ohio Soybean Council

For more information, contact the Wayne County Extension office at 330-264-8722.

**Let’s Eat Local! Discover the Abundance of Ashtabula County**

The Ashtabula County Master Gardener Volunteers, the Ashtabula Local Food Council, and Ashtabula County Community Action Agency have teamed up to promote local foods and local farmers! On Tuesday, June 13th, these groups will present information on local food options available in Ashtabula County. This presentation will take place at the Ashtabula Public Library, 4335 Park Avenue and will cover how to find and buy local food.

The public is invited to attend this free event to learn all about local foods, including fruits, vegetables, meat, eggs, honey and maple syrup. All attendees will receive a free guide to farms in Ashtabula County and will have the opportunity to sample local goods.

Doors open at 5:30 with speakers starting at 6:00 p.m. Organizers anticipate a healthy turnout. “Interest in local foods is at an all-time high” states one of the program organizers Meghan Davis, “We are thrilled to be bringing this information to the public to help promote local foods and local farmers!”

Organizers encourage attendees to come early and visit with their local farmers. There will be booths set up around the room with tables featuring local farms and producers. Participants can visit each table and learn about the products and growing practices of area farms. Please come show your support for local foods and learn about the Abundance Ashtabula County has to offer!
David’s Weekly News Column

Hello, Ashtabula County! “Rain, rain go away. Come back another day.” Some with gray in their hair may remember Bobby Vinton singing this song in the early 60’s. While I was not born when this song hit the charts in 1962, I do remember singing this song to make the rain go away so I could play outside as a child. Of course, we need rain to make our crops flourish; we just need a little break in our wet weather patterns to allow for our crops to be planted. So, our farmers would appreciate you singing this phrase this week, as time is slipping away for soybeans to be planted and our hay crop was at its ideal harvest stage ten days ago. So, sing loud and proud so that a nice stretch of warm and dry weather will settle in for us!

*****

I am excited to share that the Ashtabula County Master Gardener Volunteers, the Ashtabula Local Food Council, and Ashtabula County Community Action Agency have teamed up to promote local foods and local farmers. Next Tuesday evening, June 13, these groups will present information on local food options available in Ashtabula County. This presentation will take place at the Ashtabula Public Library located at 4335 Park Avenue in Ashtabula, Ohio. We encourage you to attend and learn how to find and buy local food.

The public is invited to attend this free event to learn all about local foods, including fruits, vegetables, meat, eggs, honey and maple syrup. All attendees will receive a free guide to farms in Ashtabula County and will have the opportunity to sample local goods.

Doors open at 5:30 with speakers starting at 6:00 p.m. Organizers encourage attendees to come early and visit with their local farmers. There will be booths set up around the room with tables featuring local farms and producers. Participants can visit each table and learn about the products and growing practices of area farms. Please come show your support for local foods and learn about the Abundance Ashtabula County has to offer!

*****

I am also pleased to share that our Extension counterparts in Geauga County will be offering a training which will help many of our local farmers who raise fruits and vegetables. A Good Agricultural Practices, or GAPs, training will be held on June 16, 2017 from 1:00 to 4:00 p.m. at the Ohio State University Extension, Geauga County office, located at 14269 Claridon-Troy Road, Burton, OH 44021.

This three hour training will share information on the Food and Drug Administration’s produce safety rule which is part of the Food Safety Modernization Act. During this training, OSU Extension educators will present the 3-hour GAPs program. Participants will receive standard operating procedures, recordkeeping paperwork, presentation handouts, and a certificate of participation, as verification to customers that the farm operator has received training in GAPs. I would encourage all of our fruit and vegetable farmers to attend this regional training. After all, it is our responsibility to produce the safest fruits and vegetables possible for our consumers.

This training will provide the ground work for farmers to become officially certified in GAPs. This training is a great pre-cursor before the farm gets certified by the United States Department of

Northeast Ohio Agriculture

OHIO STATE UNIVERSITY EXTENSION
Ashtabula and Trumbull Counties
Agriculture. This certification is obtained by having a farm audit conducted by the United States Department of Agriculture (USDA) or a 3rd party company. Producers are encourage to find out what level of GAPS training and/or certification is needed by their farmers’ market, produce auction, or buyers require. Some may require training on GAPs, like the one offered on June 16, while others may require a full food safety farm plan and farm audit, or both. Many large grocery chains require their produce suppliers to have full food safety plans and audits.

Registration for this program is $20 per person. The total registration cost is reduced due to a grant from the Ohio Department of Agriculture Specialty Crop Program, which helps to cover costs and is only $20. Contact the Geauga County Extension Office at 440- 834-4656 to register for this class. More information can be found at http://geauga.osu.edu

To close, I would like to leave you with a quote from John Updike who stated, “Rain is grace; rain is the sky descending to the earth; without rain, there would be no life.” Have a good and safe day!

Upcoming Extension Program Dates
The following programs have been scheduled for Northeast Ohio farmers. Complete registration flyers can be found at: http://ashtabula.osu.edu/program-areas/agriculture-and-natural-resources/upcoming-educational-programs-deadlines

Fertilizer Certification Sessions
June 14 at Ashtabula County Extension Office from 9:00 to 12:00 noon
August 17 at Trumbull County Field Day (location TBD) from 9:00 a.m. to 3:00 p.m.
September 14 at Geauga County Extension Office from 1:00 to 4:00 p.m.

OSU Good Agricultural Practices (GAPS Training)
June 16, 2017 in Burton, Ohio

Producing Vegetables in High Tunnels
June 21 in Burton, Ohio

Maple Syrup Value Added Products Workshop
June 23-24, 2017 in Burton, Ohio

Private Pesticide Applicator Recertification Sessions
November 16, 2017 from 1:00 to 4:00 p.m. in Lake County
January 12, 2018 from 9:00 to 12:00 noon in Ashtabula County
February 2, 2018 from 1:00 to 4:00 p.m. in Geauga County
February 9, 2018 from 9:00 to 12:00 noon in Portage County
March 9, 2018 from 9:00 to 12:00 noon in Trumbull County

2018 Northeast Ohio Winter Agronomy School
Wednesday February 21, 2018
2017 Ashtabula County Beef Banquet
Saturday, November 11, 2017

21st Annual Joe Bodnar Memorial Northern Classic Steer & Heifer Show
Saturday, April 21, 2018

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

David Marrison
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OSU Good Agricultural Practices (GAPs) Training

Friday, June 16, 2017
1 P.M. – 4 P.M.
Geauga County Extension Office
14269 Claridon-Troy Road
Burton, OH 44021

Produce Safety Educational Course:
Covers good agricultural practices or ‘GAPs’, which help reduce the risk of on-farm produce contamination.
Attendees will receive a certificate of participation. Attending the OSU GAPs class does not equate to being GAPs Certified.

Topics Include:
- Worker Training, Health & Hygiene
- Manure and Compost Handling
- Domestic and Wild Animals
- Recordkeeping

Sponsors:
- The Ohio Dept. of Ag Specialty Crop Block Grant Program
- Ohio Agricultural Research and Development Center
- Ohio State University Geauga County Extension

For more information contact:
OSU Extension Office – 440-834-4656
geauga.osu.edu

REGISTRATION REQUIRED: Please RSVP by June 12, 2017 if you plan to attend. Registration Fee is $20 per person. Make checks payable to The Ohio State University Extension. Mail this registration form and payment to the Geauga County OSU Extension Office, P.O. Box 387, Burton, OH 44021.

How many will be attending __________
Name (s) ____________________________________________
Phone: ____________________________________________ Email: ____________________________________________
Maple Syrup Value Added Products Workshop

Guest Speaker Stephen Childs, Cornell University, Maple Syrup Specialist

Geauga County OSU Extension has invited Steve Childs to put on two programs for local maple producers. On Friday evening, June 23rd at 7:00 pm, Steve will present a program on maple research at Cornell University. On Saturday June 24th at 9:00 am, Steve will cover making value added maple products.

The Friday evening program will cost $10.00. The cost for Saturday’s value added workshop is $25.00 or $30.00 if you are attending both Friday and Saturday programs. Saturday’s program will be limited to 35 participants only.

The Cornell Maple Confections Handbook will be available for an additional $25.00.

Preregistration is required by June 19th - call OSU Extension at 440-834-4656 or send payment payable to OSU Extension, P.O. Box 387, Burton, OH 44021

FRIDAY AND SATURDAY
JUNE 23 & 24, 2017

Location:
OSU EXTENSION, GEAUGA COUNTY PATTERSON CENTER
14269 CLARIDON TROY RD
BURTON, OH 44021

PRE-REGISTRATION IS REQUIRED BY JUNE 19TH.

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/cfaes.diversity.
2017 SMALL GRAINS FIELD DAY

Tuesday, June 13, 2017 • 9:30 A.M. - 3:15 P.M.

Ohio Agricultural Research and Development Center
Schaffer Farm
3240 Oil City Rd.
Wooster, OH 44691

Program
• Wheat Disease ID and Management
• Wheat Breeding: Developing Disease Resistant Varieties
• Wheat Quality Evaluation
• Use of Small Grain Cover Crops in Soybean Production
• Crimping and Planting Demonstrations
• Winter Two-Row Malting Barley Development
• Reduced Lignin Alfalfa: Getting More With Less
• Kernza Perennial Grain Update
• Small Grain Baleage
• The Importance of Wheat Harvest Date
• Wheat Nitrogen and Growth Promoter Application Demonstration
• Organic Oats and Red Clover Plots (Optional)

Sponsors
• Ohio Corn and Wheat Growers Association
• Ohio Seed Improvement Association
• Ohio Soybean Council

Education Credits
Pesticide Re-certification and CCA credits are available

For More Information
Rory Lewandowski
lewandowski.11@osu.edu
Wayne County Extension Office, 330-264-8722

PRE-REGISTRATION IS REQUIRED. $25 per person (includes lunch/refreshments/handouts.) Registration deadline is June 5. Registrations received after June 5, $35 per person. Make checks payable to Ohio State University Extension Wayne County. Mail to Wayne County Extension, 428 W. Liberty St., Wooster, OH 44691. Please detach and return this form with your payment. You may also register online: regonline.com/smallgrains.

Thank you!

Name(s): __________________________________________
Address: __________________________________________
Phone number and email address: __________________________

☐ Please check the box if you have mobility restrictions and would like assistance to view the field plots.

THE Ohio State University
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CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information: go.osu.edu/cfaesdiversity.
Discover the abundance of Ashtabula County

**Let’s Eat Local!**

On Tuesday, June 13, 2017 join us for a free program “Let’s Eat Local!” at the Ashtabula Public Library, 4335 Park Avenue in downtown Ashtabula from 6-8PM.

Get to know Ashtabula County farmers and producers. Learn where to purchase local foods and farm products, such as

- Vegetables
- Fruit
- Honey
- Eggs
- Maple syrup
- Meat
- Cheese
- and more

Sample food products and receive a free local food directory.

Sponsored by the Master Gardener Volunteers of Ashtabula County, Ashtabula Local Food Council and the Ashtabula County Community Action Agency.
What:
A workshop addressing persistent and emerging challenges in using low, mid, and high tunnels in commercial vegetable production more effectively.

Goal: Help growers use tunnels more effectively, regardless of scale, setting, system, or time of year.

Plan: Discuss individual tactics and integrated approaches for including tunnels more effectively in managing crops, soils, pests, and diseases from before planting to after harvest.

Who:
The program is best for growers who have some experience with tunnel-based production or who are serious about beginning to include it in their vegetable business. Everyone present will learn from each other. Brad Bergefurd (horticulture), Luis Canas (pest management), Erik Draper (horticulture), Matt Kleinhenz (horticulture), and Sally Miller (disease management) will serve as resource people representing The OSU.

When and Where:
Tunnels 401: Making the Most of Tunnel-based Vegetable Production, Now and Later
June 21, 9:00 am – 4:00 pm; Burton, OH.

Section 1. 9:00 AM – 2:00 PM, including lunch and morning refreshment break
OSU Extension Office, Geauga County; 14269 Claridon-Troy Road, Burton, OH 44021

Section 2. 2:00 PM – 4:00 PM
Tour of two nearby vegetable farms relying on tunnel-based production, TBD

Why
Vegetable growers and people who look to serve them need to discuss persistent and emerging production issues and possible solutions for them. This workshop will be an opportunity for growers and advisors to educate each other on major issues related to using low, mid, and high tunnels in commercial vegetable production.

How
No formal presentations are scheduled. Instead, learning will take place through interactive small and whole-group discussion. Matt Kleinhenz and Erik Draper will facilitate discussion. Responses to questions will rely on experience but they may also include pictures, drawings, publications, and other resources.

Register soon. Space is limited to 50 participants and PRE-registration is required.
Registration fee = $20 per person (used for refreshments and lunch).

To register, please mail payment by June 16 payable to Ohio State University Extension – P.O. Box 387, Burton, OH 44021. For questions, call or email Erik Draper (440.834.4656; draper.15@osu.edu) or Matt Kleinhenz (330.263.3810; kleinhenz.1@osu.edu).

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