It is Ashtabula County fair week. I hope to see many of you at the fair this week. My daughter Gidget started work with Ashford University in Denver, Colorado yesterday so I had the chance to drive the 2800 mile round trip last week to help her move. The crops in Indiana and Illinois look similar to ours; however in Iowa and Nebraska it appears like they have a bumper crop. Of course this is only a windshield assessment. It was great to see some rain last night---it is a summer of extremes! Take note on the meat cutting demonstration to be held on August 22---this is a great learning opportunity for cattle producers. Half of the spots are already taken—so call today if you are interested in attending. Have a good week.

David Marrison, AG Educator

In this Issue:
- Meat Cutting Demonstration to be held on August 22 at Smokin T’s
- Weather Outlook-August 10
- Pricing Corn Silage Update (August 2015)
- Estimating Corn Yields
- Northeast Ohio Cover Crops Field Night Scheduled for Tuesday, August 18
- OSU Extension to host Northeast Ohio Grape Field Day on Thursday, August 27
- Ashtabula County Dairy Farm Appreciation Picnic on Sunday, August 29
- Farm Science Review Tickets Available at OSU Extension Offices and On-Line
- Properly Using & Calibrating Airblast and Boom Sprayers Workshop to be held in Chardon on August 28
- Properly Using & Calibrating A Horse-Drawn Airblast and Boom Sprayers Workshop to be held in Burton on August 28
- Ashtabula County Beekeepers Association to Meet on Saturday, August 22, 2015

Meat Cutting Demonstration to be held on August 22 at Smokin T’s
OSU Extension and the Ashtabula County Cattlemen’s Association would like to invite beef producers to a “Meat Cutting Demonstration” on Saturday, August 22, 2015 from 9:00 to 11:00 a.m. at Smokin’ Ts located at 1550 Stanhope Kelloggsville Road in Pierpont Township.

This program will feature Dr. Lyda Garcia, OSU Extension Meat Science Specialist and Assistant Professor. During this hands-on workshop, Dr. Garcia will process a ½ beef carcass to teach producers more about the various cuts and grades of beef. Learn more about carcass quality, leanness, and beef carcass grading. Learn about the different meat cuts which can be offered to beef consumers.

Dr. Garcia joined the Department of Animal Sciences in February 2015. Prior to joining the Buckeye Family, Dr. Garcia was a Visiting Assistant Professor at Texas Tech University where she taught an undergraduate meat science course. At OSU, Dr. Garcia is responsible for teaching undergraduate courses in meat science, advises undergraduate Animal Sciences students, and supervises the Meat Judging Team.

This workshop is free and open to the cattle producers. Registration is limited to the first 25 producers. Please reserve your spot by calling Ashtabula County Extension office at 440-576-9008. Hairnets and disposal aprons will be
Weather Outlook-August 10
By Jim Noel

The outlook for August calls for slightly warmer than normal temperatures and normal and slightly drier than normal. Normal rainfall is about 0.75 inches per week in August. As we go into the end of the growing season in September temperatures will likely remain normal or slightly warmer than normal with rainfall normal. However, as we get into harvest season indications are it will turn wetter than normal for October and November. This will challenge harvest season again! This will add to an already tough year on Ohio crops. All indications are with wetness setting in during fall, the frost and freeze season will likely be later than normal. For the latest rainfall 16-day rainfall outlooks from NOAA Ohio River Forecast Center, please visit: by http://www.erh.noaa.gov/ohrfc/HAS/images/NAEFS16day.pdf

Pricing Corn Silage Update (August 2015)
By Bill Weiss & Dianne Shoemaker

1. Estimate grain yield using the Thomison (2013) method (see link below) or other approach.

2. On average, in the lower Midwest, you get about 1 ton of corn silage (35% dry matter (DM)) per 7.5 to 8 bushels of corn. Therefore, if the estimated grain yield is 140 bu/acre, expected silage yield would be 140/8 = 17.5 tons.

3. However, under abnormal growing conditions this may underestimate forage yield (i.e., there will be less than 8 bu of grain per ton). See methods in the corn silage pricing article (link below.)

4. Based on nutrient values, corn silage is currently worth $40 to $45/ton (at 35% DM) as it comes out of the silo. You need to deduct shrink and storage (estimated at $9/ton) and cost of harvest and filling (estimated at $6.90/ton – chop, haul and fill for a bunker silo, see Ohio Custom Rates link below). This means the maximum a dairy farmer should pay for standing corn is ~$24.10/ton. However, the big assumption is that the nutritional value of the standing crop is equal to normal corn silage. If grain yield is lower than normal relative to forage yield (the silage will have less starch and more fiber than normal corn silage), the value has to be discounted additionally.

5. Finally, the buyer is assuming both harvest risk and fermentation risk (will the stuff ferment well?) This risk has a price although it is hard to calculate. Basically, an additional discount should be applied to the standing field price. See the standing corn pricing articles.

NOTE: These discounts assume the corn silage is chopped at the correct DM. If it is harvested at the incorrect DM (either too wet or too dry), the value of the silage is lower.

References
Corn silage pricing articles (look under main heading “Forages”): http://dairy.osu.edu/resource/OSU%20Dairy%20Pubs.html
Pricing Standing Corn for Silage Harvest – 2014
Estimating Corn Yields
By Peter Thomison

This is the time during the growing season when crop tours and seed companies start posting yield predictions for corn. Most of the corn crop in Ohio is probably at the dough stage (R4). Given the tremendous variability in crop quality across the state and between and within fields, it will be particularly interesting this year see how close yield estimates come to matching what's harvested this fall. Moreover, although there may be little or no yield from many fields damaged by excessive rainfall and saturated soil conditions (and related problems, e.g. N deficiency, poorly developed root systems), the fate of other corn fields has yet to be determined. Other factors could cut yields further. Many fields that were excessively wet several weeks ago could now benefit from rain. Shallow, limited root systems attributable to excessive soil moisture may predispose corn to late season soil moisture deficits. Several foliar diseases, esp. northern corn leaf blight and gray leaf spot, are widespread. Not surprisingly, the predictions I've received thus far indicate a wide range in corn yields.

Two procedures that are widely used for estimating corn grain yields prior to harvest are the YIELD COMPONENT METHOD (also referred to as the "slide rule" or corn yield calculator) and the EAR WEIGHT METHOD. Each method will often produce yield estimates that are within 20 bu/ac of actual yield. Such estimates can be helpful for general planning purposes.

THE YIELD COMPONENT METHOD was developed by the Agricultural Engineering Department at the University of Illinois. The principle advantage to this method is that it can be used as early as the milk stage of kernel development, a stage many Ohio corn fields have probably achieved. The yield component method involves use of a numerical constant for kernel weight which is figured into an equation in order to calculate grain yield. This numerical constant is sometimes referred to as a "fudge-factor" since it is based on a predetermined average kernel weight. Since weight per kernel will vary depending on hybrid and environment, the yield component method should be used only to estimate relative grain yields, i.e. "ballpark" grain yields. When below normal rainfall occurs during grain fill (resulting in low kernel weights), the yield component method will OVERESTIMATE yields. In a year with good grain fill conditions (resulting in high kernel weights) the method will underestimate grain yields.

In the past, the YIELD COMPONENT METHOD equation used a "fudge factor" of 90 (as the average value for kernel weight, expressed as 90,000 kernels per 56 lb bushel), but kernel size has increased as hybrids have improved over the years. Dr. Bob Nielsen at Purdue University suggests that a “fudge factor” of 80 to 85 (85,000 kernels per 56 lb bushel) is a more realistic value to use in the yield estimation equation today. For more on this check http://www.agry.purdue.edu/ext/corn/news/timeless/YldEstMethod.html.

Step 1. Count the number of harvestable ears in a length of row equivalent to 1/1000th acre. For 30-inch rows, this would be 17 ft. 5 in.

Step 2. On every fifth ear, count the number of kernel rows per ear and determine the average.

Step 3. On each of these ears count the number of kernels per row and determine the average. (Do not count kernels on either the butt or tip of the ear that are less than half the size of normal size kernels.)

Step 4. Yield (bushels per acre) equals (ear #) x (avg. row #) x (avg. kernel #) divided by 85.
Step 5. Repeat the procedure for at least four additional sites across the field. Keep in mind that uniformity of plant development affects the accuracy of the estimation technique.

The more variable crop development is across a field, the greater the number of samples that should be taken to estimate yield for the field.

Example: You are evaluating a field with 30-inch rows. You counted 29 ears (per 17” 5” = row section). Sampling every fifth ear resulted in an average row number of 16 and an average number of kernels per row of 33. The estimated yield for that site in the field would be \((29 \times 16 \times 33)\) divided by 85, which equals 180 bu/acre.

THE EAR WEIGHT METHOD can only be used after the grain is physiologically mature (black layer), which occurs at about 30-35% grain moisture. Since this method is based on actual ear weight, it should be somewhat more accurate than the yield component method above. However, there still is a fudge factor in the formula to account for average shellout percentage.

Sample several sites in the field. At each site, measure off a length of row equal to \(1/1000\text{th} \) acre. Count the number of harvestable ears in the \(1/1000\text{th} \) acre. Weigh every fifth ear and calculate the average ear weight (pounds) for the site. Hand shell the same ears, mix the grain well, and determine an average percent grain moisture with a portable moisture tester.

Calculate estimated grain yield as follows:

Step A) Multiply ear number by average ear weight.

Step B) Multiply average grain moisture by 1.411.

Step C) Add 46.2 to the result from step B.

Step D) Divide the result from step A by the result from step C.

Step E) Multiply the result from step D by 1,000.

Example: You are evaluating a field with 30-inch rows. You counted 24 ears (per 17 ft. 5 in. section). Sampling every fifth ear resulted in an average ear weight of 1/2 pound. The average grain moisture was 30 percent. Estimated yield would be \([24 \times 0.5] / [(1.411 \times 30) + 46.2] \) x 1,000, which equals 135 bu/acre.

Because it can be used at a relatively early stage of kernel development, the Yield Component Method may be of greater assistance to farmers trying to make a decision about whether to harvest their corn for grain or silage. This will be an important consideration this year given the limited ear development present in many fields exhibiting highly variable plant growth.


Northeast Ohio Cover Crops Field Night Scheduled for August 18
OSU Extension is pleased to be offering a “Northeast Ohio Cover Crops Field Night” on Tuesday, August 18, 2015 at Caroma Farms located at 9499 State Route 46 in North Bloomfield, Ohio from 6:00 to 8:00 p.m. We are very appreciative of the Barnett family for hosting this field night. The family is one of the early adopters of the use of cover crops and this will be a great opportunity for area farmers to learn more about cover crops.
This field night will feature Jim Hoorman from OSU Extension. Jim is a nationally known speaker in cover crops and will be on hand to help producers learn how to successfully use cover crops. This will be a great opportunity for crop producers who are looking to use cover crops to improve soil fertility, improve soil structure and increase the capacity of soil drainage.

During the field night Jim will discuss the basics of how cover crops increase soil organic matter and improve nutrient recycling and how roots change soil structure and improve drainage. Jim will share details of the major cover crops and how they are used in crop rotations such as corn and soybean. Each cover crop has a niche or special purpose. Legume cover crops are typically used to produce homegrown nitrogen. Grass cover crops are used to increase soil organic matter, recycle excess nutrients, and reduce soil compaction. Brassica crops are grown to loosen the soil, recycle nutrients, and suppress weeds. Some other cover crops are grown to suppress insects, disease, weeds, or attract beneficial insects.

Jim will also share how cover crops may be used to supplement forages for dairy, beef, and sheep. Attendees will also learn more about the economics of using and purchasing cover crops. Discussion will also be held on how cover crops may increase soil productivity and decrease chemical input costs through reduced herbicides, less fungicides, and improved nutrient efficiency.

The use of cover crops should be strongly considered in 2015 as we have thousands of acres which were not planted due to the extremely wet weather. Now is a great chance to plant a cover crop, or two, to help improve and protect our heavy soils here in Ashtabula County.

This workshop is free and open to the public. Light refreshments will be served. Participants are requested to dress for the weather as it will be held rain or shine. Participants are asked to bring a lawn chair. More information about this program can be obtained by calling the Ashtabula County Extension office at 440-576-9008. A program flyer can be found at: http://go.osu.edu/ne-events

OSU Extension to host Northeast Ohio Grape Field Day on Thursday, August 27
OSU Extension will be hosting the Northeast Ohio Grape Field Day on Thursday, August 27 in Harpersfield, Ohio. This field day has been developed to increase the management skills of commercial juice and wine grape growers.

The afternoon session titled, “Strategies for Managing Winter Injured Vines” will be held from 3:00 - 5:00 p.m. at Ferrante Winery & Ristorante located at 5585 State Route 307, Harpersfield, Ohio and at M Cellars located at 6193 South River Road, Harpersfield, Ohio. This session will continue the grape industry’s focus on recovering from two severe winter injury events in 2014 & 2015.

At Stop #1 at Ferrante Winery & Ristorante, Dr. Imed Dami and Nick Ferrante will present information on how the Ohio grape industry is adapting to winter injury concerns. Learn more about the Ferrante’s hilling & dehilling practices. Participants will also learn more about OARDC’s retraining trials which are being conducted in this vineyard.

Participants will then travel to Stop #2 at M Cellars on South River Road. Matt Meineke will present information on how M Cellars has changed their winter protection strategies for vine protection through the practice of burying canes. Learn the when, how and the outcomes of burying canes. It will be a great chance for producers to see how the grapes at this location were able to survive through the 2015 winter.
Following the afternoon portion, participants will travel a short distance to Kosicek Vineyards located at 636 State Route 534, Harpersfield, OH 44041. A picnic style dinner will be served prior to the sprayer calibration workshop at Kosicek Vineyards from 5:30 to 6:00 p.m. The dinner fee will be $5 per person. In order to ensure a meal, we must have reservations by Thursday, August 20. Reservations can be made by calling the Ashtabula County Extension office at 440-576-9008.

Following the picnic dinner, growers will participate in a “Preparing and Calibrating Air Blast Sprayers” session from 6:00 to 8:00 p.m. at Kosicek Vineyards. Dr. Erdal Ozkan, from OSU’s Department of Food, Agriculture, and Biological Engineering, will lead an air blast sprayer calibration session and update growers on optimizing spray coverage for better control of pests and diseases. This workshop will help save you MONEY and make you a more effective, efficient spray applicator. Learn more about calibration, how to use water sensitive paper strips, and learn about enhanced coverage and drift reduction through recent nozzle advancements. Dr. Ozkan will also recommend improvements to equipment, GPA, pressure, nozzle selection, and speed to maximize coverage and control. A special thank you is extended to Fred’s Water Service in Madison, Ohio for supplying the air blast sprayer for this workshop. Two hours of Commercial & Private CORE Pesticide Applicator Credits will be offered for attendees.

To register for this program, please contact the Ashtabula County Extension office at 440-576-9008. A complete registration flyer can be found at: [http://go.osu.edu/ne-events](http://go.osu.edu/ne-events)

**Ashtabula County Dairy Farm Appreciation Picnic**

Join OSU Extension and the Ashtabula County Dairy Service Unit for a “Ashtabula County Dairy Farm Appreciation Picnic” on Saturday, August 29, 2015 from 1:00 to 3:00 p.m. in the Bob Barnard Pavilion at the Ashtabula County Fairgrounds.

The Ashtabula County Dairy Service Unit will have hamburgers, hotdogs, assorted side dishes and ice cream available for dairy farm families. Take a well-deserved break from the dairy and enjoy fellowship with fellow dairy families. This picnic is free and will be held rain or shine. Please dress for the weather. Participants are asked to bring a lawn chair. In order to better plan for food, please courtesy RSVP to the Ashtabula County Extension office at 440-576-9008 by August 25, 2015. A program flyer can be found at: [http://go.osu.edu/ne-events](http://go.osu.edu/ne-events)

**Farm Science Review Tickets Available at OSU Extension Offices and On-Line**

OSU Extension is pleased to announce that Advance tickets for the Farm Science Review are available at all Ohio State University Extension county offices for $7. This year’s Farm Science Review will be held at the Molly Caren Agricultural Center in London, Ohio on September 22-24, 2015. Tickets are $10 at the gate. Children 5 and under are admitted free. The review hours are 8:00 a.m. to 5:00 p.m. on September 22 & 23 and from 8:00 a.m. to 4:00 p.m. on Thursday, September 24, 2015.

Tickets can be purchased at OSU Extension offices through Monday, September 21, 2105. Tickets can also be purchased on-line at [fsr.osu.edu/onlineticketform](http://fsr.osu.edu/onlineticketform). Online tickets are available to purchase for $7 until Sept. 11. Tickets ordered online will be mailed to the buyer.

Farm Science Review is known as Ohio’s premier agricultural event and typically draws more than 130,000 farmers, growers, producers and agricultural enthusiasts from across the U.S. and Canada annually. Participants are able to peruse 4,000 product lines from roughly 620 commercial exhibitors and engage in educational workshops, presentations and demonstrations delivered by experts from OSU Extension and the Ohio Agricultural Research and
Development Center, which are the outreach and research arms, respectively, of the college. More information about the Farm Science Review is at http://fsr.osu.edu/

**Properly Using & Calibrating Airblast and Boom Sprayers Workshop to be held in Chardon on August 28**

Fruit growers and agricultural producers are invited to participate in the hands-on workshop “Properly Using & Calibrating Airblast and Boom Sprayers” from 9:00 to 11:30 a.m. at Sage’s Fruit Farm located at 11355 Chardon Road, Chardon, OH 44024 on Friday, August 28, 2015. Dr. Erdal Ozkan, from OSU’s Department of Food, Agriculture, and Biological Engineering, will lead the calibration sessions for the orchard airblast and boom sprayer. This workshop is intended to update and demonstrate to growers how to optimize spray coverage to better manage pests and diseases. This session will help save you MONEY and make you a more effective, efficient spray applicator. Learn more about calibration, how to use water-sensitive paper strips, and learn about enhanced coverage and drift reduction through recent nozzle advancements. Dr. Ozkan will also discuss improvements to equipment, GPA applied for coverage, pressure, nozzle selection and speed to maximize coverage and control. A special thank you is extended to Fred’s Water Service in Madison, Ohio for supplying both the orchard airblast and boom sprayer for this workshop. Two hours of Commercial & Private CORE Pesticide Applicator Credits will be offered to workshop attendees. Call the Geauga County Extension office at 440-834-4656 for more information.

**Properly Using & Calibrating A Horse-Drawn Airblast and Boom Sprayers Workshop to be held in Burton on August 28**

Commercial vegetable growers and agricultural producers are invited to participate in the hands-on workshop “Properly Using & Calibrating A Horse-Drawn Airblast and Boom Sprayers” from 2–4:30pm at Abner Miller’s Farm, located at 16828 Jug Street, Burton, OH 44021. Dr. Erdal Ozkan, from OSU’s Department of Food, Agriculture, and Biological Engineering, will lead the calibration sessions for the airblast and boom sprayer. This workshop is intended to update and demonstrate to growers how to optimize spray coverage to better manage pests and diseases. This session will help save you MONEY and make you a more effective, efficient spray applicator. Learn more about calibration, how to use water-sensitive paper strips, and learn about enhanced coverage and drift reduction through recent nozzle advancements. Dr. Ozkan will also discuss improvements to equipment, GPA applied for coverage, pressure, nozzle selection and speed to maximize coverage and control. A special thank you is extended to Fred’s Water Service in Madison, Ohio for supplying the latest in boom sprayers for this workshop. Two hours of Commercial & Private CORE Pesticide Applicator Credits will be offered to workshop attendees. Call the Geauga County Extension office at 440-834-4656 for more information.

**Ashtabula County Beekeepers Association to Meet on Saturday, August 22, 2015**

The Ashtabula County Beekeepers Association will hold their next meeting on Saturday August 22, 2015 at the 4-H Extension Office located at 39 Wall Street in Jefferson. A potluck dinner will begin at noon. Please bring a dish/dessert to share. The general meeting will begin at noon with Verity Bruening & Rosalma Hobe speaking on Honey Extraction and Bee’s Wax Harvesting. The next meeting/picnic will be held on Sept. 19, 2015. More information can be obtained by emailing: sjriccio@yahoo.com

PLEASE SHARE...this newsletter with farmers or others who are interested in agricultural topics in Ashtabula & Trumbull Counties. Past issues can be located at: https://go.osu.edu/ag-news. Please tell your friends and neighbors to sign up for the list. CONTACT: marrison.2@osu.edu

READERS CAN SUBSCRIBE ELECTRONICALLY TO THIS NEWSLETTER BY SENDING AN E-MAIL MESSAGE TO marrison.2@osu.edu. IF YOU WOULD LIKE TO OPT-OUT OF RECEIVING THIS NEWSLETTER, PLEASE E-MAIL marrison.2@osu.edu WITH THE WORDS: UNSUBSCRIBE
“Northeast Ohio Cover Crops Field Night”

Tuesday, August 18
6:00 to 8:00 p.m.

Caroma Farms
9499 State Route 46
North Bloomfield, Ohio 44450

Join OSU Extension as we explore the use of cover crops in Northeast Ohio at the “Northeast Ohio Cover Crops Field Day” on Tuesday, August 18, 2015 at Caroma Farms located at 9499 State Route 46 in North Bloomfield, Ohio. We are very appreciative of the Barnett family for hosting this field night. The family has been one of the early adopters of the use of cover crops.

This field night will feature Jim Hoorman from OSU Extension. Jim is a nationally known speaker in Cover Crops and will be on hand to help producers learn how to successfully use cover crops. Learn more about:

Using Cover Crops to Improve Soil Fertility, Improve Soil Structure, and Increase Drainage - Will cover the basics of how cover crops increase soil organic matter and improve nutrient recycling and how roots change soil structure and improve drainage.

Selecting and Managing Cover Crops to Maximize Crop Yields- Includes a description of the major cover crops used in corn and soybean rotations and how cover crops may be used to supplement forages for dairy, beef, and sheep.

Cover Crop Economics- How cover crops may increase soil productivity and decrease chemical input costs (reduced herbicides, less fungicides, improved nutrient efficiency). Learn the economics of purchasing different cover crops.

This workshop is free and will be held rain or shine. Please dress for the weather. Participants are asked to bring a lawn chair. Light refreshments will be served. More information about this program can be obtained by calling the Ashtabula County Extension office at 440-576-9008. This field night has been approved for 1 hour soil & water and 1 hour crop management CCA Credits.
Program Location:
Caroma Farms is located at 9499 State Route 46 in North Bloomfield. The farm is on the west side of the road just north of Wakefield Creek Road. The farm is 1.6 miles south of the Ashtabula/Trumbull County border or 1 mile north of State Route 87.

Join us for another great Northeast Ohio Field Night

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information: http://go.osu.edu/cfaesdiversity.
OSJ Extension and the Ashtabula County Cattlemen’s Association would like to invite beef producers to a “Meat Cutting Demonstration” on Saturday, August 22, 2015 from 9:00 to 11:00 a.m. at Smokin’ Ts located at 1550 Stanhope Kelloggsville Road in Pierpont Township.

This program will feature Dr. Lyda Garcia, OSU Extension Meat Science Specialist and Assistant Professor. During this hands-on workshop, Dr. Garcia will process a ½ beef carcass to teach producers more about the various cuts and grades of beef. Learn more about carcass quality, leanness, and beef carcass grading. Learn about the different meat cuts which can be offered to beef consumers.

Dr. Garcia joined the Department of Animal Sciences in February 2015. Prior to joining the Buckeye Family, Dr. Garcia was a Visiting Assistant Professor at Texas Tech University where she taught an undergraduate meat science course. At OSU, Dr. Garcia is responsible for teaching undergraduate courses in meat science, advises undergraduate Animal Sciences students, and supervises the Meat Judging Team.

This workshop is free and open to the cattle producers. Registration is limited to the first 25 producers. Please reserve your spot by calling Ashtabula County Extension office at 440-576-9008. Hairnets and disposal aprons will be provided. Producers are asked to wear clean clothing & shoes to ensure biosecurity. Reservations will be taken on a first come—first served basis.
Smokin T's
1550 Stanhope-Kelloggsville Road
Jefferson, Ohio 44047 (Pierpont Township)
440-577-1117
Join OSU Extension and the Ashtabula County Dairy Service Unit for a “Ashtabula County Dairy Farm Appreciation Picnic” on Saturday, August 29, 2015 from 1:00 to 3:00 p.m. in the Bob Barnard Pavilion at the Ashtabula County Fairgrounds.

The Ashtabula County Dairy Service Unit will have hamburgers, hotdogs, assorted side dishes and ice cream available for dairy farm families. Take a well-deserved break from the dairy and enjoy fellowship with fellow dairy families.

This picnic is free and will be held rain or shine. Please dress for the weather. Participants are asked to bring a lawn chair. In order to better plan for food, please courtesy RSVP to the Ashtabula County Extension office at 440-576-9008 by August 25, 2015.
Strategies for Managing Winter Injured Vines – Stop #1 (3:00 - 4:20 p.m.)
at Ferrante Winery & Ristorante - 5585 State Route 307, Harpersfield, Ohio

Every grower in the state of Ohio was affected by the extreme low temperatures the past two winters. Dr. Imed Dami and Nick Ferrante will present information on how the Ohio grape industry is adapting to winter injury concerns. Learn more about the Ferrante’s hilling & dehilling practices. Participants will also learn more about OSU’s retraining trials which are being conducted in this vineyard. Dr. Dami, Department of Horticulture and Crop Science, will demonstrate different strategies for retraining trunks with pros and cons. (travel to stop #2 from 4:20-4:40 p.m.)

Strategies for Managing Winter Injured Vines – Stop #2 (4:40 - 5:15 p.m.)
at M Cellars – 6193 South River Road, Harpersfield, Ohio

Matt Meineke will present information on how M Cellars has changed their winter protection strategies for vine protection through the practice of burying canes. Learn the when, how and the outcomes of burying canes. Participants are requested to park on the east side of the winery by the equipment barns -look for signs. (travel to dinner 5:15-5:30 p.m.)

Picnic Dinner (5:30 - 6:00 p.m.)
Kosicek Vineyards - 636 State Route 534, Harpersfield, OH 44041

A picnic style dinner will be served prior to the sprayer calibration workshop at Kosicek Vineyards. The dinner fee will be $5 per person. In order to ensure a meal, we must have reservations by Thursday, August 20.

Preparing and Calibrating Air Blast Sprayers (6:00 - 8:00 p.m.)
Kosicek Vineyards - 636 State Route 534, Harpersfield, Ohio 44041

Dr. Erdal Ozkan, from OSU’s Department of Food, Agriculture, and Biological Engineering, will lead an air blast sprayer calibration session and update growers on optimizing spray coverage for better control of pests and diseases. This workshop will help save you MONEY and make you a more effective, efficient spray applicator. Learn more about calibration, how to use water sensitive paper strips, and learn about enhanced coverage and drift reduction through recent nozzle advancements. Dr. Ozkan will also recommend improvements to equipment, GPA, pressure, nozzle selection, and speed to maximize coverage and control. A special thank you is extended to Fred’s Water Service in Madison, Ohio for supplying the air blast sprayer for this workshop. Two hours of Commercial & Private CORE Pesticide Applicator Credits will be offered for attendees.

X------------------------------------------X

2015 NE Ohio Grape Field Day

Name____________________________________________________________________________________________
Address__________________________________________________________________________________________
Phone_______________________________   Email___________________ _____________________
I will attend the Session at Ferrante’s Winery   ____yes _____n o _____# attending
I will attend the Session at M Cellars    ____yes _____no _____# attending
I will attend the Pesticide Session at Kosicek Vineyards ____yes _____no _____# attending
I will be eating at the Picnic Dinner    ____yes _____no _____# attending

@ $5.00 per person Total Due $_______

Reservations are due by August 20, 2015. Please mail with checks payable to OSU Extension and mail back to OSU Extension, 39 Wall Street, Jefferson, OH 44047. Call 440-576-9008 for more information.
**Ferrante Winery**
5585 State Route 307, Harpersfield, Ohio

**M Cellars**
6193 South River Road, Harpersfield, Ohio

**Kosicek Vineyards**
636 State Route 534, Harpersfield, Ohio

Thank you to you supporters of OSU’s Grape Research & Extension Programs