Ohio Grape-Wine Electronic Newsletter

Editor: David Scurlock, Viticulture Outreach Specialist
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Life's Journey.....

by Dave Scurlock, OSU/OARDC Viticulture Outreach Specialist

My first adventure or 2 year game was to travel to Washington State right after graduation from Ohio State University before it became known as The Ohio State University, to work on a 500 hundred acre apple orchard in the Okanogan Valley in north central Washington. I graduated with a degree in pomology and wanted first-to go where they were number one at producing apples and second- to explore the great Northwest Territory. It was a great experience! There are thousands of acres of apples and other tree fruits, beautiful scenery along the Columbia River and the Cascade Mountains and plenty of opportunities to hunt and fish too.

Keeping with the 2 year game plan I returned home to Ohio and I inquired at the Ohio Agricultural Research and Development Center about opportunities in Ohio and there just happened to be a job working with grapes and Dr. Garth Cahoon.

Thirty seven years ago, March 24 1980, I began what started as my second 2 year game plan and adventure that developed into a career. I started work at the Ohio Agriculture Research and Development Center, a part of Ohio State University under the guidance of Dr. Garth Cahoon, who I reference as the "Grape Voice of Ohio". I could not have known at the time how truly fortunate and blessed I was to be mentored and befriended by such a great individual. At the same time, Dr. James Gallander was the head of the Enology Program, who to this day has been a mentor and longtime friend and the "Voice of the Ohio Wine Industry". Together, Drs. Cahoon and Gallander revitalized the Ohio Grape and Wine Industry over a hundred years later after Nicholas Longworth. The Ohio Wine Industry has grown from a handful of wineries in 1970 to over 260 licensed wineries in 2017. Nicholas Longworth, a practicing Lawyer and horticulture enthusiast in Cincinnati, Ohio, started the first vineyard in 1813 followed by the first commercial winery in the USA, producing a world class Sparkling Catawba wine. Ohio was the largest grape and wine producer in this country through 1860, until powdery mildew and black rot decimated the industry.

Originally when I came to Wooster, my 2 year game plan was in the first year to gain as much experience as possible and then the following year to be more independent since I had gone through a yearly cycle. I looked at a job as a vocation/vacation. Pick a part of the country you would like to work and live and learn as much as possible, first about the job by going through a complete cycle of the vineyard from dormancy through harvest and then secondly, learn more about the area and local people. I am originally from Portsmouth, Ohio and my pre-conception of northern Ohio was "everything is flat". Wrong again, Scurlock. Wayne County is located adjacent and north of Holmes County and I was very much interested in learning about the largest community of Amish in the country. Another misconception about the Amish I had was that they never travel too far from the farm. Wrong, Again! Some Amish may travel distances

to work off the farm in construction and some may even travel to mission fields in other countries. I am the one who never gets off the farm?

How fortunate and blessed am I to have found my calling. Grape experiments were set up in fields and greenhouses in Wooster and in various State owned vineyards located in Ripley, Canal Winchester, and Kingsville and in privately owned vineyards in both southern and northern Ohio including North Bass Island in the middle of Lake Erie. I really gained an appreciation for the beauty and diversity of all parts of Ohio. I truly believe an individual could spend a lifetime crisscrossing Ohio and discover something extraordinary and unique each trip.

Dr. Cahoon was a trained Horticulturist and a nutrition specialist and we had many fertilizer experiments on grapes, apples and raspberries to boost yields. In the mid 1980's we started a massive program to promote tablegrape production in Ohio. This program which was sponsored by the Ohio Grape Industries Program had a big marketing and packaging development component along with best cultural practices to establish and maintain high quality tablegrapes. The tablegrape initiative was also responsible for getting about 30 vineyards being established throughout Ohio ranging in size from ½ to 1 acre in size. The initial 1 acre tablegrape vineyard was established in 1980 at Ray Gruber's vineyard in Geneva, Ohio. I was attending a grower meeting many years after the initial tablegrape planting sitting with Ray Gruber in Geneva when Ray, at this time was 87 years young, informed me that he was going to have to give up his tablegrape vineyard because it required too much of his time. I asked him "what about your 18 acres of Concords"? He told me, "No, I am going to keep growing those". Ray was probably the best cooperator any researcher could have. Ray kept impeccable notes and records, such as harvest and pruning weights and who came up from Wooster to work, what they did, how much time it took them and what radio station they were blasting into the vineyard as they worked.

In the early 1990's Ohio State University offered a 5 year buyout program and we lost several excellent researchers to retirement such as Drs. Cahoon and Gallander. Enter Dr. David Ferree in 1994, who was and is a world renowned apple researcher, who takes over controls as the principal investigator in grape research. At this time the decision was made to focus resources of people, time and money to increase the promotion and production of wine grapes. Meetings were held with many of the larger stake holders in the grape and wine industry and after consulting and it was agreed to focus not only on wine grapes but more specifically on the cultural practices of Pinot Gris as a signature wine grape for Ohio. Grape establishment, training systems and vine spacing studies were statistically designed using a completely randomized experimental block and analyzed for yield, quality and best methods of production. Other wine grape production experiments followed that involved Concord, Seyval, Chambourcin, Vidal and Vignoles grape varieties. Traminette and Chardonel vineyards were planted in 2003 just before Dr. David Ferree retired in 2004 to be used by the new incoming viticulturist Dr. Imed Dami.

Around 2010, I began doing more Vineyard Site Evaluations for potential wine grape growers in Ohio as a Viticulture Outreach Specialist. This has involved meeting with new and more experienced growers throughout the state of Ohio. This has been a great experience working with both new and experienced growers and helping them to select varieties that are more appropriate for their locations and hopefully helping to grow better quality grapes. I was also fortunate to work with the Ohio Grape Industries Committee, who made funds available for the Vineyard Expansion Assistance Program, known simply as VEAP, to promote planting more grapes in Ohio. Nearly 175 acres of grapes were partially subsidized through this program. Education for growers has been disseminated through personal site visits, workshops, field days, the Ohio Grape and Wine Short Course or Conference, the Ohio Grape Website and the Ohio Grape Electronic Newsletter publication. New tools such as The Grape Exchange and The JOB Board were developed to help provide a place where growers and winemakers could buy and sell equipment, grapes, bulk wine, real estate and anything related to our industry. This help large growers expand and upgrade and newer smaller growers get into business by purchasing less expensive but good quality working equipment. It is also a good place to advertise their products to buy or sell. This is subsidized by The Ohio Grape Industry Committee indirectly since they pay my salary and this is part of my work. If you have never contacted OGIC and Christy Eckstein, please email: Eckstein, Christy (Christy. Eckstein @ Agri. ohio.gov) and thank them for all they do to promote our grape and wine community.

In 2013 after the retirement of Entomologist Dr. Roger Williams, Dr. Gary Gao and I wrote a proposal to be the go to entomologists until The Ohio State University hired a real live trained entomologist. Thank goodness for the advent of the invasive insects of the spotted wing drosophila and the brown marmorated stink bug. Dr. Gary Gao and I had several new insect experiments to be able to keep growers informed of trapping, identification and control alternatives. This gave us both a better appreciation and understanding of the insect world and in the end made us both better entomologists and horticulturists. In 2016, Entomologist Dr. Elizabeth Long was hired and both Gary and I gave up our Pseudo-Entomologist mantle. (Definitely #2).

Mantle-NOUN

- 1. a loose sleeveless cloak or shawl, worn especially by women. synonyms: cloak · cape · shawl · wrap · stole · pelisse
- 2. an important role or responsibility that passes from one person to another:

"the second son has now assumed his father's mantle" synonyms: role · burden · onus · duty · responsibility

Epilogue-The next 2 year plan?

I have been extremely fortunate to have dedicated a portion of my life to something I feel really passionate about, the promotion of the grape and wine industry and have been rewarded many times over by the many friendships of all of you associated with this agrarian life. It is so rewarding to be able to plant a vineyard, grow a vine, harvest a grape and produce an Ohio Quality Wine enjoyed by many locally and internationally. The Ohio Grape and Wine Community has been a real economic boom for Ohio generating dollars for research, extension, tourism, jobs and yes farm income. Ohio is thankful for Pioneers such as Dr. Garth Cahoon, Dr. Jim Gallander and OWPA Executive Donnie Winchell and others who in 1980 helped to forge the legislation for funding for the Ohio Grape and Wine Research Programs. Funding comes from approximately \$.05/gallon tax on any wine sold in Ohio. Funding is through the Department of Agriculture and the Ohio Grape Industries Committee. Funding has allowed our Grape Team of Plant Pathologists Emeritus Dr. Mike Ellis and current Dr. Melony Ivey, Entomologists Emeritus Dr. Roger Williams and current Dr. Elizabeth Long, Viticulturists Emeritus Dr. Garth A Cahoon and current Dr. Imed Dami, Diane Kinney, Dr. Gary Gao and Ryan Slaughter, Enologists Emeritus Dr. James Gallander and current Todd Steiner and Patrick Pierquet, Virologist Dr. Feng Qu, Biochemical Plant Physiologist Dr. Joshua Blakeslee, Marketing Promotion and Analysts Janelle Meade & Christy Eckstein and Weed Specialists Dr. Doug Doohan and Chengsong Hu, who are Horticulturist, more financially able to respond to practically every need of the Grape and Wine Industry. You get the gist..... This is a powerful team of researchers dedicated to help improve both grape and wine Quality and keep Ohio on the map, competitive and second to none.

I appreciate, what really feels like such a short time, that you have allowed me to be a part of the Ohio Grape and Wine Industry which I refer to as my Grape and Wine Family. The Grape and Wine Family encourages the newest entrepreneurs of grape growers and wine producers by pulling everyone up, sharing experiences and expertise. The end result is a better and stronger grape and wine family always with an eye on quality and future growth.

I plan to continue farming my small acreage of soybeans, sweet cherries and a few grapes. I will focus more on those things such as making repairs and improvements that may have taken a back seat when full time work took priority. I plan to be able to spend more time with my family and dogs. I am really appreciative of all the help and encouragement over the past 37+ years from Mary Coblentz, my Best Half, who has taken care of things at home and made me look good and presentable in public throughout my career. My 2 year game plan was as a vapor (James 4:14) and it has been a tremendous Journey. Thank you all for making it special!

OHIO STATE UNIVERSITY EXTENSION

2017 Pinot Gris Grape & Wine Production School



Tuesday, April 18, 2017 10:00 a.m. to 3:30 p.m.

Virant Family Winery 541 Atkins Road Geneva, Ohio 44041 Registration begins at 9:30 a.m.

Ohio has a long tradition of growing flavorful grapes that produce high quality wines. One of the grapes which Ohio grape growers have excelled at growing is Pinot Gris. This workshop is being held to increase the skills of grape growers and wine makers in growing this variety and making high quality wines. Registration will begin at 9:30 a.m. and the workshop will run from 10:00 a.m. until 3:30 p.m. See complete registration form on the back of this sheet. This workshop is being sponsored by OSU Extension, the Ohio Agricultural Research & Development Center (OARDC) and Ohio Grape Industries Committee.

Pinot Gris Grape Production

Attend and learn more about the best management practices in growing Pinot Gris grapes. Learn about variety characteristics, training systems, clones, and best viticulture practices for growing this variety. Learn the pros and cons of growing Pinot Gris. A review of the extensive research which has been completed by OSU personnel in Kingsville and Wooster, Ohio on Pinot Gris grapes will also be shared.

Pinot Gris Wine Production

Learn more about creating high quality Pinot Gris wine. Attendees will acquire more information about Pinot Gris Enology trials which have been conducted by the OSU enology program. Critical cellar procedures and potential wine styles for Pinot Gris will also be covered. This presentation will include a tasting of research wines.

Ohio Commercial Grower/Winemaker Panel

A panel of experienced Pinot Gris commercial growers and winemakers will share their experiences. Learn the essential growing practices and important winemaking procedures from experienced local growers and vintners in producing premium quality Pinot Gris wines. Additional discussion will also be provided as to the potential for this variety to exhibit the value and characteristics of a "signature grape variety" for the region. A commercial wine tasting will follow the panel presentation.

Featured Speakers

This workshop will feature the teaching **of Dr. Imed Dami,** Professor & Extension Viticulturist, and **Mr. Todd Steiner**, Enology Program Manager & Outreach Specialist, from The Ohio State University. We are also pleased to have a panel of experienced growers and wine makers sharing their knowledge as well.

Lunch & Refreshments

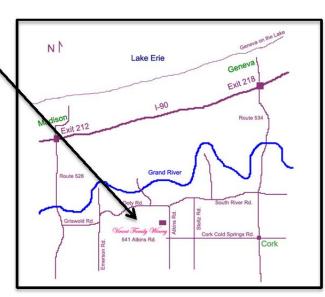
Lunch and refreshments will be provided as part of the registration fee. Participants will be treated to Virant's award winning chicken sandwiches or hamburgers with a side of pasta or potato salad. Non-alcoholic beverages will be provided. Beer and wine will be available for purchase.

Virant Family Winery, Inc 541 Atkins Road Geneva, Ohio 44041 440-466-6279

<u>Winemaker@VirantFamilyWinery.com</u> http://virantfamilywinery.com



Travel South from
Interstate 90 on Route
534 for 2.1 miles. Turn
right (west) of South River
Road and travel 2.1 miles.
Turn south (left) on Atkins
Road. Winery will be 0.3
mile on right side of road.



2017 "Intensive Pinot Gris Grape & Wine Production School" Registration Form

Pre-registration is required by Monday, April 10, 2017. Registration fee is \$25.00/per person. Registration includes refreshments, lunch, speaker travel expenses, and program handouts. Make checks payable to OSU Extension, and mail to Ashtabula County Extension office, 39 Wall Street, Jefferson, OH 44047. If you have any questions please call 440-576-9008.

Name		Phone		
Address		City	Zipcode	
Email		County		
# of Reservations	\$25 per RSVP	CFAFS r	provides research and related educational	
# of chicken sandwich lunches # of hamburger lunches		programs to clientele of a nondiscriminatory basis. For more information http://go.osu.edu/cfaesdiversit		

____Yes, pre-order a Midwest Fruit Pest Management Guide for me at \$20.50. Please enclose payment with registration sheet.

Drift happens!

Instructors- OSU's own Dr. Doug Doohan, Roger Downer, Dr. Erdal Ozkan and ODA's Chief of Division of Plant Health Matt Beal

Save the date:

When: April 20 2017 OARDC Wooster FABE 200

Time: 9AM-3PM

Where: OARDC Wooster Campus Ag Engineering FABE room 200

Train the trainer workshop offered by the OARDC Weed Lab (Doug Doohan and Roger Downer aided and abetted by Professor Erdal Ozkan – Extension Agricultural Engineer and Matt Beal ODA Chief of Division of Plant Health).

Topics will include:

Causes, cures, regulatory issues and current problems. Discussion will be encouraged and there may be a test ©

Lunch and coffee will be provided.

Cost will be \$20. Participation limited to 20-25 people.

Vine & Wine News @ "Buckeye Appellation"

By: Imed Dami and Diane Kinney, HCS-OSU

Vine & Wine News continues to provide updates on grape growing and wine making in Ohio and elsewhere. These updates will be posted on the program website, Buckeye Appellation at: http://ohiograpeweb.cfaes.ohio-state.edu/. We would like to invite you to visit the website on a regular basis to help inform you of what our OSU Team has available to you through OGEN, TGE, research updates, events and news. Our hope is that it becomes a resource you look up periodically. So why not bookmark this site today?

In the past couple of months, we have posted the following:

Educational Materials:

- Ohio Grape Electronic Newsletter (<u>OGEN</u>) on homepage and tab (current issue).
- The Grape Exchange (TGE) on the homepage and tab (latest posting on 28 Feb).
- Resources. Updated Factsheet. Backyard Grape Growing: <u>Basic Principles of Pruning</u> Backyard Grapevines
- Resources. Updated Factsheet. Backyard Grape Growing: <u>Pruning Backyard Grapevines</u> the First Three Years.

Educational Events:

- February 20-21: Ohio Grape and Wine Conference 2017
- March 15: Pruning Workshop at Olde Schoolhouse Winery
- March 16: Ohio Cane-fruit Pruning Workshop

Upcoming Educational Events:

• April 18: 2017 Pinot Gris Grape & Wine Production School

News:

- 2017 Ohio Wine Hall of Fame Inductee: Ken Schuchter
- Determining the Best Cold Hardiness Measurement

Social Media:

OSU Ohio Grape IPM

*OGEN Editor Note: Rick Dunst told the Ohio Group at the 2017 OGWC about this special event and that it fills up fast, so if you have an interest, ACT NOW! Besides the good people at Double A, this will be the last time to hear World Renown Specialists like Dr. Andrew Landers and Dr. Wayne Wilcox due to retirement. They are the best at what they do and they are good at it too.

Special Summer Grape Conference and Field Day

Double A Vineyards, Inc. is pleased to announce that we will be holding a **Summer Grape Conference and Field Day** on July 25, 2017 at the Clarion Hotel, Marina & Conference Center on the Lake Erie shoreline in Dunkirk, NY. The morning session will include presentations on grape disease management, pesticide application technology, the development and importance of clean vines, and grapevine breeding, culminating in a wine tasting of new and promising cultivars. Following lunch, we will travel by bus for the afternoon session to tour Double A Vineyards' new nursery blocks planted from "clean" virus certified plant material developed by the National Clean Plant Network. Our morning speakers and Double A owners and staff will lead discussions and answer your questions on many aspects of managing the nursery. The cost to attend is \$75.00 which includes lunch and the wine tasting. A room block is also available for those who would like to stay the night prior to or following the conference.

There is limited spacing so don't wait to reserve your spot! Register now at www.doubleavineyards.com or by calling the office at 716-672-8493. We look forward to having you!

TUESDAY, JULY 25, 2017 CLARION HOTEL, MARINA & CONFERENCE CENTER, DUNKIRK, NY

7:30-8:15 AM **Registration**

8:15-8:30 Introductions

8:30 – 9:15 Effective Vineyard Spraying – What Now, What Next

Dr. Andrew Landers, Faculty Fellow, Atkinson Centre for a Sustainable Future, Cornell University, Geneva, NY

9:15-10:00 Looking Backward, Forward, and Straight Ahead: A Perspective on Disease Control in Eastern Vineyards

Dr. Wayne Wilcox, Professor of Grape Pathology, Plant Pathology and Plant-Microbe Biology, Cornell University, Geneva, NY

10:00 – 10:30 Coffee Break and visit with your fellow growers

10:30 – 11:15 Clean Vines for the Eastern US: Why and How?

Dr. Marc Fuchs, Professor of Virology, Plant Pathology and Plant-Microbe Biology, Cornell University, Geneva, NY

11:15 - 12:00 Grapevine Breeding and New Cold Hardy Varieties

Peter Hemstad, Cold Climate Viticulture Consultant and Grape Breeder, Hemstad Consulting and St. Croix Vineyards, Stillwater, MN

12:00 - 1:00 Lunch

1:00 – 4:00 Field Tour of Double A Vineyards Certified Grapevine Nursery Blocks (travel by bus)

4:00 Return to Clarion, Conference ends

Items of Interest March-Grapes, Wine, Apples/Peaches, Weather and New Book

Grapes

A view into American grapevine history: *Vitis vinifera* cv. 'Sémillon' is an ancestor of 'Catawba' and 'Concord'-2016-Source: Vitis 55, 53–56 (2016)



Wine

Behold: The drip-free wine bottle!-March 30 2017-Source:Brandeis Now http://www.brandeis.edu/now/2017/march/wine-bottle-perlman.html

Wine Country Network Accepting Registrations for 2017 International Rosé Competition-Registration is ongoing through May 12, 2017, and is open to Rosé producers around the world-March 8 2017-Source: Wine Business.com

https://www.winebusiness.com/news/?go=getArticle&dataid=181513

Wine bottle with the ring around the neck?

Apples/Peaches

Disease Update: Copper Sprays and Orchard Sanitation to Manage Diseases-March 3 2017-Source: Penn State email communication http://extension.psu.edu/plants/tree-fruit/news/2017/disease-update-copper-sprays-and-orchard-sanitation-to-manage-diseases

Apple Freeze Risk Tool Helps Growers Assess Troublesome Temperatures-March 3 2017-Source: Growing Produce <a href="http://www.growingproduce.com/fruits/apples-pears/apple-freeze-risk-tool-helps-growers-assess-troublesome-temperatures/?utm_source=knowledgemarketing&utm_medium=newsletter&utm_campaign=gpweeklynews+03112017&omhide=true&eid=225307565&bid=1688695

Freezing Temperatures Hit South Carolina Crops Hard-March 21 2017-Source: Growing Produce

http://www.growingproduce.com/vegetables/freezing-temperatures-hit-south-carolina-crops/?utm_source=knowledgemarketing&utm_medium=newsletter&utm_campaign=afgenews+03222017&omhide=true&eid=225307565&bid=1700178

Powdery Mildew Management in Conventional and Organic Apple Orchards-March 28 2017-Source: WSU Tree Fruit http://treefruit.wsu.edu/news/powdery-mildew-management-in-conventional-and-organic-apple-orchards/

Weather

Warm February Concerning, But Fruit Growers Shouldn't Panic-February 27 2017-Source:

Growing Produce http://www.growingproduce.com/fruits/warm-february-concerning-but-fruit-growers-shouldnt-growers-

<u>panic/?utm_source=knowledgemarketing&utm_medium=newsletter&utm_campaign=gpweeklynews+03</u> 042017&omhide=true&eid=225307565&bid=1683219

Record Warmth Could Turn In to a Disaster for U.S Fruit Growers-March 2 2017-Source: Ag Web http://www.agweb.com/article/record-warmth-could-turn-into-a-disaster-for-us-fruit-growers-blmg/

What Will The Weather Be Like This Growing Season?-March 7 2017-Source: Precision Ag http://www.precisionag.com/systems-management/data/what-will-the-weather-be-like-this-growing-

 $\underline{season/?utm_source=knowledgemarketing\&utm_medium=newsletter\&utm_campaign=paenews} + 03092017\&omhide=true$

Spring Came Early. Scientists Say Climate Change Is a Culprit-March 8 2017-Source: The New York Times https://www.nytimes.com/interactive/2017/03/08/climate/early-spring.html? r=0

Book

Cold Air Accumulation and the Grower's Guide to Frost Protection

https://www.amazon.com/Accumulation-Growers-Guide-Frost-Protection/dp/1490849270

OSU Grape & Wine Research & Outreach Specialist

Please contact the following Research, Extension/Outreach Specialists, and Educators if you have any questions relating to their respective field of expertise.

	Contact Information		Area of Expertise & Assistance
Name & Address	Phone	Email & Website	Provided
Dr. Melanie Lewis Ivey, Asst. Professor Dept. Plant Pathology 224 Selby Hall OARDC 1680 Madison Avenue Wooster, OH 44691	330-263-3849 330-465-0309	E-mail: ivey.14@osu.edu Website: http://www.oardc.ohio- state.edu/fruitpathology/ Facebook: www.facebook.com/fruitpathology	Grape Diseases Diagnostics and Management. Recommendation on grape fungicides and biocontrols. Good Agricultural Practices and Food Safety Recommendations.
Dr. Celeste Welty Dept. of Entomology Columbus, Ohio	614-292-2803	E-mail: welty.1@osu.edu	Fruit and vegetable Insects
Dr. Doug Doohan, Professor Dept. Horticulture & Crop Science 205 Gourley Hall – OARDC 1680 Madison Avenue Wooster, OH 44691	330-202-3593	E-mail: doohan.1@osu.edu Website: www.oardc.ohio- state.edu/weedworkshop/default.asp	Vineyard weeds and control. Recommendation on herbicides
Dr. Imed Dami, Associate Professor & Viticulture State Specialist Dept. Horticulture & Crop Science 216 Gourley Hall – OARDC	330-263-3882	E-mail: dami.1@osu.edu	Viticulture research and statewide extension & outreach programs. Recommendation on variety selection. Imed is the primary research contact
1680 Madison Avenue Wooster, OH 44691		Website: oardc.osu.edu/grapeweb/	of the viticulture program.

Name & Address	Contact Information		Area of Expertise& Assistance Provided
	Phone	Email & Website	
Or. Elizabeth Long, Assistant Professor OSU/OARDC Entomologist 105 Thorne Hall, Wooster, OH 44691	330-263-3725	E-mail: long1541@osu.edu	Fruit and vegetable insects
Dr. Gary Gao, Small Fruit Specialist and Associate Professor, OSU South Centers 1864 Shyville Road, Piketon, OH 45661 OSU Campus in Columbus Room 256B, Howlett Hall, 2001 Fyffe Ct Columbus, OH 43201	740-289-2071 ext.123 Fax:740-289-4591	E-mail: gao.2@cfaes.osu.edu Website: http://southcenters.osu.edu/	Viticulture Research and Outreach, VEAP visits in southern Ohio, vineyard management practices, soil fertility and plant nutrition, fruit quality improvement, variety evaluation, table and wine grape production
David Scurlock, Viticulture Outreach Specialist 118 Gourley Hall – OARDC 1680 Madison Avenue Wooster, OH 44691	330-263-3825	E-mail: scurlock.2@osu.edu Website: oardc.osu.edu/grapeweb/	Evaluation of site suitability for vineyard establishment and all aspects of grape production practices in northern Ohio. David is the primary extension contact of the viticulture program
Todd Steiner, Enology Program Manager & Outreach Specialist Dept. Horticulture & Crop Science 118 Gourley Hall – OARDC 1680 Madison Avenue Wooster, OH 44691	330-263-3881	E-mail: steiner.4@osu.edu Website: oardc.osu.edu/grapeweb/	Commercial wine production, sensory evaluation, laboratory analysis/setup and winery establishment. Todd is the primary research and extension contact of the enology program
Andrew Kirk, AARS Station Manager Ashtabula Agricultural Research Station 2625 South Ridge Road Kingsville, OH 44048	440-224-0273	E-mail: Website: www.oardc.ohio-state.edu/branches/branchinfo.asp?id=1	Winegrape production in Northeast Ohio, especially <i>vinifera</i> varieties

	Contact Information		Area of Expertise& Assistance Provided
Name & Address	Phone	Email & Website	Provided
David Marrison, County Extension Director, Associate Professor & Extension Educator, OSU Extension-Ashtabula County 39 Wall Street Jefferson, Ohio 44047	440-576-9008 Ext. 106	E-mail: marrison.2@osu.edu Website: ashtabula.osu.edu	Vineyard and winery economics, estate planning and Extension programs in Northeast Ohio
Or. Erdal Ozkan Professor & Extension State Specialist, Food, Agric. & Biological Engineering Dept. 590 Woody Hayes Drive Columbus, OH 43210	614-292-3006	E-mail: oxkan.2@osu.edu Website: http://fabe.osu.edu/our- people/erdal-ozkan	Pesticide application technology; Sprayer calibration
Patrick Pierquet Dept. Horticulture & Crop Science 130 Gourley Hall – OARDC 1680 Madison Avenue Wooster, OH 44691	330-263-3879	E-mail: patrick_pierquet@hotmail.com	Wine Cellar Master- Micro vinification, sensory evaluation and laboratory analysis