Ohio Grape-Wine Electronic Newsletter

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www.oardc.ohio-state.edu/grapeweb/

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Content:

2015 Ohio Vineyard Custom Rate Survey

OSU Extension is asking for your assistance in securing up-to-date information about the fee to perform tasks in Ohio vineyards. Many vineyards across Ohio hire machinery operations and other vineyard related work to be completed by others. This is often due to lack of proper equipment, lack of time or lack of expertise for a particular operation. Many vineyards do not own equipment for every possible job they may encounter and may, instead of purchasing the equipment needed, seek out someone with the proper tools necessary to complete the job. To date, no survey has been conducted to analyze custom rates for vineyard work in Ohio. We are asking for your assistance in responding to this inaugural Ohio Vineyard Custom Rate Survey.

Please respond even if you only have a few rates to report. Please report for what **you have paid** to hire work or **what you charge** if you perform custom work. Custom Rates should include all ownership costs of implement & tractor (if needed), operator labor, fuel and lube. All data will be reported as averages/range in the final report. Thank you for your participation in this survey. More information can be received by calling OSU Extension-Ashtabula County at 440-576-9008 or by emailing marrison.2@osu.edu

County or Counties (where grapes are grown)_____
Average number of vines per acre_____ Number of vineyard acres_____

Land Clearing
$_____ / hour
$_____ / acre

Tile Drainage Installation without Materials
$_____ / foot for 4" plastic
$_____ / foot for 5" plastic
$_____ / foot for 6" plastic
_____typical lateral spacing
_____typical depth
Type of machine (check one)
Plow____
Ditching Machine___
Other____

Vine Planting-Hand
$_____ / hour
$_____ / vine
$_____ / acre

Vine Planting-Mechanical
$_____ / hour
$_____ / vine
$_____ / acre

Vine Planting-Mechanical with Laser
$_____/Set up fee per row
$_____ / plant

Post Installation
$_____ / hour
$_____ / post
$_____ / acre

End-Post Installation
$_____ / post

Installation of End-Post Anchor & Connection
$_____ / post

Wire Installation
$_____ / hour
$_____ / acre

Lime Application
$_____/ ton
$_____/ acre

Fertilizer Application
$_____/ton
$_____/ acre

Custom Spraying (Fungicides & Insecticides) per application
$_____/ acre

Custom Spraying (Herbicide) per application
$_____/ acre

Soil Sampling
$_____/ acre

Mechanical Pre-Pruning
$_____ / hour
$_____ / vine
$_____ / acre

Pruning-Spur
$_____ / hour
$_____ / vine
$_____ / acre

Pruning-Cane
$_____ / hour
$_____ / vine
$_____ / acre

Brush Removal
$_____ / hour
$_____ / vine
$_____ / acre

Hand Suckering
$_____ / hour
$_____ / vine
$_____ / acre

Chemical Suckering
$_____ / hour
$_____ / vine
$_____ / acre

Tying & Renewal
$_____ / hour
$_____ / vine
$_____ / acre

Shoot Positioning-VSP
$_____ / hour
$_____ / vine
$_____ / acre

Shoot Positioning/Combing High Cordon
$_____ / hour
$_____ / vine
$_____ / acre

Summer Hedging
$_____ / hour
$_____ / vine
$_____ / acre
Type of machine (check one)
Hand_____
Mechanical/tractor____

Leaf Removal
$_____ / hour
$_____ / vine
$_____ / acre

Cluster Removal/ Crop Adjustment
$_____ / hour
$_____ / vine
$_____ / acre

Shoot Thinning
$_____ / hour
$_____ / vine
$_____ / acre

In-Row Cultivation
$_____ / hour
$_____ / acre

Between Row Cultivation / Rototillering
$_____ / hour
$_____ / acre

Hilling Up- Mechanical
$_____ / hour
$_____ / acre

Un-Hilling- Mechanical
$_____ / hour
$_____ / acre

Un-Hilling- Hand Follow-up
$_____ / hour
$_____ / vine
$_____ / acre

Cover Crop Planting
$_____ / hour
$_____ / acre

Mowing
$_____ / hour
$_____ / acre

Custom Harvest-Mechanical
$_____ / hour

Custom Harvest-Hand
$_____ / hour
$_____ / lug
$_____ / ton

Hired Labor
$_____ / hour

Hauling Cost
$_____ / ton
$_____ / mile

Please return by February 23, 2015. If you would like a copy the results of this survey, please write an email address or mailing address below:

Please return the survey to:

OSU Extension
c/o David Marrison
39 Wall Street
Jefferson, Ohio 44047

Brief Grape Bud and Cane Winter Damage Assessment

by Dave Scurlock, OSU/OARDC Viticulture Outreach Specialist

There have been a few phone calls within the last couple of weeks asking about and reporting some cane damage and primary bud damage. I collected samples from 6 varieties this past Monday to satisfy my own curiosity and hopefully answer your concerns better. I let the canes sit at room temperature (70^0F) for 3 days. This helps the buds that are injured time to oxidize a little more if they have been injured and give you a better indication of death. I collected a minimum of 10 canes of 10 buds each. I took a sub sample of buds from position 1-5, cut parallel to the cane through the bud about halfway down the bud to expose the primary bud. If the bud shows a bright green color, it's alive Figure 1. If it is dull or black Figure 2, count it as dead. I recorded the number of dead buds I like to report on the % live buds. Before I tossed the canes away, I made a shallow slice along the cane to check for cane damage. If the cane is bright green and no brown or dark discoloration around the edges it has no damage Figure 3. Figure 4 is all the tools you need to test your own winter damage. A pruner, straight edge razor and a lighted magnifying lamp really helps.

Figure 1

Figure 2

Figure 3

Figure 4

I have been worried with these cold temperatures in January that we may have some bud damage especially after the getting subzero temperatures in early January shortly following the nearly 60^0F temperatures. We are only midway through the meteorological winter but things look fairly normal.

The data for the 6 varieties sampled is in Table 1.

Table 1 Winter assessment of 6 grape varieties

Variety	% Live Buds	Cane Damage
Cab franc	100	None
Chardonnay	92	None
Riesling	100	Possibly?
Chambourcin	85	None
Traminette	92	None
Chardonel	100	None

This assessment is for the condition of vines in the Wooster vineyard. There are many factors that could come into play to create better or worse winter damage numbers in your vineyard. Some of these factors are crop load, vine vigor or disease pressure last year. Always assess your own vineyard and rely on your own numbers to dictate how you are going to prune it. In the case of the Wooster vineyard our numbers at this point in time tell us we can prune it to the normal amount of buds. At this time in the season I would leave some extra buds though. You prune them off a lot easier then put them back on. There will be a couple of sessions at this year's 2015 Ohio Grape and Wine Conference on Winter Damage. Be sure to register at http://www.oardc.ohio-state.edu/grapeweb/images/2015_Ohio_Grape_and_Wine_Conference_Registration.pdf

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 Provided
Name & Address	**Phone**	**Email & Website**	
Dr. Mike Ellis, Emeritus Professor Dept. Plant Pathology 224 Selby Hall -- OARDC 1680 Madison Avenue Wooster, OH 44691	330-263-3849	E-mail: ellis.7@osu.edu *After Dec. 1 2014 Website: http://www.oardc.ohio-state.edu/fruitpathology/	Grape diseases and control. Recommendation on grape fungicides
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 1680 Madison Avenue Wooster, OH 44691	330-263-3882	E-mail: dami.1@osu.edu Website: oardc.osu.edu/grapeweb/	Viticulture research and statewide extension & outreach programs. Recommendation on variety selection. Imed is the primary research contact of the viticulture program.

	Contact Information		Area of Expertise& Assistance Provided
Name & Address	**Phone**	**Email & Website**	
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
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
Greg Johns, Station Manager Ashtabula Agricultural Research Station 2625 South Ridge Road Kingsville, OH 44048	440-224-0273	E-mail: johns.1@osu.edu Website: www.oardc.ohio-state.edu/branches/branchinfo.asp?id=1	Winegrape production in Northeast Ohio, especially *vinifera* varieties

	Contact Information		Area of Expertise& Assistance Provided
Name & Address	**Phone**	**Email & Website**	
David Marisson, 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