

AGENDA for Research Reporting Session:

Hosted by:

New York Wine & Grape Foundation
via zoom at <https://nywgf.zoom.us/j/7591657459>
Call in phone # 1-929-205-6099 /Meeting ID: 759 165 7459

February 11, 2021

10am-1:30pm

This grape research reporting session will focus on both viticulture and enology projects receiving total or partial funding from the New York Wine and Grape Foundation during 2020-2021 and new project proposals for 2021-2022.

The meeting will be conducted in an informal, roundtable format to accommodate questions from the floor while at the same time giving everyone a chance to present key findings from 2020-21 and outline plans for the future.

Individuals with **continuing projects will have 10 minutes** to report and present future plans; **new and concluding projects will have 5 minutes to present**. Participants will **NOT** have access to PowerPoint presentations. Keep in mind that not all participants have access to progress reports so please limit references to them. We are asking presenters to remain in their allotted time to discuss their results (**minimal time should be spent on materials and methods**) to ensure that there is enough time for questions.

10:00am – Call to order, opening remarks and introductions.

10:10 *Rob Smith, Chair, Lake Erie Regional Grape Research & Extension Program*

10:10 – **Mechanization & Precision Agriculture/Cultural Practices**

10:40

Concluding Project: (5 min)

- Bud Hardiness and Winter Injury Assessment 2020-2021
OSP 74080

Martinson

Continuing Projects: Progress Reports (10 mins each)

- Determining bud mortality via thermal and multispectral imaging to guide pruning practices
OSP 92381 *Vandel-Heuvel*
- Evaluating the effects of cropping levels on bud hardiness to mitigate risk in Lake Erie grape production for Vitis Labrusca, Vitis Vinifera and Hybrid Cultivars
OSP 92375 *Russo*

New Project: (5 min)

- Improving regional and block-level Concord crop estimation
OSP138725

Bates

10:40 –
11:40

Disease & Pest Management/Invasive Species

Continuing Project: (10 mins each)

- Insecticide resistance is limiting control of sour rot in New York vineyards.
OSP 89165 *Loeb/Scott*
- Increasing the Reliability and Scope of NEWA Weather and Pest Model Info in the Lake Erie Region OSP 83820 *Russo*
- Evaluation of a berry cuticle supplement to reduce cluster rot in vineyards.
OSP 89216/G205 *Walter-Peterson, Wise*
- Evaluation of Cevya for grape black rot and powdery mildew control of juice and wine grapes. OSP 213499 *Hed*

New Project: (5 mins each)

- Biology and Mgmt. of sour rot and its important insect vectors
OSP 138780 *Loeb*
- The use of ultraviolet light to suppress grapevine diseases and pests.
OSP 138761 *Gadoury*
- Validation & optimization of In Vitro Bioassays to assess insecticide susceptibility in Grape Pests OSP 220447 *Simpson*
- Effect of silicon on grapevine health OSP 220583 *Acevedo*

11:40 –
11:50

Floor & Weed Management

Concluding Project: (5 min)

- Evaluation of Methods for Management of Field Bindweed in New York Vineyards OSP 86980 *Walter-Peterson*

New Project: (5 min)

- Evaluating pre-emergence (PRE) and post-emergence (POST) herbicide tank mixes for residual weed mgmt. and sucker control in grapes.
OSP 138769 *Sosnoskie*

10-minute ZOOM break

12:00 –
12:05

Sustainability

New Project: (5 min)

- Sustainable Disease management for 21st Century New York Viticulture
OSP138751 *Gold*

12:05 –
12:50

Grape Varieties & Clones

Continuing Project: (10 mins each)

- Evaluation of Winegrape Cultivars on Long Island G204 *Wise*
- Cabernet Franc Clone and Rootstock Selection Suitable for Hudson Valley AVA and Viticultural Techniques for Superior Fruit Quality
OSP 83799 *Jentsch*
- Identifying clean nursery stocks for a sustainable New York viticulture
OSP 89144 *Fuchs*
- Breeding & evaluation of new wine grape varieties with improved cold tolerance & disease resistance. OSP 69282 *Reisch*

New Project: (5 min)

- Side by Side evaluation of clones & hybrids of Vitis vinifera “Riesling” in the Lake Erie Region of Penn OSP 220344 *Hed*

12:50 –
1:05

Wine Quality

Concluding Project: (5 mins each)

- Development of rapid approaches for quantifying key flavor compounds & their precursors in grapes. OSP 72600 *Sacks*
- Expanding opportunities for canned wines OSP 92383 *Sacks*

New Project: (5 min)

- Expanding the range of rapid analysis approaches to semi-polar volatiles and non-volatile precursors in grapes OSP 138565 *Sacks*

1:05 –
1:25

Business Mgmt.: Customer acceptance/awareness & Comm with growers

Continuing Project: (10 min)

- Veraison to Harvest newsletter and Fruit Sampling 2020
OSP 70812 *Martinson*

New Project: (5 mins each)

- Phoning it in: Digital Descriptors for NY Wines
OSP138742 *Mansfield*
- New York Wine Customer Awareness Project *Rose Research*

1:30pm

Adjourn