



# Finger Lakes Vineyard Update

## Winter Bud Injury by Location

*Hans Walter-Peterson*

As I mentioned in my email last week with the results of our bud injury survey, we organized the data from our collection both by variety and by location. Included below are the results based on location, organized by each lake where we collected samples.

As you can see from the data, and as we've been saying and hearing from growers all along, the damage varies a lot between locations. The 'banana belt' of southeast Seneca Lake seems to have fared the best overall, at least in the areas where we surveyed, with the worst damage mostly showing up in the northern portion of the Finger Lakes.

In addition to this work, we will be conducting another assessment in vineyards this summer looking at the level of trunk injury in these same blocks where we collected bud injury samples. Our goal is to come up with an overall assessment of vineyard damage from this winter and estimate the economic impact of that damage, similar to the survey that Tim Martinson and Bill Wilsey conducted in 2004. We have also been in contact with the Department of Ag & Markets to discuss how we might demonstrate (if we can) that there is enough damage in certain varieties (e.g., Riesling) to allow farm wineries to purchase fruit from outside of New York. The legal threshold where this exemption would be triggered is a 40% reduction in yield *across the state* for any particular variety. My guess is that most wineries would not use this provision, but there might be some who would want or need to this year. We are hoping to have this determination made very soon.

### *Links To*

<a href="#">BEV NY Slides</a>	<a href="#">5</a>
<a href="#">USDA Program</a>	<a href="#">6</a>
<a href="#">TAP Facts Sheet</a>	<a href="#">8</a>
<a href="#">Upcoming Events</a>	<a href="#">9</a>
<a href="#">GDDs</a>	<a href="#">11</a>

**Tailgate Meetings Begin**

*May 13, 2014*

**Spring Grape IPM Meeting**

*May 22, 2014*

## Winter Bud by Location (continue from page 1)

For the survey, we collected 100 buds (or as close to 100 as we could get, in some cases) from each variety at each location during the last two weeks of March. If you have any questions about the results from our survey, please feel free to contact us.

	Primary bud injury (%)	Secondary bud injury (%)
<b>Skaneateles Lake</b>		
Cab Franc	100	100
Cab Sauvignon	100	96
Pinot Gris	90	90
Pinot Noir	100	92
Riesling	75	68

	Primary bud injury (%)	Secondary bud injury (%)
<b>Canandaigua Lake</b>		
<b>South Bristol</b>		
Cayuga White	24	5
Concord	15	8
Niagara	6	1
Riesling	93	64

*Additional tables on pages 3, 4, and 5*

# Finger Lakes Vineyard Update

Finger Lakes Grape Program

April 17, 2014

## Winter Bud by Location (continue from page 2)

Hans Walter-Peterson

	Primary bud injury (%)	Secondary bud injury (%)
<b>Cayuga Lake</b>		
Interlaken		
Cab Franc	59	43
Cayuga White	36	9
Chardonnay	94	56
Gewurztraminer	80	71
Lemberger	42	20
Merlot	87	74
Riesling	89	85
<b>Ovid Cayuga Lake</b>		
Cab Franc	44	16
Catawba	9	2
Cayuga White	22	12
Chardonnay	45	26
Gewurztraminer	14	11
Lemberger	79	86
Pinot Gris	87	88
Pinot Noir	90	84
Riesling	84	76
<b>Varick</b>		
Cab Franc	100	96
Chardonnay	100	100
Lemberger	100	100
Pinot Noir	100	100
Riesling	94	87

	Primary bud injury (%)	Secondary bud injury (%)
<b>Keuka Lake</b>		
Barrington		
Cayuga White	48	43
Concord	19	9
Gewurztraminer	78	75
Lemberger	19	6
Niagara	10	7
Riesling	59	33
Traminette	40	42
<b>Bluff Point</b>		
Cayuga White	95	58
Concord	38	12
Niagara	9	3
Riesling	44	38
<b>Branchport</b>		
Cab Franc	89	82
Cayuga White	86	76
Concord	17	10
Niagara	8	5
Riesling	93	49
Traminette	62	57
<b>Hammondsport</b>		
Cab Franc	77	63
Cayuga White	79	60
Chardonnay	76	72
Concord	39	42
Gewurztraminer	84	79
Pinot Noir	30	2
Riesling	84	82
<b>Pulteney</b>		
Cab Franc	90	87
Cayuga White	12	6
Concord	43	33
Riesling	90	86

*Additional tables on pages 4 and 5*

# Finger Lakes Vineyard Update

Finger Lakes Grape Program

April 17, 2014

## Winter Bud by Location (continue from page 3)

	Primary bud injury (%)	Secondary bud injury (%)
<b>Seneca Lake</b>		
<b>Dresden</b>		
Cab Franc	82	73
Cayuga White	44	33
Chardonnay	73	60
Concord	21	15
Gewurztraminer	56	38
Gruner Veltliner	47	30
Lemberger	46	20
Merlot	99	98
Pinot Gris	49	37
Pinot Noir	98	96
Riesling	68	13
<b>Dundee</b>		
Chardonnay	81	50
Riesling	71	65
<b>Fayette</b>		
Cab Franc	40	43
Chardonnay	97	77
Gewurztraminer	86	86
Gruner Veltliner	98	93
Merlot	87	80
Pinot Gris	98	87
Pinot Noir	89	82
Riesling	68	64
<b>Geneva</b>		
Cab Franc	63	32
Cab Sauvignon	91	89
Chardonnay	76	9
Gewurztraminer	84	81
Merlot	93	88
Pinot Noir	88	8
Riesling	82	33

	Primary bud injury (%)	Secondary bud injury (%)
<b>Glenora</b>		
Cab Franc	48	27
Cayuga White	34	23
Chardonnay	80	79
Concord	6	4
Gewurztraminer	67	64
Gruner Veltliner	99	92
Merlot	89	50
Pinot Noir	49	42
Riesling	79	50
<b>Hector</b>		
Cab Franc	15	5
Cayuga White	45	38
Chardonnay	44	30
Concord	1	0
Gewurztraminer	22	18
Merlot	44	37
Pinot Gris	20	4
Pinot Noir	18	5
Riesling	19	11
Sauv Blanc	39	27
<b>Lodi</b>		
Cab Franc	28	17
Cab Sauv	71	59
Cayuga White	41	38
Chardonnay	44	36
Gewurztraminer	44	41
Merlot	67	64
Niagara	18	4
Pinot Noir	52	39
Riesling	50	40

*Additional tables on page 5*

## Winter Bud by Location (continue from page 4)

	Primary bud injury (%)	Secondary bud injury (%)
<b>Ovid Seneca Lake</b>		
Cab Franc	35	16
Cab Sauvignon	79	5
Cayuga White	12	3
Chardonnay	70	49
Concord	26	2
Pinot Gris	28	8
Pinot Noir	42	28
Riesling	79	20
<b>Watkins Glen</b>		
Cab Franc	47	37
Concord	16	12
Gewurztraminer	75	75
Niagara	9	5
Pinot Noir	53	42
Riesling	58	52
Traminette	41	38

## B.E.V. NY Slide Presentation Are Available Online

*Hans Walter-Peterson*



Those of you who were registered any of the three days of the B.E.V. NY conference this year should have received an email from Gemma Osborne a couple of weeks ago with details on how to access the slide presentations from our speakers. If you did not receive the email, or can't seem to locate it, please contact Gemma at [gro2@cornell.edu](mailto:gro2@cornell.edu) and she can provide you with the web address and password to access the files.

## USDA Officially Announces Sign-Up Date For Farmers and Rancher Disaster Assistance Programs

### *Sign-Up Begins April 15th for Livestock, Honeybee, Fruit Grower Programs*

WASHINGTON, April 7, 2014 – The U.S. Department of Agriculture (USDA) announced today that farmers and ranchers can sign-up for disaster assistance programs, reestablished and strengthened by the 2014 Farm Bill, beginning Tuesday, April 15, 2014. Quick implementation of the programs has been a top priority for USDA.

“These programs will provide long-awaited disaster relief for many livestock producers who have endured significant financial hardship from weather-related disasters while the programs were expired and awaiting Congressional action,” said Agriculture Secretary Tom Vilsack. “President Obama and I prioritized the implementation of these disaster assistance programs now that the Farm Bill has restored and strengthened them.”

The Livestock Indemnity Program (LIP) and the Livestock Forage Disaster Program (LFP) will provide payments to eligible producers for livestock deaths and grazing losses that have occurred since the expiration of the livestock disaster assistance programs in 2011, and including calendar years 2012, 2013, and 2014.

Enrollment also begins on April 15 for producers with losses covered by the Emergency Assistance for Livestock, Honeybees, and Farm-Raised Fish Program (ELAP) and the Tree Assistance Program (TAP).

LIP provides compensation to eligible livestock producers that have suffered livestock death losses in excess of normal mortality due to adverse weather. Eligible livestock includes beef cattle, dairy cattle, bison, poultry, sheep, swine, horses, and other livestock as determined by the Secretary.

- **LFP** provides compensation to eligible livestock producers that have suffered grazing losses due to drought or fire on publicly managed land. An eligible livestock producer must own, cash lease, or be a contract grower of eligible livestock during the 60 calendar days before the beginning date of the qualifying drought or fire in a county that is rated by the U.S. Drought Monitor as D2, D3, or D4.
- **ELAP** provides emergency assistance to eligible producers of livestock, honeybees and farm-raised fish that have losses due to disease, adverse weather, or other conditions, such as blizzards and wildfires, as determined by the Secretary of Agriculture.
- **TAP** provides financial assistance to qualifying orchardists and nursery tree growers to replant or rehabilitate eligible trees, bushes and vines damaged by natural disasters.

USDA Farm Service Agency (FSA) employees have worked exceptionally hard over the past two months to ensure eligible farmers and ranchers would be able to enroll to receive disaster relief on April 15.

To expedite applications, all producers who experienced losses are encouraged to collect records documenting these losses in preparation for the enrollment in these disaster assistance programs. Information on the types of records necessary can be provided by local FSA county offices. Producers also are encouraged to contact their county office ahead of time to schedule an appointment.

*Note – A fact sheet with details about the Tree Assistance Program (TAP) that was authorized in the recent Farm Bill follows this article. We will have more information soon about other FSA programs that growers may want to consider applying for in the wake of this year’s winter injury.*

# Finger Lakes Vineyard Update

Finger Lakes Grape Program

April 17, 2014

## USDA Officially Announces Sign-Up Date (continue from page 6)

<b><u>Ontario County</u></b>	<b><u>Schuyler County</u></b>	<b><u>Seneca County</u></b>	<b><u>Steuben County</u></b>	<b><u>Yates County</u></b>
Joann Rogers, Executive Director	Kathy Mastellar, Executive Director	Kathy Mastellar, Executive Director	Jamie Earl, County Executive Director	Jamie Earl, County Executive Director
Karen Rugenstein, Farm Loan Manager	Christopher Wager, Farm Loan Manager	Karen Rugenstein, Farm Loan Manager	Christopher Wager, Farm Loan Manager	Christopher Wager, Farm Loan Manager
Ontario County Farm Service Agency	Seneca County Farm Service Agency	Seneca County Farm Service Agency	Steuben County Farm Services Agency	Steuben County Farm Services Agency
3037 County Road 10	2041 US Route 20	2041 US Route 20	415 W Morris St	415 W Morris St
Canandaigua, NY 14424-8303	Seneca Falls, NY 13148	Seneca Falls, NY 13148	Bath, NY 14810-1038	Bath, NY 14810-1038
(585) 394-0525	(315) 568-6346	(315) 568-6346	(607) 776-7398	(607) 776-7398

## TAP Fact Sheet



## 2014 Farm Bill

## FACT SHEET

April 2014

UNITED STATES DEPARTMENT OF AGRICULTURE  
FARM SERVICE AGENCY

### Tree Assistance Program for Orchardists and Nursery Tree Growers (TAP)

#### OVERVIEW

The USDA Tree Assistance Program (TAP) provides financial assistance to qualifying orchardists and nursery tree growers to replant or rehabilitate eligible trees, bushes and vines damaged by natural disasters occurring on or after Oct. 1, 2011. TAP was authorized by the Agricultural Act of 2014 as a permanent disaster program.

#### ELIGIBLE TREE TYPES

Eligible trees, bushes and vines are those from which an annual crop is produced for commercial purposes. Nursery trees include ornamental, fruit, nut and Christmas trees produced for commercial sale. Trees used for pulp or timber are ineligible.

#### ELIGIBLE PRODUCERS

To qualify for TAP, orchardists and nursery tree growers must:

- Have suffered qualifying tree, bush or vine losses in excess of 15 percent (adjusted for normal mortality) from an eligible natural disaster for the individual stand;
- Have owned the eligible trees, bushes and vines when the natural disaster occurred, but eligible growers are not required to own the land on which eligible trees, bushes and vines are planted;

- Replace eligible trees, bushes and vines within 12 months from the date the application is approved.

#### PAYMENT CALCULATION

For tree, bush or vine replacement, replanting, and/or rehabilitation, the payment calculation is the lesser of the following:

- 65 percent of the actual cost of replanting, in excess of 15 percent mortality (adjusted for normal mortality), and/or 50 percent of the actual cost of rehabilitation, in excess of 15 percent damage or mortality (adjusted for normal tree damage and mortality) or;
- The maximum eligible amount established for the practice by the USDA Farm Service Agency's (FSA) Deputy Administrator for Farm Programs.

The cumulative total quantity of acres planted to trees, bushes or vines for which a producer can receive TAP payments cannot exceed 500 acres annually.

Additional information regarding TAP or other USDA programs can be found by visiting a nearby FSA county office or online at [fsa.usda.gov](http://fsa.usda.gov).



## TAP Facts Sheet (continue from page 8)

*The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers, employees, and applicants for employment on the bases of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, familial or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.) Persons with disabilities, who wish to file a program complaint, write to the address below or if you require alternative means of communication for program information (e.g., Braille, large print, audiotape, etc.) please contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). Individuals who are deaf, hard of hearing, or*

*have speech disabilities and wish to file either an EEO or program complaint, please contact USDA through the Federal Relay Service at (800) 877-8339 or (800) 845-6136 (in Spanish).*

*If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form, found online at [http://www.ascr.usda.gov/complaint\\_filing\\_cust.html](http://www.ascr.usda.gov/complaint_filing_cust.html), or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter by mail to U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at [program.intake@usda.gov](mailto:program.intake@usda.gov).*

*USDA is an equal opportunity provider and employer.*

## Upcoming Events

Don't forget to check out the calendar on our website (<http://flgp.cce.cornell.edu/events.php>) for more information about these and other events relevant to the Finger Lakes grape industry.

### FLGP Tailgate Meetings

*Held every other Tuesday, beginning May 13*

*5:00 – 6:30 PM*

*Locations to be announced*

Our annual series of tailgate meetings will be starting up again on Tuesday, May 13. These meetings are held every other week at various grape farms around the Finger Lakes, and are intended to be informal, small-group meetings where FLGP staff and growers can ask questions and discuss issues about vineyard management, IPM strategies or other topics appropriate for that point in the growing season. Last year's meetings were each approved for 0.75 pesticide recertification credits, and we anticipate offering the same again this year.

Locations for each meeting will be announced soon. Watch the '[Events](#)' section of our website for details.

## Upcoming Events (continue from page 9)

---

### Spring Grape IPM Meeting

*Thursday, May 22 4:00 – 6:00 PM*

*Standing Stone Vineyards*

*9934 NY Route 414*

*Hector NY 14841*

Hear ye, hear ye! Time once again to recharge your IPM knowledge at the Spring Grape IPM Meeting. This year's meeting will be at Standing Stone Vineyards in Hector NY on Thursday May 22, starting at 4:00 PM. Come hear the latest and greatest hits from some of your favorite pest management gurus – Wayne Wilcox, Greg Loeb, and Andrew Landers. Also on the program is an update on bird control measures (including those air-filled flapping arm guys that were placed in a few vineyards last year) and some important reminders on PPE and tractor safety.

As always, dinner will be provided after the program, so be sure to plan and stick around for some social time and good food.

There is no registration fee for growers who are enrolled in the FLGP for 2014, and a \$10 fee for those who are not enrolled. Growers will be eligible to receive 1.5 pesticide recertification credits at this meeting.

You can register online for the meeting at our website by going to [http://flgp.cce.cornell.edu/event\\_preregistration.php?event=141](http://flgp.cce.cornell.edu/event_preregistration.php?event=141), or by calling our office at 315-536-5134. If you would like to receive credits, please provide us with your pesticide applicator number when you register.

## 2014 GDD Accumulation

FL Teaching & Demonstration Vineyard – Dresden, NY					
Date	Hi Temp (F)	Lo Temp (F)	Rain (inches)	Daily GDDs	Total GDDs
4/1/14	60.8	30.1	0.00	0.0	0.0
4/2/14	54.7	35.3	0.00	0.0	0.0
4/3/14	43.6	26.1	0.00	0.0	0.0
4/4/14	49.3	33.9	0.19	0.0	0.0
4/5/14	45.3	34.1	0.03	0.0	0.0
4/6/14	51.7	26.9	0.00	0.0	0.0
4/7/14	48.4	33.4	0.48	0.0	0.0
4/8/14	53.3	40.6	0.33	0.0	0.0
4/9/14	47.9	35.9	0.00	0.0	0.0
4/10/14	70.4	33.2	0.00	1.8	1.8
4/11/14	62.2	42.9	0.02	2.6	4.4
4/12/14	67.2	37.9	0.00	2.6	6.9
4/13/14	83.4	48.4	0.00	15.9	22.8
4/14/14	79.1	59.9	0.40	19.5	42.3
4/15/14	63.4	28.2	0.68	0.0	42.3
4/16/14	37.6	23.5	0.00	0.0	42.3

GDDs as of April 16, 2014: 23.5

Rainfall as of April 16, 2014: 1.78"

The NEWA station at Geneva is being replaced with a new Rainwise machine. Once it is up and reporting data again, we will start our annual comparisons to the long-term averages for GDDs and rainfall for the season.

## Additional Information

---

Got some grapes to sell? Looking to buy some equipment or bulk wine? List your ad on the [NY Grape & Wine Classifieds website](#) today!

Become a fan of the [Finger Lakes Grape Program on Facebook](#), or follow us on [Twitter \(@cceflgp\)](#). Also check out our website, “The Grape Lakes – Viticulture in the Finger Lakes” at <http://flg.cce.cornell.edu>.

Cornell University Cooperative Extension provides equal program and employment opportunities. CCE does not endorse or recommend any specific product or service. This program is solely intended to educate consumers about their choices. Contact CCE if you have any special needs such as visual, hearing or mobility impairments.



### FINGER LAKES VINEYARD UPDATE

Is published by

Cornell Cooperative Extension

Finger Lakes Grape Program

Ontario, Schuyler, Seneca, Steuben and Yates Counties

417 Liberty Street, Penn Yan, NY 14527

315.536.5134