

## Questions for Speakers

Due to the complex and important topics to be discussed at the meetings, we are asking participants to pre-submit questions. There will be time for questions at the meetings, too. Pre-submitting questions will make sure that the speakers cover the information on the questions you have.

*(Be specific and give details in your questions.)*

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*You can submit more details or questions on separate paper if needed.*

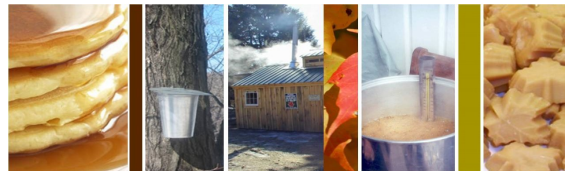
## Meet the Speakers

**Dr. Abby van den Berg**, is a Research Associate Professor and Assistant Director at the University of Vermont Proctor Maple Research Center. Current research includes the long-term effects of tapping on tree growth and health and developing guidelines for tapping practices that optimize yields and sustainability, the effects of processing technologies on syrup composition and flavor, and developing tapping guidelines and best practices for birch sap collection and syrup production. She has been with the Proctor Center since 2001, and earned her Ph.D. in Plant Biology from UVM in 2007.

**Mr. Steve Childs**, is a Maple Specialist for Cornell University. His Maple programming focused research and Extension efforts in the areas of maple value added products, grading, management of the forest tent caterpillar, tap hole sanitation and maple tubing systems. Steve has had a long background in maple as a producer in Allegheny County New York and now as a maple specialist for Cornell.

**Mr. Dan Milo**, is a Food Safety Supervisor with the Ohio Department of Agriculture Division of Food Safety and a hobby maple producer in Northeast Ohio. Dan has been working for the benefit of Ohio maple producers at ODA for many years.

**Dr. Gary Graham**, State Maple Syrup Specialist for Ohio State University Extension and County Educator in Agriculture and Natural Resources in Holmes County.



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## OHIO STATE UNIVERSITY EXTENSION MISSION

We create **opportunities** for people to explore how **science-based knowledge** can **improve social, economic and environmental conditions**.



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Business and Economics · Community Crops and Livestock · Health and Nutrition  
Home and Family · 4-H Youth Development  
Lawn and Garden  
Natural Resources and Environment



## CFAES OHIO STATE UNIVERSITY EXTENSION



# 2020 Ohio Maple Days

January 23, 24 and 25

### Featured Speakers:

Dr. Abby van den Berg  
Mr. Stephen Childs  
Mr. Dan Milo  
Dr. Gary Graham

 **THE OHIO STATE UNIVERSITY**  
COLLEGE OF FOOD, AGRICULTURAL,  
AND ENVIRONMENTAL SCIENCES

Ohio Maple Days is a statewide program sponsored by the Ohio Maple Program, Dr. Gary Graham and OSU Extension and Ohio Agricultural Research and Development Center.

**DETAILS:**

-  8:00 Registration Table and Trade Show
-  8:30 Welcome, Introductions, OSU Extension & OMPA Reports
-  9:00 **FSMA Update**  
*Mr. Dan Milo*
-  9:30 **RO Impact On Maple Flavor**  
*Dr. Abby van den Burg*
-  10:45 **Tubing Research Update**  
*Mr. Steve Childs*
-  12:00 Lunch & Trade Show
-  1:00 **Keys to High Yield**  
*Dr. Abby van den Burg*
-  2:00 **Maple Value Added Project**  
*Mr. Steve Childs*
-  3:30 **Maple Nuggets**  
*Dr. Gary Graham*
-  3:30 **Speaker Panel**  
*Abby, Steve, Dan, Gary*
-  4:00 Trade Show Closes

**DATES/LOCATIONS:**

**Thursday, January 23** - Morrow County  
Lutheran Memorial Camp  
2790 State Route 61  
Fulton, Ohio 43321

**Friday, January 24** - Wayne/Holmes County  
Mennonite Christian Assembly Church  
10664 Fryburg Road  
Fredericksburg, Ohio 44627

**Saturday, January 25** - Geauga County  
Huntsburg Community Center  
12396 Madison Road  
Middlefield, Ohio 44062

**These workshops will happen on the scheduled dates/times NO matter the weather conditions. Plan accordingly for your safe travels.**

**To: All Interested Maple Producers & Enthusiasts**

It's time once again to make plans and you are cordially invited to participate in the Winter 2020 Ohio Maple Days Workshops in Morrow County Thursday January 23, or Holmes County Friday January 24, or Geauga County Saturday January 25. As is our custom, the same program will be offered at all three locations.

**Pre-registration is required to ensure enough materials are made for the meetings**

**Topics To Be Covered:**

**FSMA Implementation Update:** The Food and Drug Administration (FDA) is implementing more portions of the Food Safety Modernization Act (FSMA) law. Producers will hear the latest sections of FSMA to be implemented in 2020 and the latest on Registration requirements.

**Research on Reverse Osmosis (RO) and Syrup Flavor and Quality:** A summary of research conducted by Proctor Maple Research Center on the effects of standard and high brix sap on the composition, properties, and flavor of the syrup produced.

**Keys to High Yield Maple Production:** A summary of recent and ongoing research conducted by Proctor Maple Research Center to assess the sustainability and yields of various current tapping and sap collection practices and investigate the potential impacts of tapping on tree growth and health.

**Cornell Research Update:** A summary of recent work on tubing cleaning, tap hole sanitation, 3/16" tubing, re-tap experiments, filtering sap, syrup flavors and sap oxygen levels, maple regeneration and deer management.

**Maple Value Added Project:** A summary of improved efficiency in making maple sugar shapes (candy), making smooth maple cream, projects with maple cotton candy, maple soft drinks, maple sports goo, and making sure syrup is right for the products you are making.

**Maple Nuggets:** Every year there are lots of important updates and news to share with maple producers. Covered will be any questions submitted with the registration forms not for the other speakers.

**\*\*\*\* To Help Us Prepare \*\*\*\*** we are asking that you pre submit your questions/concerns/ comments regarding any of the topics to be presented at the meetings (see back of registration form). The meeting forum will allow for questions from the floor and a speaker panel at the end of the day for more questions.

***FREE Testing of Hydrometers & Refractometers:***

**2020 will be the LAST OFFERING of this service:**

Hydrometers & refractometers are vital in every sugaring operation, so be sure they remain accurate. The papers can shift and read off, which could result in improper finishing density. Too low of density and syrup could mold or ferment. If finished with too high of density, the syrup will crystallize. **Bring your hydrometers with you to the meetings for testing; that way you will know going into the 2020 season that your instrument is reading properly.**

Sincerely, Dr. Gary W. Graham, Ohio State University Extension Specialist, Natural Resources

**Registration Form**

**Please return before January 17<sup>th</sup>**

**\*Please checkmark the meeting attending\***

**Morrow County Meeting**

**Thursday, January 23, 2020** - 8:00 AM - 4:00 PM  
Lutheran Memorial Camp  
2790 State Route 61, Fulton, Ohio 43321

**Wayne/Holmes County Meeting**

**Friday, January 24, 2020** - 8:00 AM - 4:00 PM  
Mennonite Christian Assembly Church  
10664 Fryburg Road, Fredericksburg Ohio 44627

**Geauga County Meeting**

**Saturday, January 25, 2020** - 8:00 AM - 4:00 PM  
Huntsburg Community Center  
12396 Madison Road  
Middlefield, Ohio 44062

***Pre-registration is required***

**(Please list all who are attending)**

- Name (s) 1. \_\_\_\_\_
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3. \_\_\_\_\_
4. \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Zip \_\_\_\_\_

Telephone \_\_\_\_\_

Number Attending: \_\_\_\_\_ X \$40 = \$ \_\_\_\_\_

**Pay at the door fee \$45** \_\_\_\_\_

Please make checks payable to: **OSU Extension**

**Registration Payment Deadline is January 11<sup>th</sup>**

**MAIL REGISTRATION TO:**

**OSU Extension Holmes Co.  
75 East Clinton Street, Suite 109,  
Millersburg, OH 44654**

**- NO REFUNDS AFTER JANUARY 11<sup>th</sup> -**

**Contact: Ashley Gerber—330-674-3015**