

NORTH AMERICAN RASPBERRY & BLACKBERRY CONFERENCE

February 21-24, 2022

In-Person in Gaithersburg, Maryland – Virtual from wherever you are

Details & registration at www.raspberryblackberry.com/2022-north-american-raspberry-blackberry-conference/

COVID-19 PRECAUTIONS

NARBA is taking special precautions for this conference. Please see the policies on the next page and the Acknowledgement of COVID-19 Risk and Release of Liability. Our Changes/Refunds/Cancellations policies allow in-person registrants unable to attend in-person because of Covid-19 illness or exposure to switch to virtual at any time.

A HYBRID CONFERENCE

It's a challenge, but here's our plan:

- The in-person general sessions and most breakout sessions will be live-streamed for virtual registrants. Virtual registrants will have the ability to participate in live Q&A.
- These sessions will also be recorded for later on-demand viewing by *all* registrants for six months.
- Some virtual programming is scheduled concurrent to the tour (and possibly other times). These sessions will also be recorded and accessible on-demand later by *all* registrants.
- Some speakers in the in-person conference will be virtual; most of these will participate virtually in the live Q&A.

NARBA used the Whova app for our 2021 virtual conference platform and registration and will do so again in 2022



for *both* the in-person and virtual conference; in fact, Whova was originally created for in-person events. Whova allows easy access to schedule, speakers, and exhibitors, provides links to recorded content, facilitates networking and announcements, and even offers contests. It works on both smartphone and computer.

Early-bird registration discount through January 20 – Group rate hotel block through January 28

FOR NOVICE GROWERS

Virtual Short Course, January 31- February 21 “Getting Started in Raspberry & Blackberries” Organized by some of the leading caneberry educators from around the country, this course meets Mondays and Wednesdays 7:00 - 9:00 pm Eastern Time. Sessions are recorded for those who miss the scheduled time. *See the conference website for details and schedule.*

In-Person Workshop, February 21, 1:00 - 5:00 pm. “Fundamentals of Caneberry Production” For novice growers, potential growers, and anyone who needs a refresher on the basics. The workshop covers topics that will allow you to successfully establish and maintain plantings, including site and variety selection, fertilization and pruning, diagnosis and management of pest problems, and marketing. Participants will receive a USB-drive of resources. *Led by Marvin Pritts, Cornell and Kathy Demchak, Penn State, with others. Limited registration.*

OPENING RECEPTION

6:30 pm at the DoubleTree Gaithersburg The reception will include a talk on Farmland Preservation in Montgomery County, where our conference is located; it has been a leader in farmland preservation since the 1960s. *Registrants are welcome to bring non-registered family members to the reception. There will be a separate virtual reception as well.*

CONFERENCE TOUR

Tuesday, Feb. 22, 8:30 am – 5:30 pm. *Tour registration is limited and on a first-come basis.* Stops include:

Butlers Orchard - a multi-generation, consumer-focused farm, raising berries, pumpkins, and other crops, with a fine farm market. Ben Butler serves on NARBA's board.

Larriland Farms - A family-run pick-your-own farming operation since 1973. They raise caneberries, small and tree

fruit, pumpkins and other crops and offer agritainment activities and a farm market.

Doc Waters Cidery - Unwind, imbibe, and network at the end of the tour at this cidery owned and operated by members of the Butler family.

FEB. 23-24: EDUCATIONAL SESSIONS, TRADE SHOW, AND POSTER DISPLAY

See the detailed schedule on page 24. Some sessions are not listed and still being confirmed. The NARBA annual meeting will be held during lunch on Feb. 23 and is open to all.

Poster submissions are welcome – including informal posters prepared by growers. See the conference home page.

NETWORKING & SHARING

The conference offers numerous opportunities for interaction, whether virtual or in-person. Three of particular note:

Grower Innovations session: Growers are creative thinkers! Let us share your innovations in equipment, harvesting, trellising, etc. in a breakout session on Feb. 24. Please contact Karen Blaedow, karen_blaedow@ncsu.edu

Small group discussions: Propose a discussion or roundtable at the conference. We will find you a room and put it in the schedule. Contact NARBA at info@raspberryblackberry.com. *The Whova app also facilitates discussion boards and impromptu meet-ups.*

Hospitality Room: Our popular Hospitality Room will be open the evenings of Feb. 22 and 23, and may be extended to Feb. 24. Bring food or beverage from your farm or region to share!

Young Growers Gathering: Convene at the hotel Wednesday evening and move to a nearby restaurant for dinner. Young researchers, extension, etc. are also invited.

ACCOMMODATIONS

Our host hotel is the **DoubleTree by Hilton Washington DC North/Gaithersburg**. Our special conference rate is \$99/night plus tax. Additional nights on either side of the conference may be reserved at the same rate. Parking is free. There is complimentary wireless internet in sleeping rooms, meeting rooms, and public areas.

To make reservations: Call 301-977-8900 and mention "NARBA Conference" or "Raspberry & Blackberry Conference" or access the link for online reservations from the conference web page. **The cut-off date for group-rate reservations is January 28.**

TRAVEL

The hotel is just off Interstate 270, between Frederick, MD and Washington, DC. Address: 620 Perry Pkwy, Gaithersburg, MD 20877.

There are three major airports in the Washington, DC area:

- Washington National Airport (DCA): 28 miles

- Washington Dulles International Airport (IAD): 33 miles
- Baltimore/Washington International (BWI): 47 miles

The hotel does not offer an airport shuttle.

THE LOCAL AREA

Gaithersburg is not far from Washington, DC, where you can find the National Museum of Art, the Smithsonian museums (all free!), and a host of important national institutions, national monuments and historic sites, and more. Close-by Bethesda has become a major restaurant destination. See <https://visitmontgomery.com/>

POST-CONFERENCE OPTIONS

Visits to Congress: This conference will include a special focus on ag policy and legislation. NARBA will provide information and facilitate travel for attendees who wish to visit their Congressional offices after the conference.

Montgomery County Tastemaker

Trail Tour: This tour will visit a winery, brewery, and farm-to-table restaurant Thursday afternoon Feb. 24. Indicate

at registration if you are interested. We will finalize the tour and its cost if there is sufficient interest. *Limited to 10-24 participants.*

SCHOLARSHIP PROGRAM

NARBA and our North American Bramble Growers Research Foundation are offering travel scholarships of up to \$1000 plus registration for graduate students to attend the conference and present a poster. If funds allow, additional student scholarships for virtual registration will be awarded. See the conference webpage for details. Applications are due by January 15, 2022.

SPONSORS & SPEAKERS

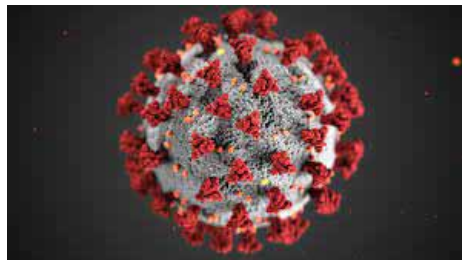
Visit the conference web pages for up-to-date lists of sponsors and speakers. Sponsor and exhibitor inquiries are welcome. Please contact NARBA at info@raspberryblackberry.com or 919-542-4037.

Early-bird registration discount through January 20 – Group rate hotel block through January 28

NARBA COVID -19 & Seasonal Flu Policies for the In-Person Conference

For our February 2022 North American Raspberry & Blackberry Conference NARBA will take appropriate COVID-19 and seasonal flu precautions. Specifically:

1. We will follow local Montgomery County Department of Health requirements on wearing masks that are in effect at the time of our conference.
2. The federal Center for Disease Control (CDC) recommends that everyone 5 years and older get a COVID-19 vaccination to help protect against COVID-19. The CDC also recommends COVID booster vaccination for all adults 18 years old and older. The CDC states that widespread vaccination is a critical tool to help stop the pandemic.
3. For the seasonal flu, the CDC recommends an annual flu vaccination for everyone 6 months and older, with few exceptions.
4. NARBA supports the CDC recommendations and requests that all in-person conference attendees follow the CDC recommendations for both COVID-19 and seasonal flu vaccination.



More information is available from the CDC at www.cdc.gov.

5. All in-person attendees will be required to complete our Acknowledgment of COVID-19 Risk and Release of Liability when they register for the NARBA 2022 North American Raspberry & Blackberry Conference. (See page 24)
6. One week prior to our conference, we will send an email to everyone who has registered and post to the NARBA website and appropriate conference pages the following text.

We ask that you remain home if:

- You have tested positive for COVID-19 within the last 14 days.

- You are experiencing any symptoms associated with COVID-19, such as fever or chills, fatigue, body aches, headache, sore throat, cough, loss of smell/taste, shortness of breath, etc.
- You have been exposed to a person with confirmed COVID-19 within the last 14 days or are waiting for results from a COVID test.

If you cannot attend for health reasons, you may switch to the virtual conference and receive a partial refund (please see our cancellation policies). Please reach out to NARBA organizers with questions or for support at info@raspberryblackberry.com or 919-542-4037 (until Feb 19) or 919-545-6746 (after Feb 19).

7. If the Montgomery County, MD and or the CDC have changed their requirements or guidance then we will also include that language and update our website, the conference app and anywhere else that it may be needed.❖

CONFERENCE SCHEDULE OVERVIEW

This is a HYBRID CONFERENCE. Most in-person sessions will be live streamed, with Q&A available for virtual participants as well. Some presenters in the in-person conference will present virtually. All Virtual Program and most In-Person sessions will be recorded and available for on-demand viewing to all registrants for 6 months after the conference. Many titles shown below are shortened. Times are shown in Eastern Time. Program is subject to change.

Monday, February 21		
2:00 - 7:00 pm REGISTRATION at the DoubleTree by Hilton, Gaithersburg		
1:00 - 5:00 pm WORKSHOP: Fundamentals of Caneberry Production The virtual Short Course starts January 31 & ends February 21.		
5:00 - 6:00 pm VIRTUAL OPENING RECEPTION		
6:30 pm OPENING RECEPTION Speaker: Jeremy Criss "Farmland Preservation in Montgomery County, MD"		
Tuesday, February 22		
8:30 - 5:30 pm FARM TOUR By chartered coach. Visits Butlers Orchard, Larriland Farms, & Doc Waters Cidery. Other stops TBD. 8:00 - 11:00 pm HOSPITALITY ROOM at the Doubletree	10:30 am - 4:50 pm VIRTUAL PROGRAM (not all topics are listed here) <ul style="list-style-type: none"> • Updates on Rubus Breeding in the U.K & Poland • Caneberry Pot & Long-cane Production in Poland • European Raspberry Fresh & IQF Markets • Killing SWD Sweetly with Erythritol • Development of a Biofilm for Insect Management in Fruit Crops • Improvement of a Novel Plant-based Deterrent against SWD • Mulches and SWD • Planting Density & Primocane Management in Columbia Star: Yield & Labor Costs • Alternative fertilizers & mycorrhizae growth in red raspberry • The Berry National Clean Plant Network – How It Provides Virus Tested Berry Cultivars 5:00 pm VIRTUAL RECEPTION	
Wednesday, February 23		
7:30 - 9:00 am REGISTRATION Continental Breakfast and visit with exhibitors		
9:00 - 11:00 am GENERAL SESSION • Welcome – Jim Jedele, NARBA President • Grower Spotlight: Richard & Susan Lynn, Mt. Pleasant, PA • Caneberry Market Update – David Magaña, Rabobank Research • Blackberry Breeding Horizons: Looking Back & Looking Forward – A Retrospective by John Clark, University of Arkansas		
11:15 am - 12:15 pm BREAKOUTS		
<ul style="list-style-type: none"> • Spider Mite Issues & Solutions in Field & High-Tunnel Production • Biological Pest Management for Caneberries 	<ul style="list-style-type: none"> • Farming on the Urban Fringe: A Panel Discussion 	<ul style="list-style-type: none"> • Weed Management for Caneberries • Risk & Uncertainty of Plastic Mulch Adoption in Raspberry Production System
12:15 - 2:15 pm LUNCH and NARBA ANNUAL MEETING, AWARDS Lunch is provided for all registrants.		
2:15 - 5:30 pm BREAKOUTS		
<ul style="list-style-type: none"> • Fungicide Resistance in Raspberry Pathogens • Integrated Management of Bramble Diseases • High-tunnel Blackberries: A Grower Perspective • High-tunnel Opportunities, Problems & Solutions • Merits of Tunnels for Berries; Venting Options • Understanding Tissue Culture 	<ul style="list-style-type: none"> • On-Farm SWD Management • Potential for SWD Management with UV-C • RCA Trellis: Lessons Learned • Modifying Blackberry Cane Architecture with Plant Growth Regulators • Long-Cane Raspberry Production System for the SE • Exhibitor Showcase: New Technology & Products 	<ul style="list-style-type: none"> • Food Safety & Training: New proposed FSMA PSR water changes • Leveraging Your Consumer Audience through Social Media • Caneberry Breeding Updates from Oregon, Arkansas, New York, North Carolina, & Washington • Review of Recent Variety Releases
5:30 - 6:30 pm POSTER SESSION and RECEPTION 6:30 pm Young Growers Gathering (dinner at nearby restaurant)		
8:00 - 11:00 pm HOSPITALITY ROOM open		
Thursday, February 24		
7:30 - 8:30 am REGISTRATION Continental Breakfast, visit with Exhibitors		
8:30 - 10:00 am GENERAL SESSION • Growing Caneberries in Maryland: What we do, our challenges & our opportunities – Panel of Growers • Ag Policy & You – Linda Andrews, NC Farm Bureau		
10:15 am - 12:15 pm BREAKOUTS		
<ul style="list-style-type: none"> • Congressional & Regulatory Activities Impacting Farmers • Federal Legislative Ag Labor Laws & Regulation Updates 	<ul style="list-style-type: none"> • Plant Tissue Analysis for Managing Blackberry Fertility • Sap Analysis: New insight for a deeper understanding of plant nutrition • Grower Innovations & Creative Solutions 	<ul style="list-style-type: none"> • Collecting & Using Rubus Harvest Data at AgriBerry Farm • Ins & Outs of Crop Insurance • A Public-Private Partnership to Uncover Genetic Treasures in Rubus
12:15 WRAP-UP Closing comments and thank yous.		
POST CONFERENCE OPTIONS: Visit Congress • Take the Montgomery County Tastemaker Trail Tour (tentative) • Explore on your own		



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February 21-24, 2022

In-Person in Gaithersburg, Maryland – Virtual from wherever you are

REGISTRATION FORM

Online registration at www.raspberrylblackberry.com/2022-north-american-raspberry-blackberry-conference/

Name (primary registrant)* _____

Farm/Company/Institution* _____

Additional persons on this registration* _____

Mailing address _____

City* _____ State/Province* _____ Zip/Postal code _____ Country _____

Phone #1 _____ cell hm wk Phone #2 _____ cell hm wk

Email _____ Website _____

** Will be used on in-person nametags. Please indicate if company/city/state differs from that of primary registrant for any of your registrants.*

Registration Fees <i>Fees are per person. Early-bird discount through Jan 20.</i>					
	Members	Student/ Extension	Others	# persons	\$ amount
Virtual Short Course Jan 31-Feb 21	\$75	\$75	\$125		
Virtual Conference Feb 21-24	\$50	\$50	\$100		
In-Person Workshop Feb 21	\$70	\$70	\$95		
Farm Tour Feb 22	\$95	\$95	\$95		
In-Person Conference Feb 23-24	\$150	\$150	\$200		
In-Person Conference Feb 23 only	\$115	\$115	\$115		
In-Person Conference Feb 24 only	\$85	\$85	\$85		
NARBA Membership Dues <i>(see Notes at right)</i>					
Grower: <input type="checkbox"/> \$50 New member <input type="checkbox"/> \$85 Renewing <input type="checkbox"/> \$50 Very small grower					
<input type="checkbox"/> Research, extension, student \$40					
<input type="checkbox"/> \$150 Industry (suppliers, processors, marketers, etc) or Affiliate organization					
Grower acreage charge _____ acres planted in caneberries x \$5.00 <i>Maximum charge is \$100</i>					
Donation to North American Bramble Growers Research Foundation					
Early-Bird Discount for registration by January 20 \$10/person					-
TOTAL DUE					

REGISTRATION NOTES

Opening Reception Feb. 21 is open to all in-person attendees who can come. You may bring non-registering spouses or family to this reception. Please let us know in advance that they will attend.

Workshop and Tour are limited registration and on a first-registered basis.

Covid-19 Waiver: A signed Acknowledgement of COVID-19 Risk and Release of Liability is required for each in-person attendee. (See next page)

NARBA Dues: Those joining NARBA with registration can use member rates. Membership is per family, farm, or company (at one address); extension/student is per person. 25% of dues is passed on directly to the NABG Research Foundation.

Children: Contact NARBA for fees.

Changes/Refunds/Cancellations: You may switch between virtual and in-person (with payment adjustment) through Feb. 16. **In-person registrants unable to attend in person because of Covid-19 illness or exposure may switch to virtual at any time.** Cancellations: Full refund minus a \$25 processing fee for refunds requested by Feb. 16. After Feb. 16, partial refunds on cancellations are available on request.

Walk-in registrations will be accepted but meals are not guaranteed.

I am interested in visiting Congress the post-conference Tastemaker Tour
Special dietary/accessibility needs? Grower innovation to share? Offering to host a small-group discussion? Questions? Use this space or contact NARBA.

Payment Check (make out to "NARBA" – U.S. Funds only) Credit/debit card

Card # _____

Expiration date _____ CV code _____ Billing Zip code _____

Send Registrations to: NARBA, 197 Spring Creek Rd., Pittsboro, NC 27312

Email: info@raspberrylblackberry.com Fax: 866-511-6660

Questions or Last-minute registrations? info@raspberrylblackberry.com, 919-542-4037

IN-PERSON REGISTRANTS: If you are registering by paper form, please send a signed waiver for each person you are registering. On-line registrants will fill out the waiver on line. Please keep a copy of the signed document for your records.

**2022 North American Raspberry & Blackberry Conference
Acknowledgement of COVID-19 Risk and Release of Liability**

For the 2022 North American Raspberry & Blackberry Conference NARBA is taking enhanced health and safety measures – for you and other attendees – which meet or exceed local health and safety guidelines. We have implemented the following protocols:

- Information on our approach to COVID-19 for this conference and reminders on not attending in person if COVID-19 exposure has occurred within two weeks of the conference were provided at registration and will be provided again by email a week prior to the conference.
- All NARBA conference attendees are required to follow local Montgomery County, MD Department of Health requirements regarding wearing face masks indoors that are in effect at the time of the conference.

- Generous spacing will be provided between attendees throughout the meeting space as much as possible.
 - Our conference hotel will follow local and CDC guidance on sanitation of public areas and high-touch surfaces, and will provide hand sanitizing stations in all conference areas.
 - All attendees are required to sign the acknowledgement of COVID-19 risk and release of liability that both acknowledges the risks and reminds them of their personal responsibilities.
- If local and/or federal health regulations change, we will update our protocols to reflect those changes. We will work with local health officials and hotel staff to ensure that we are creating and promoting a safe environment where you feel comfortable and can focus on maximizing your experience at our conference.

Acknowledgement of COVID-19 Risk and Release of Liability

An inherent risk of exposure to COVID-19 exists in any public place where people are present. By attending this NARBA Conference, February 21-25, 2022 in Gaithersburg, MD, I voluntarily assume all risks related to exposure to COVID-19 and hereby release the event organizers, and its directors, employees, licensees, consultants, independent contractors, sponsors, hotel venue, and other participants from any and all liability from property damage, personal injury, or other claims arising from or in connection with my participation in the NARBA 2022 conference, including claims known and unknown, foreseen and unforeseen, future or contingent.

Signature

Printed Name

Date

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Signature

Printed Name

Date