

2021 Kentucky Fruit & Vegetable Virtual Conference

Kentucky State Horticultural Society
165th Annual Meeting

Kentucky Vegetable Growers Association
50th Annual Meeting

Organic Association of Kentucky

Kentucky Wineries Association

and

Kentucky Horticulture Council

In cooperation with

University of Kentucky College of Agriculture

Food and Environment,

Kentucky State University College of Agriculture,

Communities and the Environment

and

Kentucky Department of Agriculture

January 2021





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CONFERENCE OVERVIEW

All Times are Eastern Standard Time

Tuesday, January 5

General Session

9:00 am — 10:00 am Educational Sessions
10:00 am Break
10:20 am — 12:00 pm Educational Sessions
12:00 pm Lunch

Protected Agriculture Production Technologies

1:00 pm — 2:00 pm Educational Sessions
2:00 pm Break
2:20 pm — 3:00 pm Educational Sessions

Tuesday, January 19

Fruit Production for Experienced Growers

9:00 am — 10:00 am Educational Sessions
10:00 am Break
10:20 am — 12:00 pm Educational Sessions
12:00 pm Lunch

Business Management

1:00 pm — 2:00 pm Educational Sessions
2:00 pm Break
2:20 pm — 3:00 pm Educational Sessions

Tuesday, January 12

Organic Production

9:00 am — 10:00 am Educational Sessions
10:00 am Break
10:20 am — 12:00 pm Educational Sessions
12:00 pm Lunch

Vegetable Production for New Growers

1:00 pm — 2:00 pm Educational Sessions
2:00 pm Break
2:20 pm — 3:00 pm Educational Sessions

Tuesday, January 26

Vegetable Production for Experienced Growers

9:00 am — 10:00 am Educational Sessions
10:00 am Break
10:20 am — 12:00 pm Educational Sessions
12:00 pm Lunch

Fruit Production for New Growers

1:00 pm — 2:00 pm Educational Sessions
2:00 pm Break
2:20 pm — 3:00 pm Educational Sessions

*A Zoom link will be emailed to participants approximately 24 hours before the sessions start.

**Attendees participating in ‘watch parties’ at local Extension offices must also notify their local office with their plans to attend and contact information in case a session has to be cancelled for any reason.

Dear Fruit and Vegetable Growers:

The 2021 Kentucky Fruit and Vegetable Conference will be held virtually this year on the four Tuesdays in January.

The conference will begin on Tuesday, January 5 with a short *General Session* followed by *Protected Agriculture Production Technologies* talks. On the following Tuesdays, the conference will feature sessions on *Organic Production*, *Vegetable Production for New Growers*, *Fruit Production for Experienced Growers*, *Business Management*, *Vegetable Production for Experienced Growers*, and *Fruit Production for New Growers*. A virtual Farmers Market Short Course is also planned for Sunday, January 24.

Our virtual conference will be conducted using the Zoom platform. Registered participants will be emailed an invitation that contains a link to be used to join the Conference from the location of their choice.

Growers who do not have computer access may contact their local County Extension Office, as many locations are partnering with us to offer on-site viewing of the sessions. See the listing of confirmed locations in this program, which will be updated on the conference [website](https://kyhortcouncil.org/2021-ky-fruit-vegetable-conference/) (<https://kyhortcouncil.org/2021-ky-fruit-vegetable-conference/>) as additional locations are confirmed or call your local office to ask about availability.

We again have a number of Kentucky growers and excellent out-of-state speakers on the program this year which include: David Doud, Midwest Apple Improvement Association Board Chairperson, David Doud's Countryline Orchard, Wabash, IN; Dr. Dave Lockwood, Extension Fruit Specialist, University of Tennessee, Knoxville, TN; and Dr. Annette Wszelaki, Professor of Horticulture, University of Tennessee, Knoxville, TN.

You may pre-register online using [this Eventbrite link](#) or mail in the registration sheet at the end of the program.

PRE-REGISTRATION FORMS NEED TO BE IN OUR HANDS BY FRIDAY, DECEMBER 18, 2020.

After this date, you may continue to register online up until the final session on Tuesday, January 26.

The \$25 meeting registration fee includes a year's membership in the KVGA, KSHS, or OAK as well as access to the online recorded sessions after the Conference.

If you would like to serve on the KVGA or KSHS Boards of Directors or would like to nominate another member, please designate this during registration.

If circumstances are such that you cannot attend the virtual sessions and you would like to continue your association membership in KVGA, KSHS, or OAK, please complete and return the registration form with a check to Kentucky Horticulture Council, P.O. Box 21736, Lexington, KY 40522-1736 or pay with a credit card online (<https://kyhortcouncil.org/shopkhc/>).

Our Conference will continue to be the premier event in Kentucky for produce growers to interact and learn. While the format will be different in 2021, our organizations, our planning committee, and the meeting sponsors are working together to bring you an excellent educational program that covers both general interest and specialized production topics.

Sincerely,

Joel Wilson

President

KY Vegetable Growers Association

Jonathan Price

President

KY State Horticultural Society

BOARDS OF DIRECTORS MEETINGS

MONDAY, JANUARY 4

1:00 pm Kentucky State Horticultural Society (KSHS)
Kentucky Vegetable Growers Association (KVGA)
Boards of Directors Meetings

4:00 pm Kentucky Wineries Association (KWA)

**An agenda and Zoom link will be emailed to all current board members in mid-December.*



Are you interested in serving on the board of one of Kentucky's prestigious produce organizations?

You can indicate your interest at registration or contact the organization's current president with any questions:

Kentucky State Horticultural Society

Jonathan Price
(jonathanprice018@gmail.com)

Kentucky Vegetable Growers Association

Joel Wilson
(cedarpointfarm@aol.com)

Why join the board of directors of KSHS or KVGA?

- Support your industry
- Expand your network
- Develop knowledge and skills to advance your business
- Influence policy decisions

Being a board member is an important responsibility and can have a tremendous positive impact on your personal business!

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IN-PERSON WATCH PARTIES

TUESDAY: JANUARY 5, 12, 19 & 26

The Conference planning committee recognizes that a virtual meeting option may not work for all Kentucky growers. For those who do not have computer access, we are partnering with local County Extension Offices to offer on-site viewing of all educational sessions. The current listing of tentative and confirmed offices is below and will be updated on the conference [website](#). You can also check availability by calling your local Extension office. Since several offices do not have large meeting rooms or have other policy restrictions in place, many Agents are working with nearby counties to ensure local viewing options are available.

Adair	Christian	Hardin	Lawrence	Mercer	Union
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Breathitt	Estill	Hopkins	Magoffin	Pulaski	
Bullitt	Fleming	Jefferson	Marion	Robertson	
Carroll	Floyd	Johnson	Mason	Russell	<i>*Scheduling conflict</i>
Carter	Franklin	LaRue	McCreary	Scott	<i>for at least one</i>
Casey	Grant	*Laurel	Menifee	Taylor	<i>Conference date.</i>

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GENERAL SESSION

TUESDAY, JANUARY 5

- 8:55 am Welcome — Joel Wilson, KVGA President 10:40 AppHarvest: Growing Appalachia's AgTech Landscape — Dave Nichols
- 9:00 Grower Profile: the Pandemic Pivot
In this session we will hear from one of our local growers about the operational changes they made to respond to customer demand and market dynamics during the COVID-19 pandemic. At AppHarvest, we're working to build a more resilient American food system, and we recently opened our 2.76-million-square-foot controlled environment agriculture facility in Morehead. COVID-19 hasn't changed our plans; in fact, it's emboldened us given issues that the pandemic has exposed in America's food supply chain. Along with 16 other organizations, including the Dutch and Kentucky governments, we've committed to building America's AgTech capital from within Eastern Kentucky.
- 9:20 Using Enterprise Budgets to Frame Your Seasonal Plan — Brett Wolff
UK Center for Crop Diversification has enterprise budgets for large- and small-scale specialty crop producers. This session gives an overview of how to use the budgets to make a plan for your 2021 production and marketing season. 11:00 Protected Agriculture: how data-driven farming can support a growing world — Shubin Saha
Dr. Shubin Saha will discuss how various technologies including software development and production tools are being used for year round local vegetables.
- 9:40 Expanding Your Local Food Markets — Olivia Vogel
Do you want to enter new markets or increase sales of your local food beyond direct to the consumer? The Kentucky Local Food System Expansion Initiative has resources available to help Kentucky local food producers develop sales connections and buying relationships leading to documented increases in sales for producers. 11:20 Overview of Grape & Wine Industry in Kentucky — Patsy Wilson
Since the mid-1990s, Kentucky's grape and wine industry has seen rapid growth and expansion. In this session, learn more about the current industry status, areas of growth potential, and the three categories of grapes grown commercially in Kentucky.
- 10:00 Break
- 10:20 Three Ways Maps Can Help Your Farm — Joshua Knight
Every farm is different for a variety of reasons, but especially because no two farms are in the same place. Maps like those found at the UK Center for Crop Diversification website, the USGS Web Soil Survey, and even Google maps can help you make production and market decisions or even promote your products and services. In this session, you will receive an overview of these map services. 11:40 Food Safety Modernization Act Produce Safety Rule (FSMA PSR) Updates — Mark Reed and Paul Vijayakumar
This session will provide attendees with an update of FDA's Produce Safety Rule requirements for Kentucky growers. Topics to be discussed include an overview of the regulatory requirements of KDA's new Produce Safety statute and regulation, the virtual PSA Grower Training Course provided to growers in partnership between the University of Kentucky and the Kentucky Department of Agriculture, inspection updates, and important compliance dates for water quality requirements and Very Small Farms.
- 12:00 Lunch Break

PROTECTED AGRICULTURE PRODUCTION

TUESDAY, JANUARY 5

1:00 pm The Ins and Outs of Row Cover Use — Rachel Rudolph

Extension Vegetable Specialist, Rachel Rudolph, will go over the basics of row cover use, including fabric density, light penetration, temperature, implementation, and what to keep in mind throughout the season.

1:20 Choosing the Correct Winter Production and Protection Technologies for Growing Produce — Nathan Howell

Nathan Howell, co-owner of Need More Acres Farm, will discuss how he chooses the appropriate style of greenhouses, tunnels, low tunnels, row covers, and other forms of protection. Field production during winter months without covering will also be discussed. Nathan will go over varieties of vegetables that have worked well for him during the winter months.

1:40 Nutritional Monitoring of Vegetable Transplants — Garrett Owen

Three fundamentals for growing vegetable transplants are fertilizer, substrate, and water. In-house nutrient monitoring provides you with key pH and EC values needed for successful transplant production. This session will provide an overview of pH and EC nutritional disorders, demonstrate in-house pH and EC sampling methods for transplants, present the free PourThru monitoring app and grower resources, which enable you to monitor and plot nutritional trends over time.

2:00 Break

2:20 Grafted Tomato Plants: Are They a Good Option for Your Farm? — Rachel Rudolph

Extension Vegetable Specialist, Rachel Rudolph, will discuss the process of grafting (what is it, how is it done) as well as the advantages of grafting and the considerations growers should make before deciding to adopt this practice.

2:40 Grower Perspective on Grafted Tomatoes — Paul Dengel and Cortney Moses

Paul and Cortney make up the grower team at Good Thymes Farm. They will discuss their first year experience with grafting tomato plants and utilizing them in high tunnel production. They will discuss their process, what they learned, and why and how they decided to utilize grafted plants on their farm.

3:00 Wrap-up



e-GRO (Electronic Grower Resources Online) is a collaborative effort of floriculture specialists to create a new clearing house for alerts about disease, insect, environmental, physiological and nutritional disorders being observed in commercial greenhouses. Subscribe for digital alerts and blog posts at <http://e-gro.org/>



VIRTUAL WINE & CIDER TASTING

TUESDAY, JANUARY 5

6:00 pm Virtual Wine and Cider Tasting — Patsy Wilson and Jeff Wheeler

Join Patsy Wilson, Jeff Wheeler, and other experts from Kentucky's grape and wine industry to learn about Kentucky's iconic products. Buy your own bottle of a Kentucky wine or cider product or just listen in with any beverage of your choice from the comfort of your own home as experts talk about and answer your questions on tasting notes, the wine and cider making processes, favorite pairings, and more!

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ORGANIC PRODUCTION

TUESDAY, JANUARY 12

- 9:00 am **If You Plant It Will They Come? — Jonathan Larson**
In this session, we will discuss how growers can implement pollinator and natural enemy attraction strips. What trials and tribulations should you expect and what sorts of natural enemies or pollinators may appear?
- 9:20 **Organic Strawberries: Propagation to Market — Bryce Baumann**
Strawberries have a reputation for being difficult to grow commercially, especially with organic practices. Bryce from Lazy Eight Stock Farm draws on 15 years of experience and shares all the details on how and why he grows his own certified organic strawberry transplants from tips. Details on bed preparation, soil fertility, cultivars, planting, pest and disease management and markets will also be discussed.
- 9:40 **How to Ace your Organic Application and Inspection — Ryan Burnette**
Interested to know what it takes to get certified and how to get started? Hear from Ryan Burnette, Organic Certification Program at KDA and learn about best practices for record-keeping, common pitfalls with inputs, how to prepare for the annual inspection, and more behind the scene tips to ensure you have a successful application and inspection.
- 10:00 **Break**
- 10:20 **Rotations, Rest and Livestock Integration to Build Soil Fertility — John Bell**
Improve soil health with crop rotations, cover crops and grazing to see increases in soil organic matter, improved soil structure, increased rate of water absorption and availability of slow release fertility sources for future crops. John Bell of Elmwood Stock Farm shares data collected during the 8 and 5 year rotations they use to reduce inputs and increase soil fertility. Adding value and letting as little volume as possible go out the front gate are additional strategies used to manage soil health on the farm's 550 acres (40 acres vegetables, 40 acres grain plus pasture for livestock).
- 10:40 **Sustaining Soil Health in Your High Tunnel — Krista Jacobsen**
In this workshop, we will discuss best practices for keeping high tunnel soils productive, and avoiding common problems related to fertility management, pests and diseases. This session will leverage the work of a team of researchers and extension folks working in high tunnels across the eastern US and share what we are learning, and what we have yet to learn about soil health in high tunnels.
- 11:00 **Growing Asparagus: a Farmer's Perspective — Laila Alizadeh**
Growing asparagus has unique challenges: the long 3-year wait until the first significant harvest as well as increased pest, disease and weed pressure due to its status as a perennial are major considerations for farmers. Laila has grown asparagus for 8 years and shares her family's experience of turning exhausted cropland into a permaculture oasis. Hear management strategies that helped transform an asparagus field struggling with disease and pest pressure into a high-yielding healthy crop. Soil testing, mineral balancing, weed management and harvesting techniques will be discussed.
- 11:20 **Sustainable Suppression of Weeds through Ecological Use of Cover Crops — Shawn Lucas**
Cover crops are great multi-purpose tools in sustainable agroecosystems. In addition to erosion control, nutrient inputs, and soil building, cover crops can play a role in reducing weed pressure by acting as a mulch and through allelopathy. We'll discuss current research, selecting cover crops, and strategic planting and termination tips for weed suppression.
- 11:40 **Successful Cool Season Greens in the High Tunnel — Tony Silvernail**
Tony Silvernail of Beyond the Bridge Organic Farm will discuss the tools, techniques and resources he uses in high tunnels for bed prep, seeding, irrigation, soil fertility and pest management with cool season greens.
- 12:00 **Lunch Break**

VEGETABLE PRODUCTION (Beginner)

TUESDAY, JANUARY 12

1:00 pm Know Your Insecticides: They Aren't All Interchangeable — Ric Bessin

Extension Entomologist, Ric Bessin will discuss the different insecticide groups, what they target, what they don't kill, residual activity, concerns, and pollinator considerations.

1:20 Developing Vegetable Disease Management Strategies Based on Fungicide Modes of Action — Erica Fealko

Understanding the mode of action and period of activity of fungicides is critical to vegetable disease management. Using spray schedule examples from ID-36, this presentation will explain the role of various fungicides in integrated programs and how to utilize these most effectively.

1:40 Optimizing Row Cover Systems for Cucurbits in Kentucky — Katie Fiske

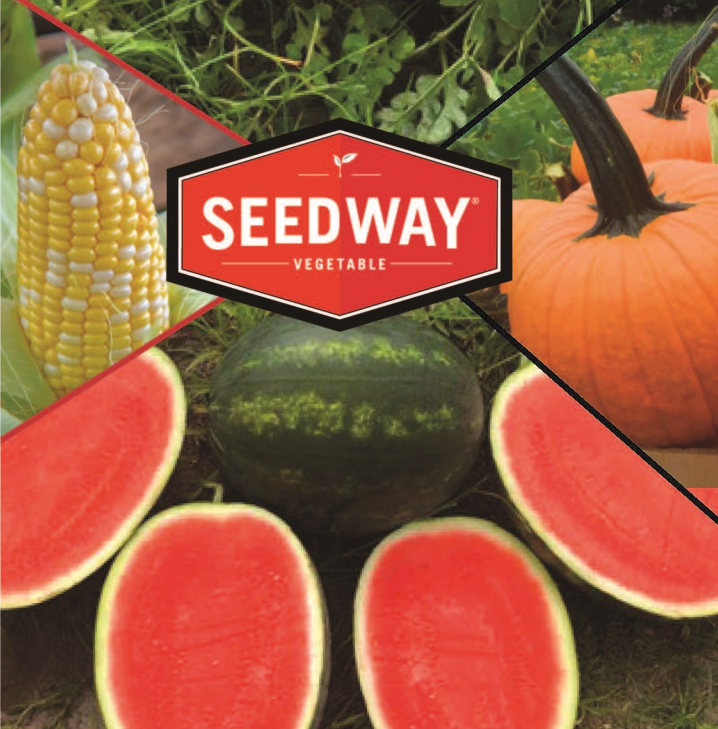
Cucumber beetles, squash bugs, and pathogens they transmit make squash and melons difficult to grow in much of the Southern United States. To combat this pest complex, some conventional and organic growers use row covers to limit these insect pests from reaching their cucurbit crops. Based on our results and the results of our multi-state USDA project (Iowa and New York), we will discuss further challenges and optimizations that can benefit growers utilizing row covers in squash and melons.

2:00 Break

2:20 Making Your Crops Last: Tips and Tricks for Cooling and Storing Produce — Annette Wszelaki

Cooling your fruits and vegetables down between harvest and market, even if only for a few hours, can go a long way to extending the shelf-life and overall quality of your produce. In this session, we will discuss best cooling and storage recommendations, and economical ways to achieve them.

3:00 Wrap up



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FRUIT PRODUCTION (Advanced)

TUESDAY, JANUARY 19

- 9:00 am Gummosis in Peach: Bacteria versus Fungal Cankers — Nicole Gauthier
- Canker diseases on peach result in the exudation of gum (sap), hence the term "gummosis." Common canker diseases are bacterial canker and Leucostoma/Cytospora (fungal) canker. Causal pathogens are very different and require different modes for management. This session will compare and contrast bacterial and fungal cankers, as well as options for management.*
- 9:20 Midwest Apple Improvement Varieties for the 21st Century — David Doud
- The Midwest Apple Improvement Association (MAIA) is a grower organization producing apple varieties available to US and Canadian growers. In this session, the 6 patented/trademarked apple varieties released by MAIA will be discussed.*
- 9:40 Honeycrisp Fertility and Unique Management Considerations — Dave Lockwood
- The Honeycrisp apple is notoriously difficult to grow. This talk will provide key nutritional and management information to improve pack-out.*
- 10:00 Break
- 10:20 Update on Intelligent Sprayer use on Apples — Dave Lockwood
- Research on the use of an intelligent sprayer is progressing at UT. The latest results are quite striking.*
- 10:40 Kentucky Apple Orchard Soil and Foliar Analyses — John Strang
- Results of a 2019 Kentucky apple orchard soil and foliar analyses survey will be presented. We will discuss corrections for common apple nutrition problems.*
- 11:00 New Herbicide and Growth Regulator Updates for Fruit Crops — Shawn Wright
- Fruit Herbicide and Growth Regulator recommendation updates made to the 2021 Midwest Fruit Pest Management Guide will be discussed.*
- 11:20 Major Changes to Fruit Pesticide Recommendations — Ric Bessin
- Significant format and table changes have been made to the 2021 Midwest Fruit Pest Management Guide. This talk will help growers use the new guide effectively.*
- 11:40 Apple Varieties for Hard Cider — Jeff Wheeler
- Apple varieties that are particularly good for making hard cider will be discussed as well as varietal combinations for producing different hard cider types.*
- 12:00 Kentucky State Horticultural Society (KSHS) Annual Business Meeting — Jonathan Price
- 12:10 Lunch Break

The Governor's Office of Agricultural Policy (GOAP) administers grants, incentives and low-interest loans to help agribusinesses innovate and grow. A few programs of particular interest to Kentucky's produce and ornamental growers include On-Farm Water Management, On-Farm Energy Efficiency Incentives, and the County Agricultural Investment Program (CAIP). For more information:

visit the Program Portal: <https://agpolicy.ky.gov/funds/Pages/program-portal.aspx>

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BUSINESS MANAGEMENT

TUESDAY, JANUARY 19

1:00 pm Managing through Crisis — Brent Lackey

Lessons for Farms and Agribusinesses Learned from COVID: KCARD staff will discuss the challenges businesses faced with the many market changes, labor management, and cash flow issues of 2020 and tools the businesses were able to use to navigate the challenges.

1:20 Using the HortBiz Quiz — Christy Cassidy

Many new growers and established growers often find it difficult to decide on a new crop to grow. The UK Center for Crop Diversification offers numerous resources on crops, but the number of options can be overwhelming. This presentation walks growers through the process of using the CCD's HortBiz Quiz to determine which new crops are best suiting their unique situation, considering access to land, labor and capital.

1:40 Is Adding Cut Flowers a Good Idea for Your Farm? — Val Schirmer

In this session, Val Schirmer — regional director of the Association of Specialty Cut Flower Growers and founder of Three Toads Farm, a long-time specialty cut flower enterprise in Clark County — will help produce growers think through whether a cut flower operation could be a good value-add to your farms, along with what to consider in making the transition.

2:00 Break

2:20 Pricing for Direct Marketers: looking forward and backward — Brett Wolff

Price data can be a powerful tool for assessing whether or not you're charging enough. With the bizarreness of 2020, what lessons can we learn as we look backward at historical price data and forward to the future of direct market pricing?

2:40

On-line Ordering Case Study: Franklin County Farmers Market — McKenzie Fox

Do you want to launch an online store for personal use or as part of a collective of growers like a farmers market? Learn from the Franklin County Farmers Market's experience in 2020 when they temporarily shifted to all online ordering due to COVID-19. This session will provide an overview of how we successfully ran an online order/curbside pick-up market, lessons learned from our experience, the online tool — Local Food Marketplace — and ways to market your online store.

3:00

Wrap-up



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FARMERS' MARKET SHORT COURSE

SUNDAY, JANUARY 24

4:00 — 6:00 pm

Calling all farmers' market leaders and farmers' market vendors!

Join us for this virtual short course on farmers' markets. This session will help you learn how to grow your market and grow your individual sales. Sessions will include updates from the Kentucky Department of Agriculture (KDA), informative sessions, and an open round table where you can ask questions and learn from others.

Organized by: Nancy Monroe, Kentucky Department of Agriculture



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VEGETABLE PRODUCTION (Advanced)

TUESDAY, JANUARY 26

9:00 am Management of the Brown Marmorated Stink Bug in Sweet Corn Using Attract and Kill Methods — Lauren Fann

Graduate research assistant, Lauren Fann, will discuss her research focused on controlling the brown marmorated stink bug in sweet corn without the application of pesticide to the crop. Using attract and kill methods, they were able to reduce stink bug presence in the field and the damage to ears of corn by about 50%.

9:20 Spring Cover Crops for the Suppression of Spring and Summer Weeds for Sweet Corn — Oliver Freeman

For producers looking to produce vegetable crops under a chemical-free or organic system, the availability of abundant herbicide options decreases drastically, and therefore other options must be made available. This study aimed to provide visual data on how well spring cover crops work on controlling spring and summer weeds in a rotation to reflect sweet corn production. The study visually assessed the impacts of non-legume cover crops on controlling weeds that could be detrimental to the production of a spring or summer cash crop.

9:40 Three Decades of Sweet Corn Production — Meghan Edwards

Edwards Dairy Farm Inc. has been successfully producing sweet corn for three decades. Meghan Edwards will discuss her family farm's approach to production, management, and agritourism over the years.

10:00 Break

10:20 Managing Manure and Compost Nutrients — Josh McGrath (40 minutes)

Manure and compost provide valuable nutrients and organic matter, supporting fertile, productive soils for crop growth. However, managing manure and compost nutrients presents challenges not seen with inorganic fertilizer, both for crop production and environmental protection. This presentation will give the 411 on managing number 2 for crop production.

11:00 Weed Management in Pumpkins — Brandon Bell

Metcalf county agriculture agent and grower, Brandon Bell, will discuss his weed management strategy for open field pumpkin production and what he has learned over the years.

11:20 Mini Pumpkin Varieties for Kentucky — Daniel Becker

A report of research on a miniature orange ribbed pumpkin variety trial held at the UKREC research farm in Princeton, KY. This session will cover yield, quality characteristics, a consumer preference survey, cucurbit downy mildew incidence, and other results.

11:40 New Pie Pumpkin Cultivars for Kentucky — Chris Smigell

Pie pumpkins are a high demand product in the autumn. This session will compare 15 cultivars for yield, quality characteristics, taste evaluations, and powdery mildew and downy mildew disease severity based on performance in central Kentucky.

12:00 Kentucky Vegetable Growers Association (KVGGA) Annual Business Meeting — Joel Wilson

12:10 Lunch Break

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 University of Kentucky
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FRUIT PRODUCTION (Beginner)

TUESDAY, JANUARY 26

1:00 pm Sanitation for Disease Management —
Nicole Gauthier

Sanitation is a disease management strategy that includes various modes of cleanliness, including pruning, roguing, and sanitizing. In orchards and fruit plantings, using sanitation can help remove infective bacterial and fungal pathogens before they infect healthy plant tissue. Growing systems and time management can complicate even the most simple approaches. This session will propose some of the most impactful sanitation practices and considerations for annual and perennial systems.

1:20 Glyphosate Use in Fruit Crops —
John Strang

Techniques for using and improving the effectiveness of glyphosate applications in fruit crops as well as human toxicity will be discussed. Participants will be familiarized with glyphosate damage symptoms.

1:40 Fall Bearing Raspberry Management for
Spotted Wing Drosophila and the African
Fig Fly — Ryan Kuesel

These problematic pests will be described and research results using mesh netting, Entrust and Pyganic will be reported.

2:00 Break

2:20 Plasticulture Strawberry Production —
Joel Wilson

This presentation will cover some of the basics of plasticulture strawberry production as well as some of the pitfalls to be aware of.

2:40 Strawberry Anthracnose Diseases and the
Fungi that Cause Them — Nicole Gauthier

Strawberry anthracnose can develop as either a fruit rot or a crown rot. Both diseases are caused by fungi belonging to the genus Colletotrichum. There are six known species within that genus that can cause anthracnose, and the interactions of those species is complex. This session will cover what we know about strawberry anthracnose in Kentucky and how we can use that information for better management.

3:00 Wrap up

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CONFERENCE SPEAKERS

Laila Alizadeh, Grower, Earthwave Farm, Shelbyville, KY

Bryce Baumann, Grower, Lazy Eight Stock Farm, Paint Lick, KY

Daniel Becker, Small Fruit and Vegetable Extension Associate, University of Kentucky Research and Education Center, Princeton, KY

Brandon Bell, Agriculture and Natural Resource Agent, Metcalfe County Cooperative Extension Service, Edmonton, KY

John Bell, Grower, Elmwood Stock Farm, Georgetown, KY

Dr. Ric Bessin, Extension Entomologist, Department of Entomology, University of Kentucky, Lexington, KY

Ryan Burnette, Kentucky Department of Agriculture Organic Program, Frankfort, KY

Christy Cassady, Extension Specialist, Center for Crop Diversification, Department of Horticulture, University of Kentucky, Lexington, KY

Paul Dengel, Grower, Good Thymes Farm, Williamsburg, KY

David Doud, Midwest Apple Improvement Association, Board Chairperson, David Doud's Countryline Orchard, Wabash, IN

Meghan Edwards, Grower, Edwards Dairy Farm Inc., Cave City, KY

Lauren Fann, Graduate Student, Department of Entomology, University of Kentucky, Lexington, KY

Erica Fealko, Graduate Student, Department of Plant Pathology, University of Kentucky, Lexington, KY

Kathleen Fiske, Graduate Student, Department of Entomology, University of Kentucky, Lexington, KY

McKenzie Fox, Special Projects Coordinator, Kentucky Horticulture Council, Lexington, KY

Dr. Oliver Freeman, Assistant Extension Professor of Agronomy and Vegetable Production, Kentucky State University, Frankfort, KY

Dr. Nicole Gauthier, Extension Plant Pathologist, Department of Plant Pathology, University of Kentucky, Lexington, KY

Nathan Howell, Grower, Need More Acres Farm, Scottsville, KY

Dr. Krista Jacobsen, Sustainable Agriculture Teaching and Research, Department of Horticulture, University of Kentucky, Lexington, KY

Josh Knight, Horticulture Senior Extension Associate, Department of Horticulture, University of Kentucky, Lexington, KY

Ryan Kuesel, Ph.D. Student, Department of Entomology, University of Kentucky, Lexington, KY

Brent Lackey, Business Specialist, Kentucky Center for Agriculture and Rural Development (KCARD), Elizabethtown, KY

Dr. Jonathan Larson, Extension Entomologist, Department of Entomology, University of Kentucky, Lexington, KY

Dr. Dave Lockwood, Extension Fruit and Nut Crops Specialist, Plant and Soil Science, University of Tennessee, Knoxville, TN

Dr. Shawn Lucas, Assistant Professor of Organic Agriculture, Kentucky State University, Frankfort, KY

Dr. Josh McGrath, Extension Soil Scientist, Department of Plant and Soil Sciences, University of Kentucky, Lexington, KY

Nancy Monroe, Ag Program Coordinator, Direct Farm Marketing Division, Kentucky Department of Agriculture, Frankfort, KY

Cortney Moses, Grower, Good Thymes Farm, Williamsburg, KY

Dave Nichols, Strategy Director, AppHarvest, Lexington, KY

Dr. Garrett Owen, Assistant Professor and Extension Greenhouse Specialist, Department of Horticulture, University of Kentucky, Lexington, KY

Jonathan Price, President, Kentucky State Horticultural Society, Grower, Jackson's Orchard, Bowling Green, KY

Mark Reed, Produce Safety Program Manager, Office of Agricultural Marketing, Kentucky Department of Agriculture-Plant Division, Frankfort, KY

Dr. Rachel Rudolph, Assistant Professor and Extension Vegetable Specialist, Department of Horticulture, University of Kentucky, Lexington, KY

Dr. Shubin Saha, Chief Operating Officer, Kentucky Fresh Harvest, Stanford, KY

Val Schirmer, Grower, Three Toads Farm, Winchester, KY

Tony Silvernail, Grower, Beyond the Bridge Organic Farm, Frankfort, KY

CONFERENCE SPEAKERS

Chris Smigell, Small Fruit and Vegetable Extension Associate, Department of Horticulture, University of Kentucky, Lexington, KY

Dr. John Strang, Emeritus Extension Fruit and Vegetable Specialist, Department of Horticulture, University of Kentucky, Lexington, KY

Dr. Paul Vijayakumar, Extension Food Science Specialist, Department of Animal and Food Sciences, University of Kentucky, Lexington, KY

Olivia Vogel, Local Food Project Coordinator, Kentucky Center for Agriculture and Rural Development (KCARD), Elizabethtown, KY

Jeff Wheeler, Extension Enology Specialist, Department of Horticulture, University of Kentucky, Lexington, KY

Joel Wilson, President, Kentucky Vegetable Growers Association and Grower, Cedar Point Farm, Nancy, KY

Patsy Wilson, Extension Viticulture Specialist, Department of Horticulture, University of Kentucky, Lexington, KY

Brett Wolff, Extension Specialist, Center for Crop Diversification and UK SARE Program, Department of Agricultural Economics, University of Kentucky, Lexington, KY

Dr. Shawn Wright, Extension Horticulture Specialist, Department of Horticulture, University of Kentucky, Robinson Center for Appalachian Resource Sustainability, Jackson, KY

Dr. Annette Wszelaki, Professor of Horticulture, Department of Plant Sciences, University of Tennessee, Knoxville, TN



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Don't let Spotted Lanternfly uncork Kentucky's wine industry!



Spotted lanternfly, or SLF, is an invasive planthopper that loves to feed on grapevines as well as several other plant species. It is currently not known to occur in Kentucky but populations are established in PA, DE, MD, NJ, VA and WV. In the fall of 2020, SLF was found in Ohio along the PA border.

If you think you have seen this insect, report it. Early detection is key!

www.UnluckyForKentucky.com

MAIL-IN REGISTRATION
2021 Kentucky Fruit and Vegetable Virtual Conference
January 5, 12, 19 & 26

Mark one:

- REGISTRATION I am not able to attend--please continue my membership(s) as listed below.

NAME (Please print) _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE: () _____ OCCUPATION/FIRM _____

FAX: () _____ E-Mail _____

Please List Name(s) of Additional Registrants: _____

Please let us know if you are a:

Grower

Extension Agent

Commercial Pesticide Applicator

Other

What are your top 3 research needs?

1. _____

2. _____

3. _____

I am interested in being considered as a board member in KSHS (fruit growers) KVGA (vegetable growers)

Registration is complimentary for university students and children under 15 years of age. A SEPARATE FORM IS REQUIRED FOR EACH REGISTRANT EXCEPT FOR SPOUSE AND CHILDREN. Please copy form if needed. You can also print forms from the Conference website (<https://kyhortcouncil.org/2021-ky-fruit-vegetable-conference/>). Registration questions, call: 659-490-0889 or email: info@kyhortcouncil.org.

2021 VIRTUAL MEETING REGISTRATION

<i>Indicate the number of registrations and total amount.</i>		Number	Total
<input type="checkbox"/>	Kentucky State Horticultural Society <i>One-year membership in KSHS (fruit growers) and meeting registration</i>		
	Number attending x \$25 each	_____	X \$25 _____
<input type="checkbox"/>	Kentucky Vegetable Growers Association <i>One-year membership in KVGA (vegetable growers) and meeting registration</i>		
	Number attending x \$25 each	_____	X \$25 _____
<input type="checkbox"/>	Organic Association of Kentucky <i>One-year membership in OAK (organic growers) and meeting registration</i>		
	Number attending x \$25 each	_____	X \$25 _____
<input type="checkbox"/>	Kentucky Horticulture Research Initiative <i>Voluntary, tax-exempt contribution to KHRI for industry research</i>		
	Write in donation	_____	_____
TOTAL AMOUNT DUE			<input type="text"/>

Payment must accompany this form. Please make checks payable to: KY VEGETABLE GROWERS ASSOCIATION (KVGA). Mail form and check to: Kentucky Horticulture Council, PO Box 21736, Lexington, KY 40522-1736.

Check # _____

***The \$25 per person registration allows virtual access to all conference meeting sessions (live and recorded). A Zoom link will be emailed to the address provided above at least 24 hours in advance of the sessions.**

IN-PERSON OPTION

Several County Extension Offices will be live streaming the virtual sessions. Do you plan to watch any sessions at a local County Extension Office? No Yes (List County _____)

Mail-in registration must be received by Friday, December 18, 2020.
 Online registration is open until the conference ends.

**Kentucky Vegetable
Growers Association**
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