



College of Agriculture,  
Food and Environment  
Cooperative Extension Service

# Kentucky Nursery LISTSERV Bulletin

University of Kentucky Nursery Crops Team

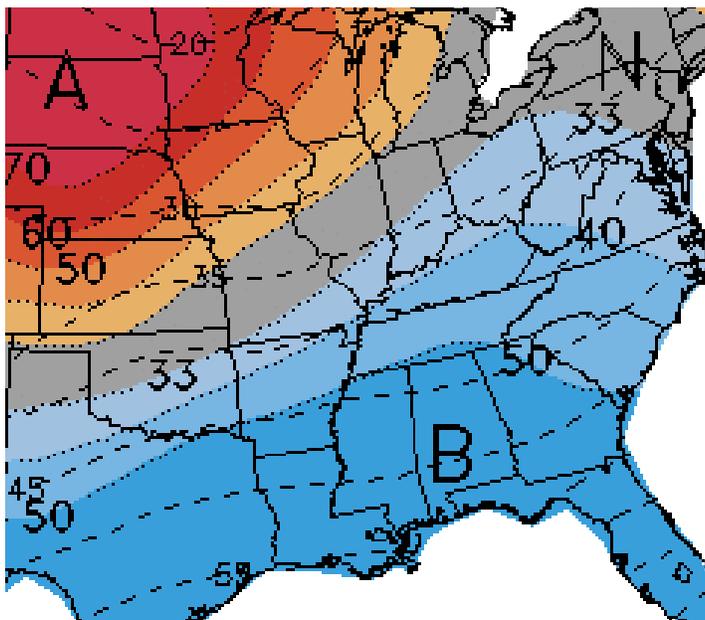
End of November 2020

## Cooler than Average Start to December, Dry Overall

Though the first week of December is predicted to be cooler than average across the Commonwealth, that system from the southeastern US is expected to yield to on providing warmer than average temperatures after the second week of the month. This trend of warmer than average temperatures is expected for December overall.

The first half of the month is likely to be drier than average, though there is some chance of above average precipitation in the central and western parts of Kentucky

See [UKAg Weather's Long Range Outlooks](#) for a variety of forecasts of temperature and precipitation probabilities.



DEC 5—9, Temperature Probability  
Image: NOAA Climate.gov, 29 NOV 2020

## Nursery Crops Extension & Research Team

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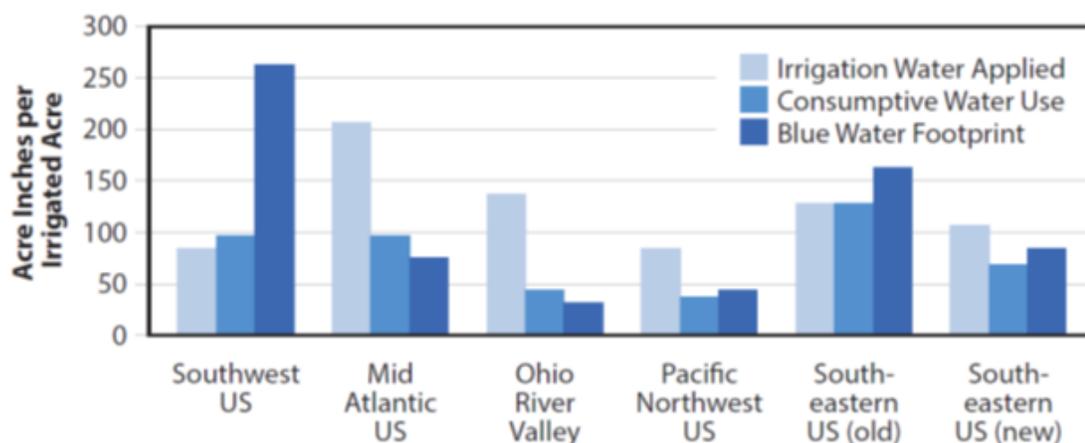
- Three New & Updated Extension Publications for Nursery and Greenhouse Growers
- KNLA Winter Education Series

# Three New & Updated Extension Publications for Nursery and Greenhouse Growers

*Joshua Knight, Senior Extension Associate, Horticulture*

A new Extension publication was developed this year from a recently completed 5-year USDA research project on the topic of reducing, recycling and remediating irrigation water, which included research into Water Footprint analysis. **HO-124: Water Use and Water Footprint in Container-grown Nursery and Greenhouse Crops** (<https://ncer.ca.uky.edu/water-management>) was written for growers to better understand the process of Water Footprint analysis, which allows for broad comparison of water use between sectors and processes. Water Footprint has become a global standard for agricultural water use as well as industrial and residential water use that may well drive policy and market decisions in the foreseeable future.

This publication shows a comparison of different production systems across a variety of geographic areas with seasonal water scarcity as well as maps of seasonal water scarcity in Kentucky. Water Footprint is a calculation of water use which takes into account environmental impact as well as both geographic and localized seasonal availability of water at the time of use. While this publication is targeted toward nursery and greenhouse growers, the basic process of Water Footprint analysis explained in the article could be applied to any agricultural production system.



Annual Water Footprint Analysis of 6 production systems with variable water availability.

As water scarcity is projected to increase in the future, we should expect further Water Footprint research and analysis in agriculture.

Two other publications were recently updated, **HO-89: Characteristics of Kentucky's Nursery and Greenhouse Industries** and **HO-108: Economic Impacts of the Kentucky Green Industry** ([https://ncer.ca.uky.edu/new\\_grower\\_resources](https://ncer.ca.uky.edu/new_grower_resources)) with new data from recent research.

While all of these publications (and more) are accessible on the **Nursery Crops Extension Research** site (<https://ncer.ca.uky.edu/>) hard copies can also be requested through your county Extension office.

# It's here, the KNLA Winter Education Series!

*Joshua Kight, Extension Associate, Nursery Crops*

This year has had its fair share of ups and downs, but hey guess what the end of 2020 is near, and nothing signifies that like the KNLA Winter Educational Series. That's right, the KNLA Board of Directors and Executive Director have worked very hard during these unusual times to organize and present a virtual education series for our industry. Don't miss out check out their website and get registered.

<https://knla.org/>



**Save the Date!**

2021 KNLA's **winter**  
**VIRTUAL EDUCATION OUTING**

CEU credits will be available  
(pending approval)

**Online Registration**  
[www.knla.org](http://www.knla.org)

... Will open November 1 for attendees, sponsors and exhibitors.

KNLA will offer a new LIVE and ON DEMAND format for the upcoming Winter Educational Outing!

**Virtual Networking with fellow Attendees and Exhibitors will be available!**

- December 10, 2020 - Best Business Practices: Landscape/Retail
- December 11, 2020 - Greenhouse/ Nursery/Landscape Container Production
- January 19-20, 2021 - Pest Management
- January 21-22, 2021 - Plants and Design
- February 18-19, 2021 - Crew Academy

For more information, please contact KNLA at [info@knla.org](mailto:info@knla.org) or 502-330-8300.

The University of Kentucky's **Nursery Crop Extension Research Team** is based out of two locations across the bluegrass to better serve our producers.

The **University of Kentucky Research and Education Center (UKREC)** in **Princeton** serves western Kentucky producers while our facilities and personnel on main campus in **Lexington** serve central and eastern Kentucky producers.

Check out our [YouTube Channel!](#)

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