

THE PURDUE LANDSCAPE REPORT

A Look Back at a Challenging 2019 Season

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The 2019 season provided challenges that were unexpected to the Green Industry, which included an abundance of rainfall followed by drought-like conditions, new invasive pests, concerns about glyphosate use, and many others. The Purdue Landscape Report focuses on timely articles that help Green Industry professionals make decisions for their business and keep abreast of looming issues. As we begin the 2020 season, we can take a look back at some of the top stories from 2019. Hopefully this season will be a little less challenging, but be sure we'll be there with relevant, timely information in 2020. Thanks for following along!

Boxwood Blight Found in Indiana

<https://www.purduelandscapereport.org/article/boxwood-blight-found-in-indiana/>



Boxwood blight by NGregory

Sudden Oak Death Found in Indiana

<https://www.purduelandscapereport.org/article/special-alert-sudden-oak-death/>



Pieris

Be on the Lookout for Defoliated Viburnums and Viburnum Leaf Beetle

<https://www.purduelandscapereport.org/article/be-on-the-lookout-for-defoliated-viburnums-and-viburnum-leaf-beetle/>



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Figure 3. Adult beetles feeding on leaves (Photo by W. Cranshaw, Colorado State University, Bugwood.org)

Terrestrial invasive species rule signed by Indiana Governor

<https://www.purduelandscapereport.org/article/terrestrial-invasive-species-rule-signed-by-indiana-governor/>



Grassy weeds in liriope can be controlled with grass-specific herbicides because liriope is not a true grass.

What nurseries need to know about the invasive species regulation

<https://www.purduelandscapereport.org/article/what-nurseries-need-to-know-about-the-invasive-species-regulation-new-publication-for-nursery-growers/>

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NURSERY INDUSTRY REGULATIONS:
What Nurseries Need to Know About the Invasive Species Regulation

By now most growers in Indiana's nursery industry are probably familiar with, or have heard mention of, the problems associated with species of plants that have become invasive. This document seeks to update the nursery and landscape industry about legislative steps the State of Indiana has taken in response to this problem. Educating clients on better selections has long been part of the job. This document provides information to help the nursery industry stay compliant with new laws that just took effect and those will take effect in 2020.

The Indiana Terrestrial Plant Rule (312 IAC 18-3-25) makes it illegal to sell, gift, barter, exchange, distribute, transport or introduce 44 species of plants in the State of Indiana. The rule goes into effect in two stages. As of April 18, 2019, it is illegal to introduce a plant species from the list of 44 if it is not already in Indiana. Listed plant species already in trade will be restricted from sale one year later (April 2020). The one-year grace period is designed to reduce the economic impact on the nursery industry by allowing time to sell down existing stock and adjust production.

From the nursery industry's perspective, the inclusion of the one-year grace period is important. It reflects lessons learned from the emerald ash borer invasion. The nursery industry suffered major economic losses from that ongoing invasion, which continues to haunt the Indiana landscape. Purdue Extension published a document for the nursery industry that lists potential replacement species that an operation can consider when reducing/eliminating a species that is considered invasive.

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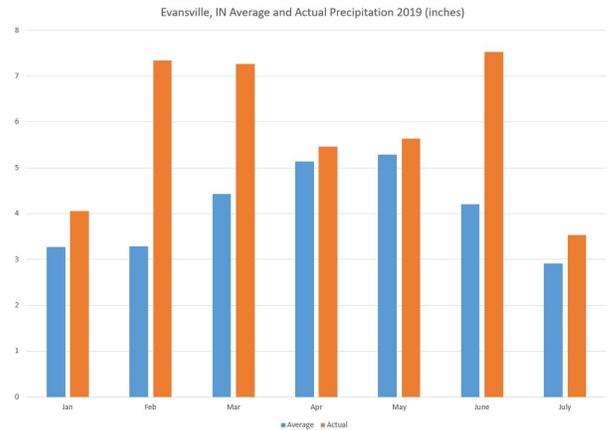
Figure 1. Click the link above the image to receive a free download of the new publication for growers: What Nurseries Need to Know About the Invasive Species Regulation.

Beyond Roundup

<https://www.purduelandscapereport.org/article/beyond-roundup-alternatives-to-consider-adding-to-your-weed-management-plan/>

Feast or famine: precipitation extremes

<https://www.purduelandscapereport.org/article/feast-or-famine-landscape-plants-are-struggling-due-to-precipitation-extremes/>



Evansville, IN average vs. actual precipitation in 2019.

Winter Injury Update to Michigan Trees and Shrubs

<https://www.purduelandscapereport.org/article/winter-injury-update-to-michigan-trees-and-shrubs/>



Early frost injury to Canaan fir. Photo by Dull's Tree Farm.

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