

Pollinator Health: Horticulture's Role in the Solution



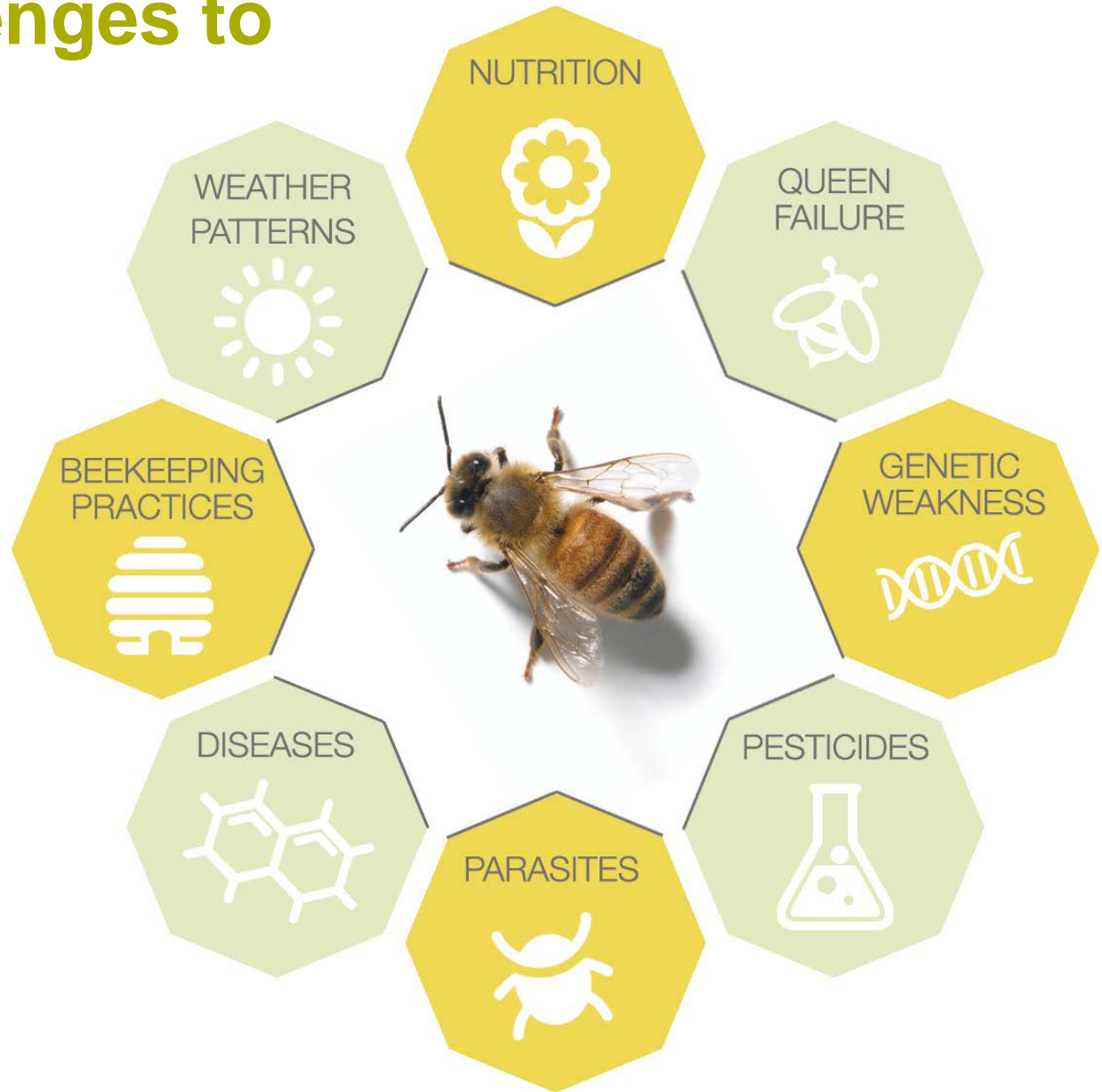
Joseph Bischoff, PhD
Regulatory & Legislative Affairs Director
AmericanHort

Direct: 202-789-8112

Mobile: 732-690-7752

[Email: JoeB@AmericanHort.org](mailto:JoeB@AmericanHort.org)

Many Challenges to Bee Health



Asian Longhorned Beetle (ALB)



Emerald Ash Borer (EAB)



Hemlock Woolley Adelgid



Japanese Beetle



Japanese Beetle Harmonization Plan

State Nursery Licensing Expectations



Section 166. Examination and certification of nurseries and nursery stock.

The commissioner shall ... inspect all nurseries or places where nursery stock is grown for sale. If upon examination it is found that such nursery stock is apparently free from injurious insects and plant diseases, the commissioner shall issue to the owner of the nursery stock a certificate... If injurious insects or plant diseases are found therein, the owner or person in charge thereof shall promptly take such measures to eradicate ..., and no certificate of freedom from disease shall be given until the commissioner has satisfied himself or herself, by subsequent inspection, that all such injurious insects or diseases have been eradicated.

5

International Pest Control

Off-shore production

- Over 1 Billion unrooted cuttings per year

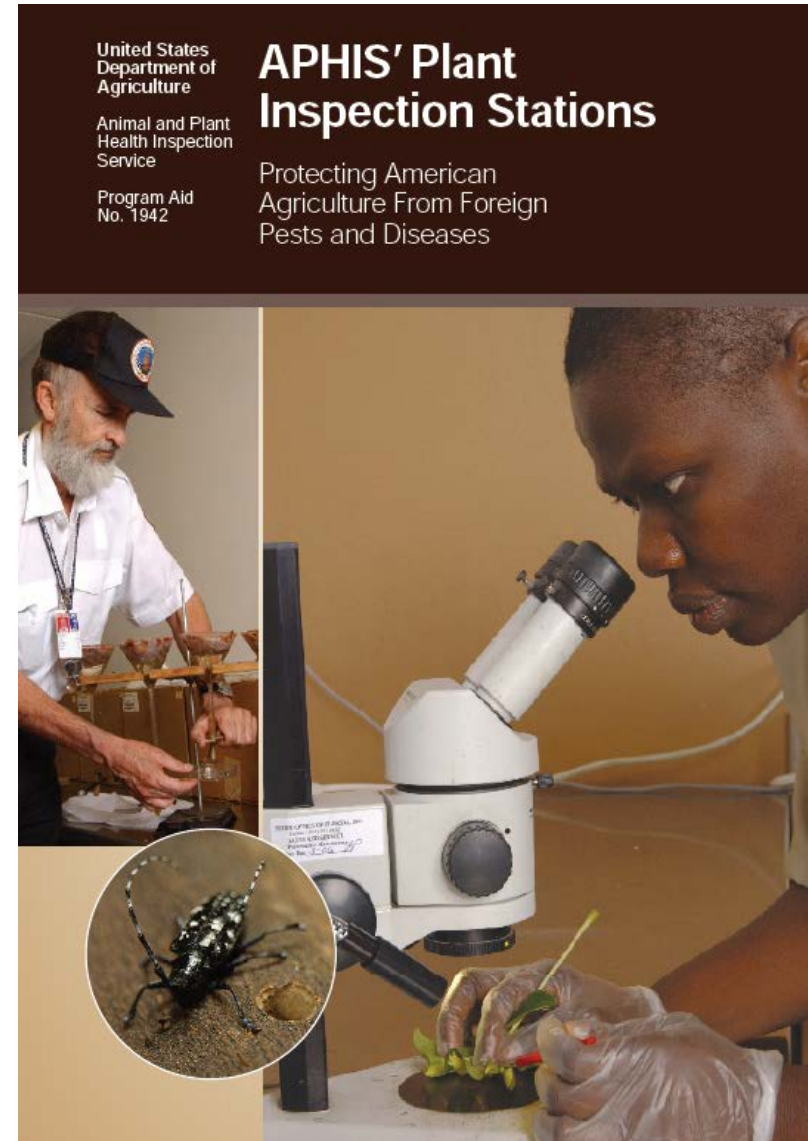


- Colombia
- Costa Rica
- El Salvador
- Ethiopia
- Guatemala
- Israel
- Kenya
- Mexico
- Nicaragua
- Uganda

Protecting American Agriculture

Off-shore production

- **Approx. 1.5 Billion cuttings**
- **All Shipments Inspected**
- **Effectively a 0% tolerance for pests**
- **Mandatory destruction or fumigation at the border**



Where Do We Go From Here?

- **Currently Developing Stewardship Practices**
 - **Support Research**
 - **Partner with groups willing to collaborate**



Pollinator Stewardship Initiative Task Force

- Nine breeder, grower, retail members
- Two scientific advisors
 - Entomologist – Pest management
 - Ecologist – Pollinators in the landscape
- One task force manager (former grower)
- One participant from AmericanHort
- One participant from SAF

Research Agenda – 5 Areas Focusing on the plants we sell

- 1. Flower Morphology, Pollen, and Nectar Production**
- 1. Bee Attractiveness**
- 1. Neonic concentrations in pollen and nectar following – Field Relevant**

Research Agenda – 5 Areas Focusing on the plants we sell

- 4. **Alternative Practices Where Caution Must be Optimized**
- 4. **Native Pollinator Forensics**

***** HRI Request For Proposals *****
Deadline December 31

Stewardship Program Elements

- Expanded Forage for Pollinators
 - Leveraging Partnerships
- Integrated Pest Management
 - General Approaches that Reduce Pesticide Use While Continuing to Control Pest Challenges
- Best Management Practices for Pollinator Attractive Plants
 - Timing and Refined Pesticide Selection for These Plants.

AmericanHort
The Consolidation of ANLA and OFA

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"Oh, so the All-America Selections award is a lot like the Good..."

Horticultural Research Institute...
The Horticultural Research Institute, the research affiliate of...

Tax Extenders and the Lame Duck...
Congress returns November 12 for a "lame duck" legislative session. Urgent...

Dodging Wage & Hour "Gotcha's"
The Horticulture industry has been in the U.S. Department of Labor's sights...

AmericanHort News Thursday, October 2nd 10:16 AM ET
Horticultural Research Institute Awarded USDA Funds
The Horticultural Research Institute, the research affiliate of AmericanHort, has been awarded federal funding totaling \$98,000 to advance the "National Harmonized... [Read more](#)

Washington Impact

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Using Chemistry to Your Advantage: Understanding the Chemistry of Plant Nutrition

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Our Contact Info

Joe Bischoff, PhD – Regulatory and Legislative Director

JoeB@AmericanHort.org

Office: 202/789-8112

Cell: 732/690-7752

Lin Schmale – Senior Director of Government Relations

LSchmale@SAFNow.org

Office: 703/838-5231

Cell: 703/517-3675