

Citrus There and Here: Perspectives on Pest Management from Florida

Eric Middleton, UC Cooperative Extension
Farm and Nursery Expo, November 10, 2022



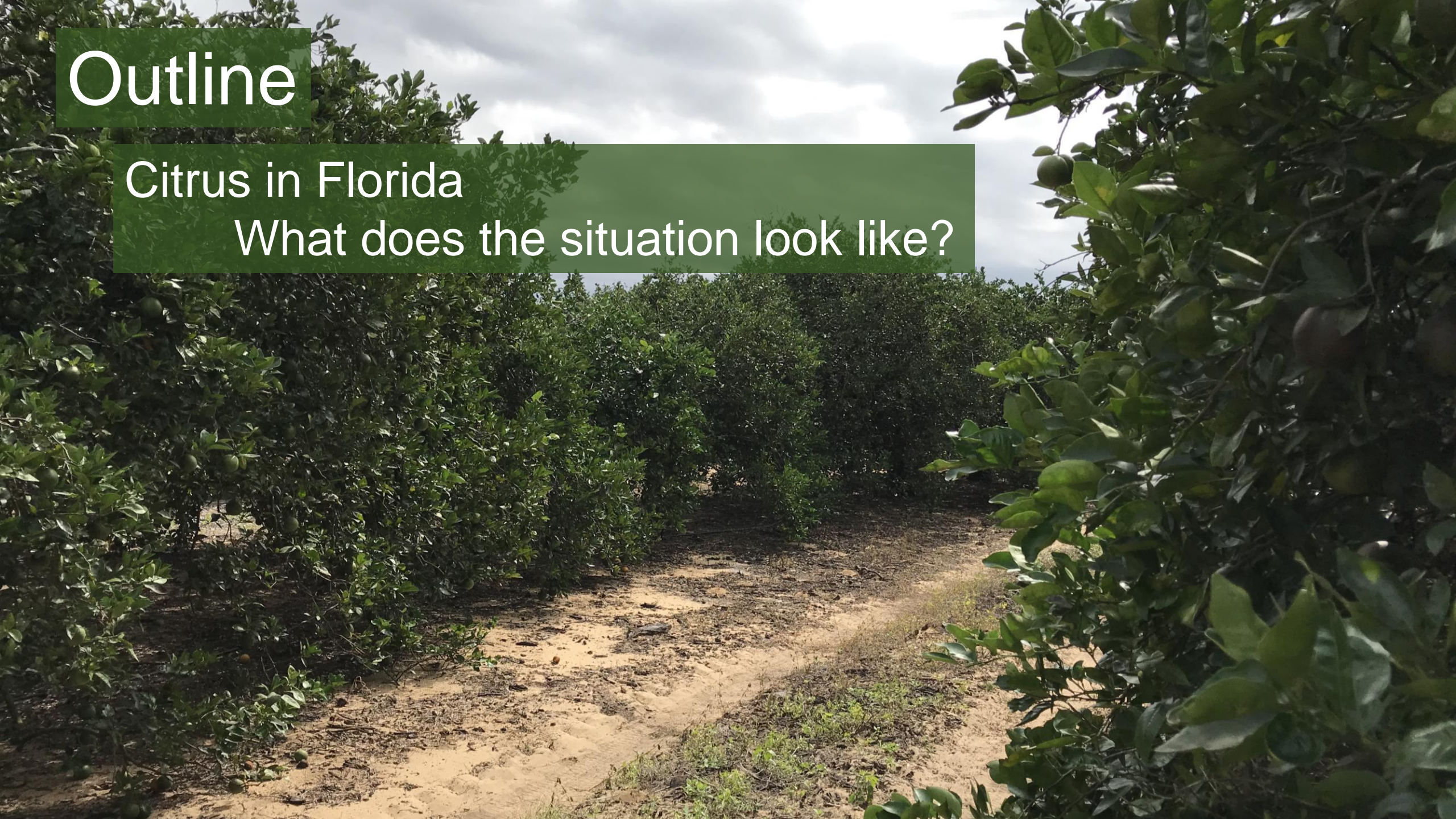
Outline



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Citrus in Florida

What does the situation look like?

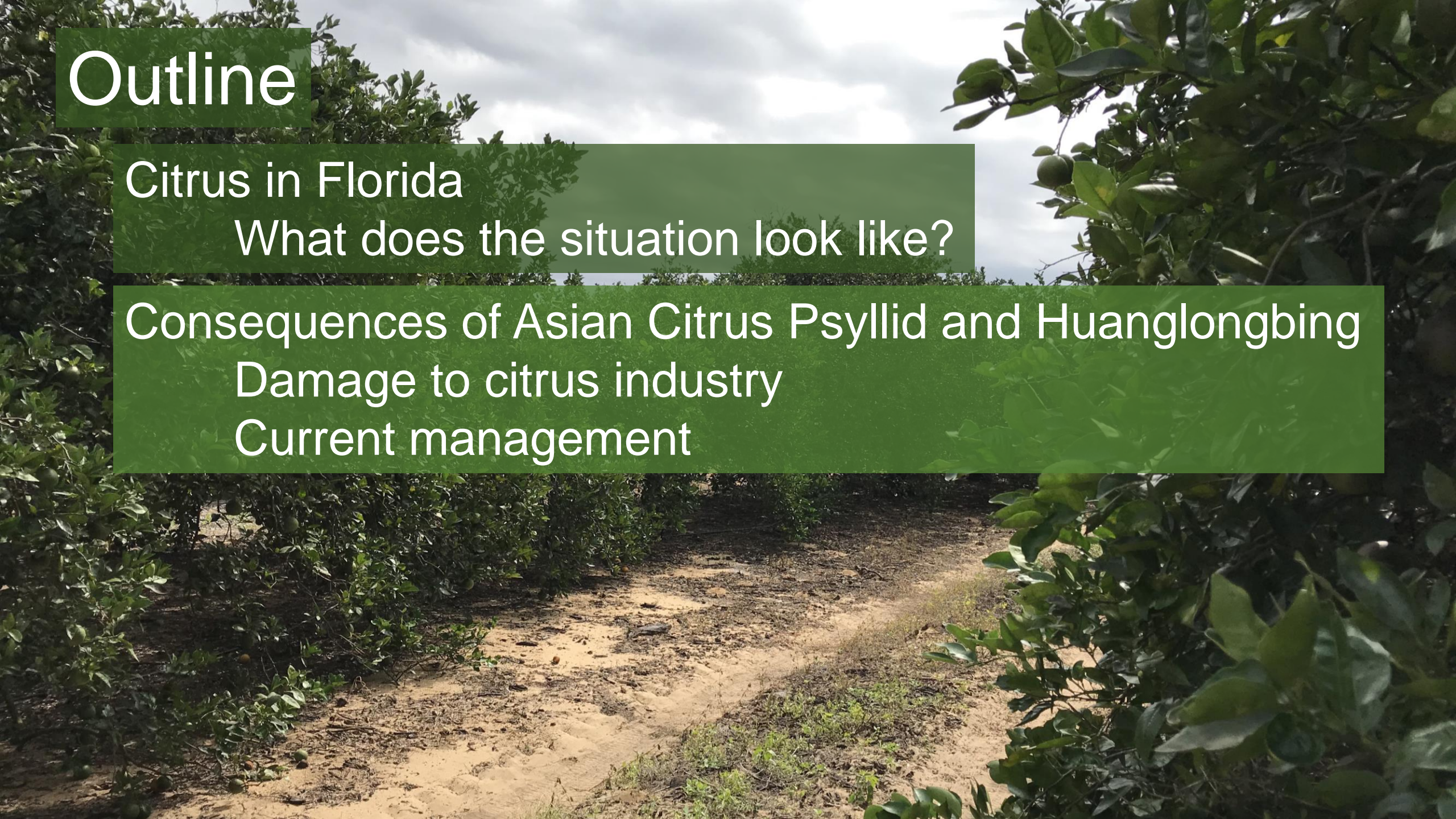


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Citrus in Florida

What does the situation look like?

Consequences of Asian Citrus Psyllid and Huanglongbing
Damage to citrus industry
Current management



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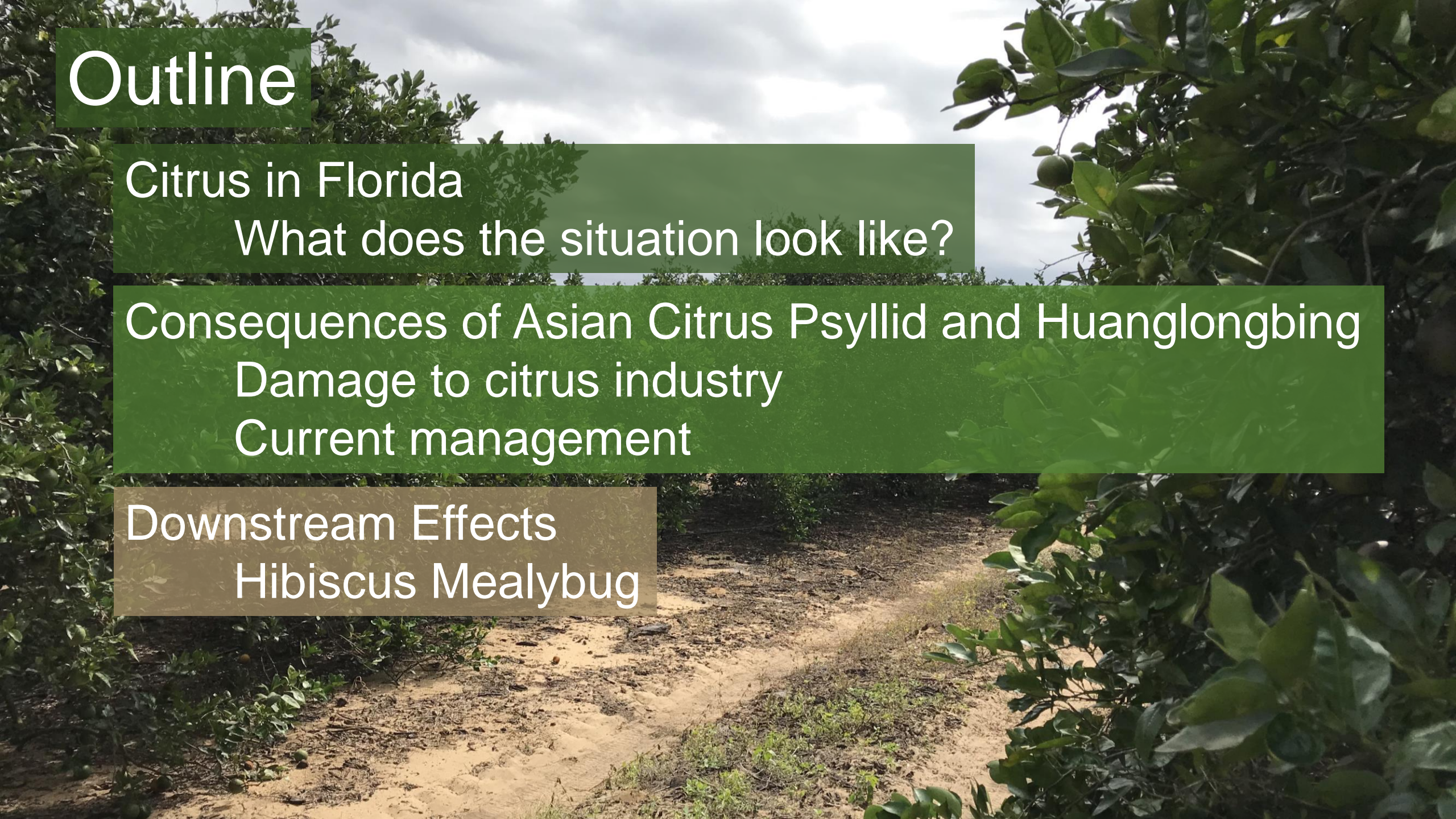
Consequences of Asian Citrus Psyllid and Huanglongbing

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Downstream Effects

Hibiscus Mealybug



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What should we learn from Florida?
And not?

My Background



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Conducted research at Citrus Research and Education Center



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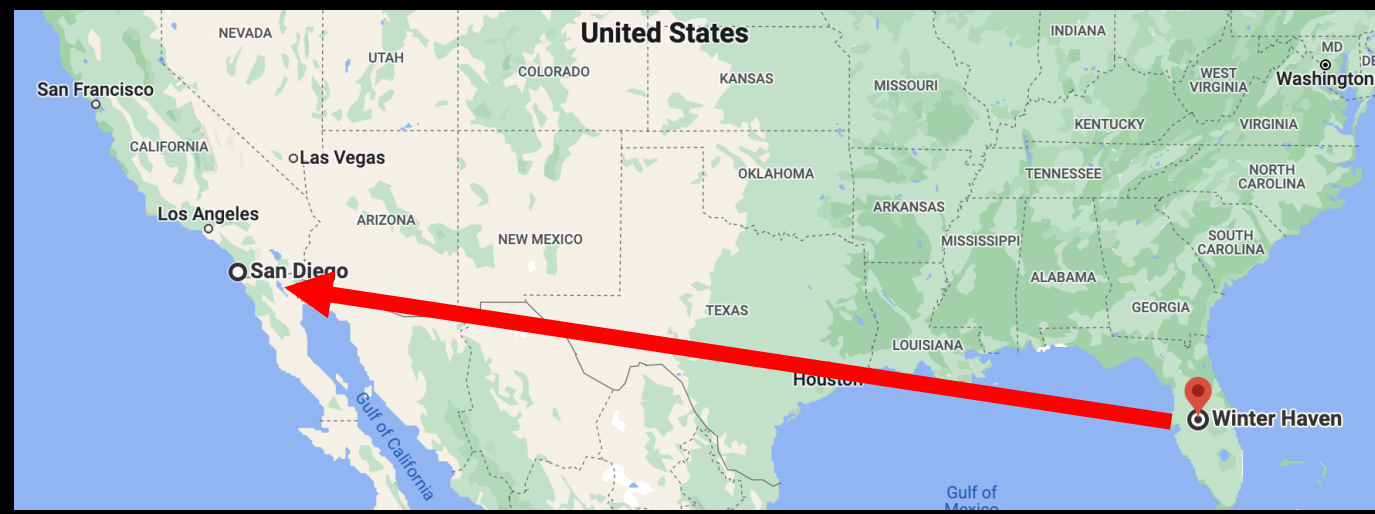
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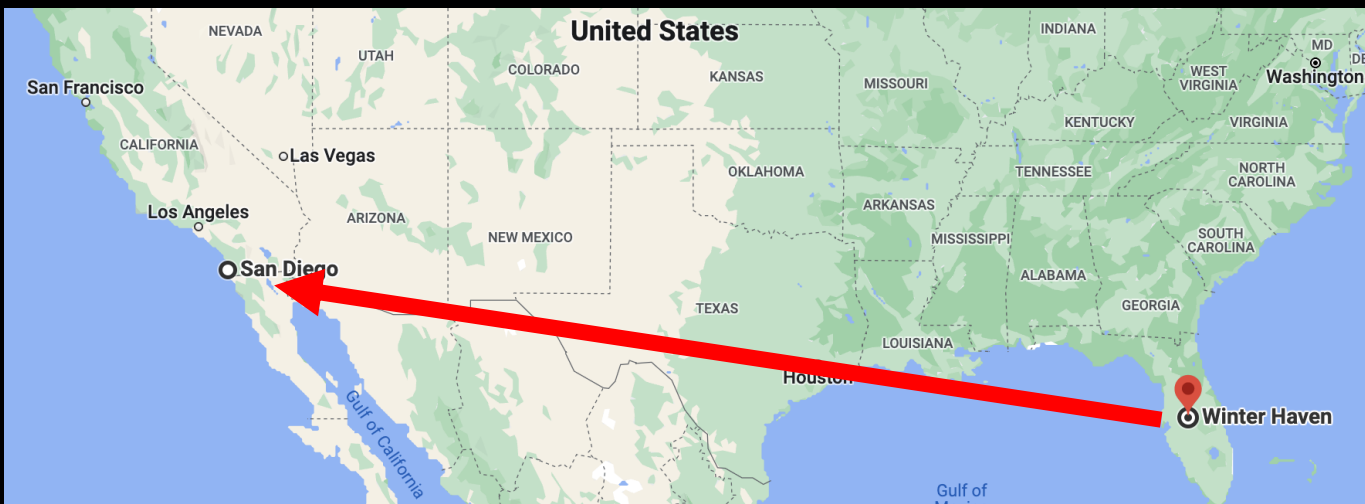


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California citrus was surprising...



Why this talk?



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Florida citrus is profoundly different than California



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Many in California don't know what Florida is like
Only a general sense of "It's bad"





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Understand the past to avoid a possible future



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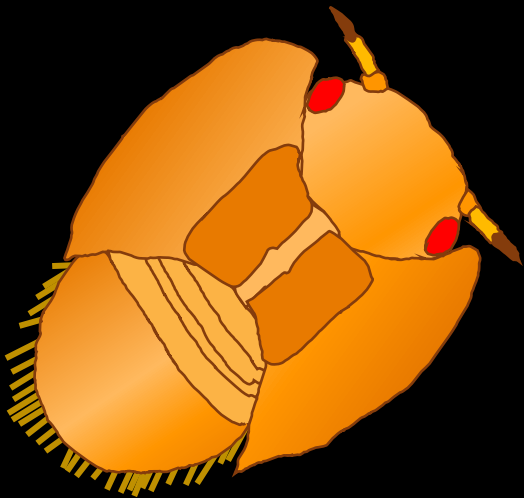
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Understand the past to avoid a possible future

Help provide perspective

Asian Citrus Psyllid/Huanglongbing
is the lens by which
to view Florida citrus production



Asian Citrus Psyllid and Huanglongbing Overview

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Asian Citrus Psyllid (ACP) *Diaphorina citri*



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Spread by feeding ACP

No cure: trees lose roots, dies back

Fruit is bitter, stays green



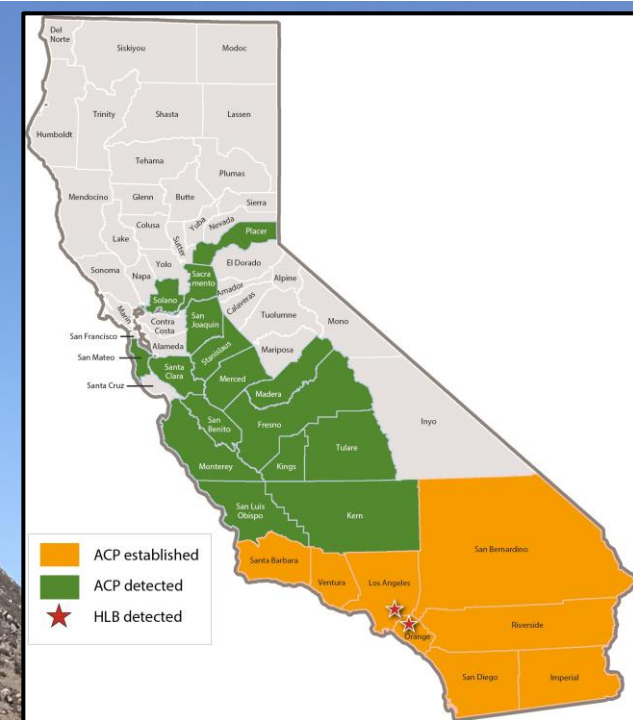
ACP and HLB in California



ACP and HLB in California

ACP found in 2008

Decently widespread



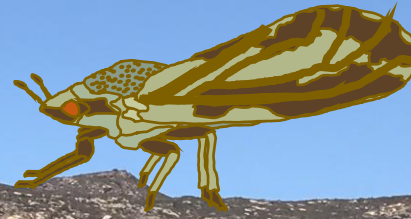
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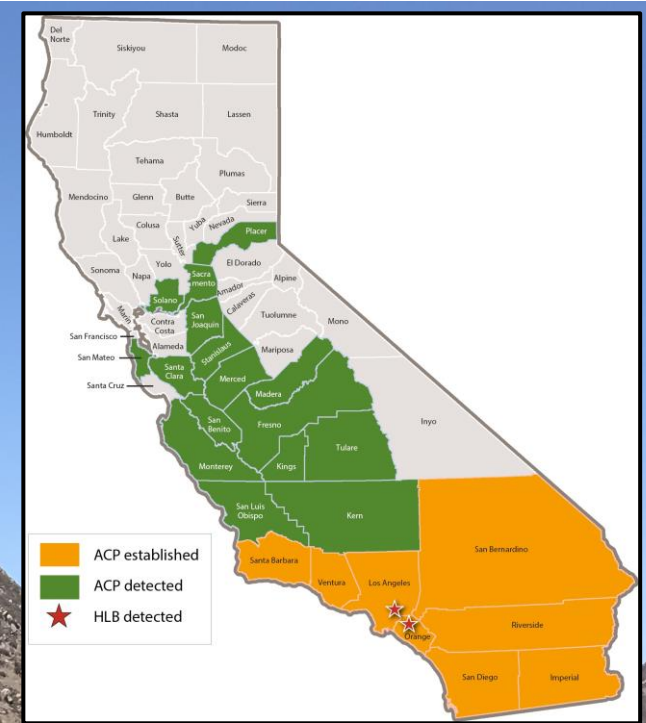
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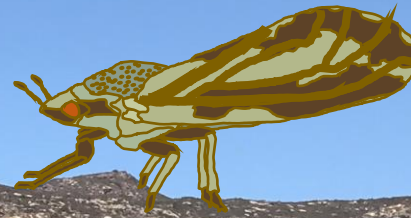
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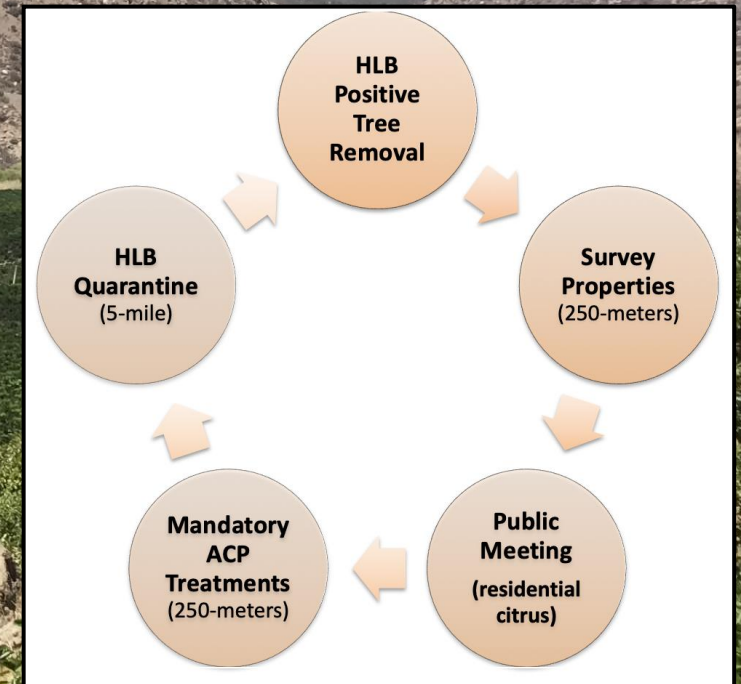
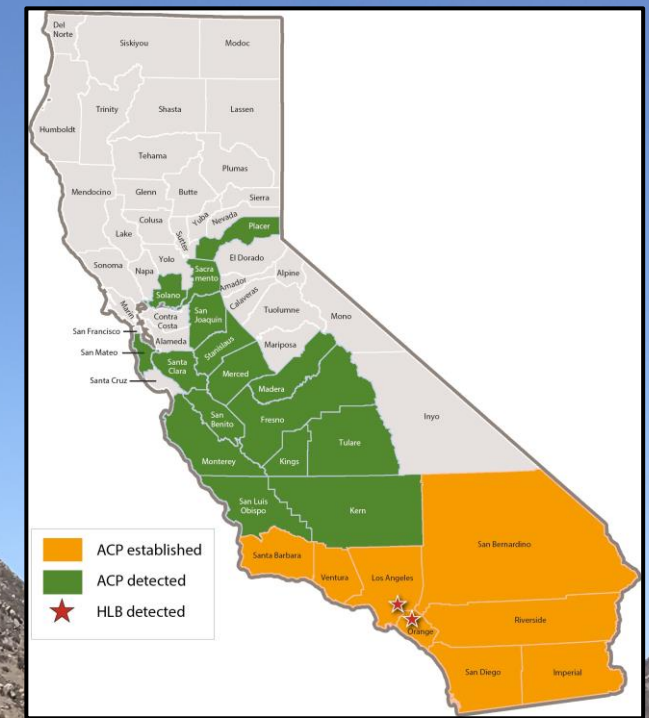
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Remove trees with HLB



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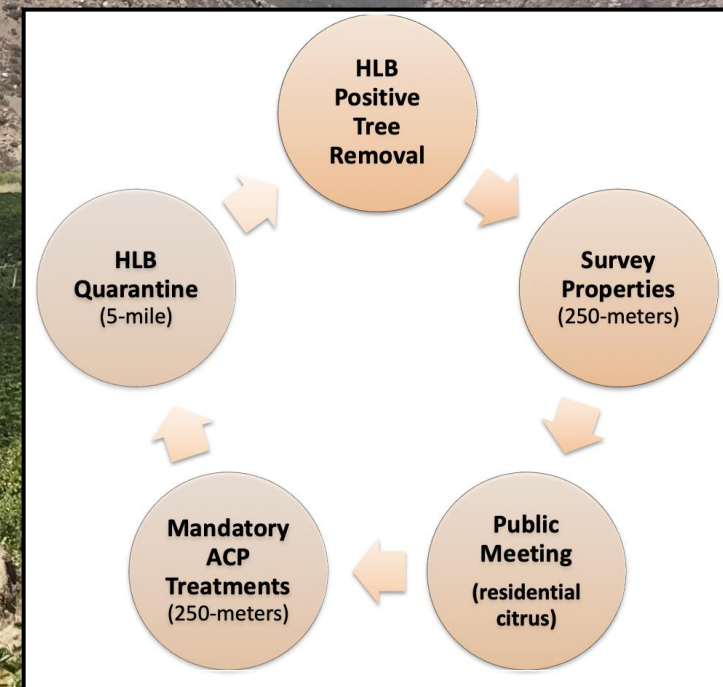
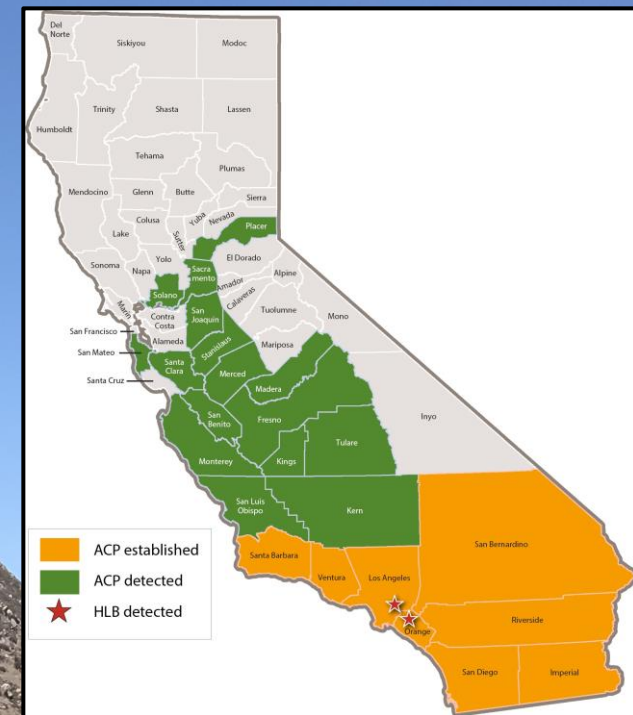
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Prevention and vigilance



ACP and HLB in Florida



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Quickly spread to all citrus growing counties



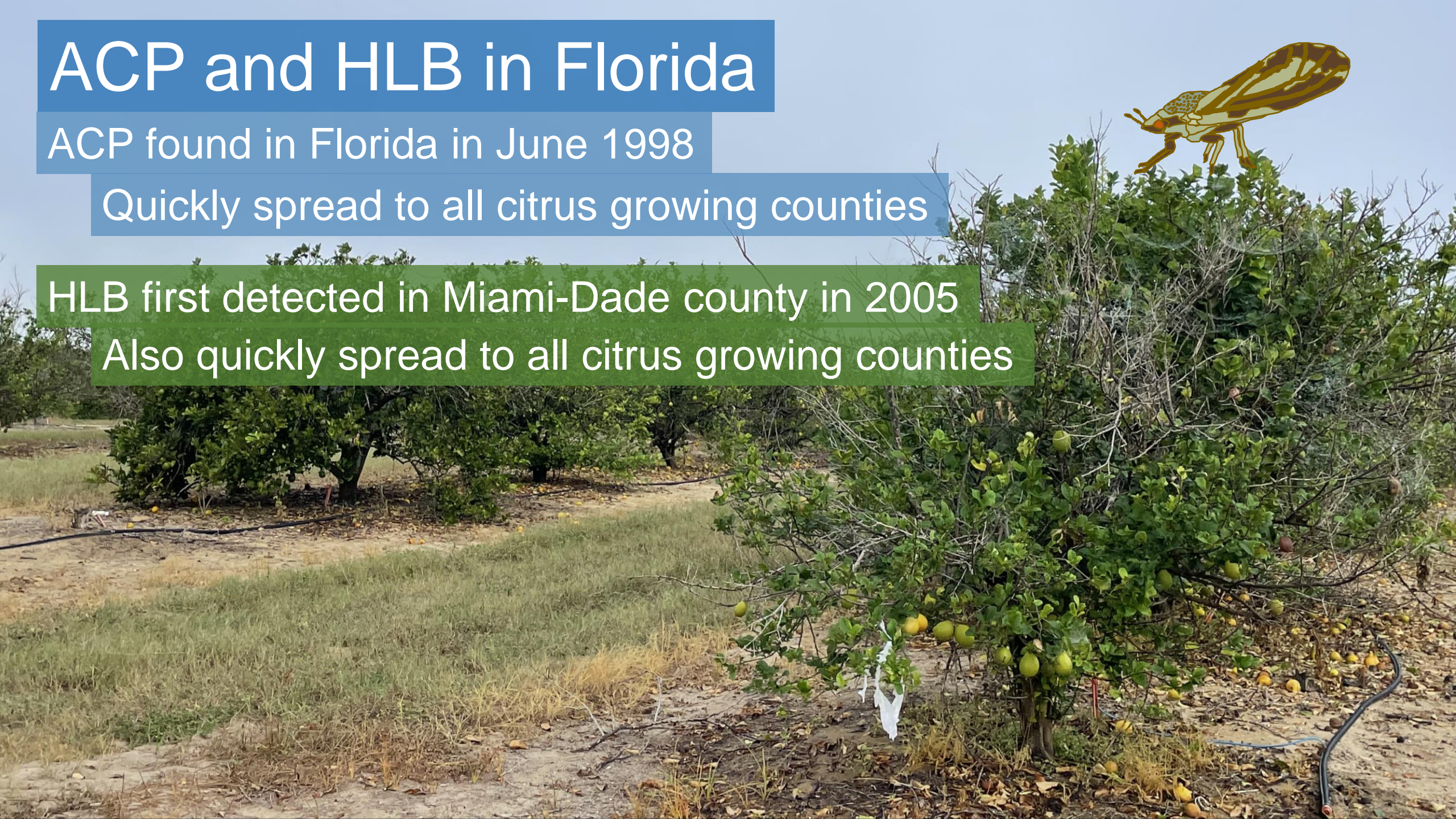
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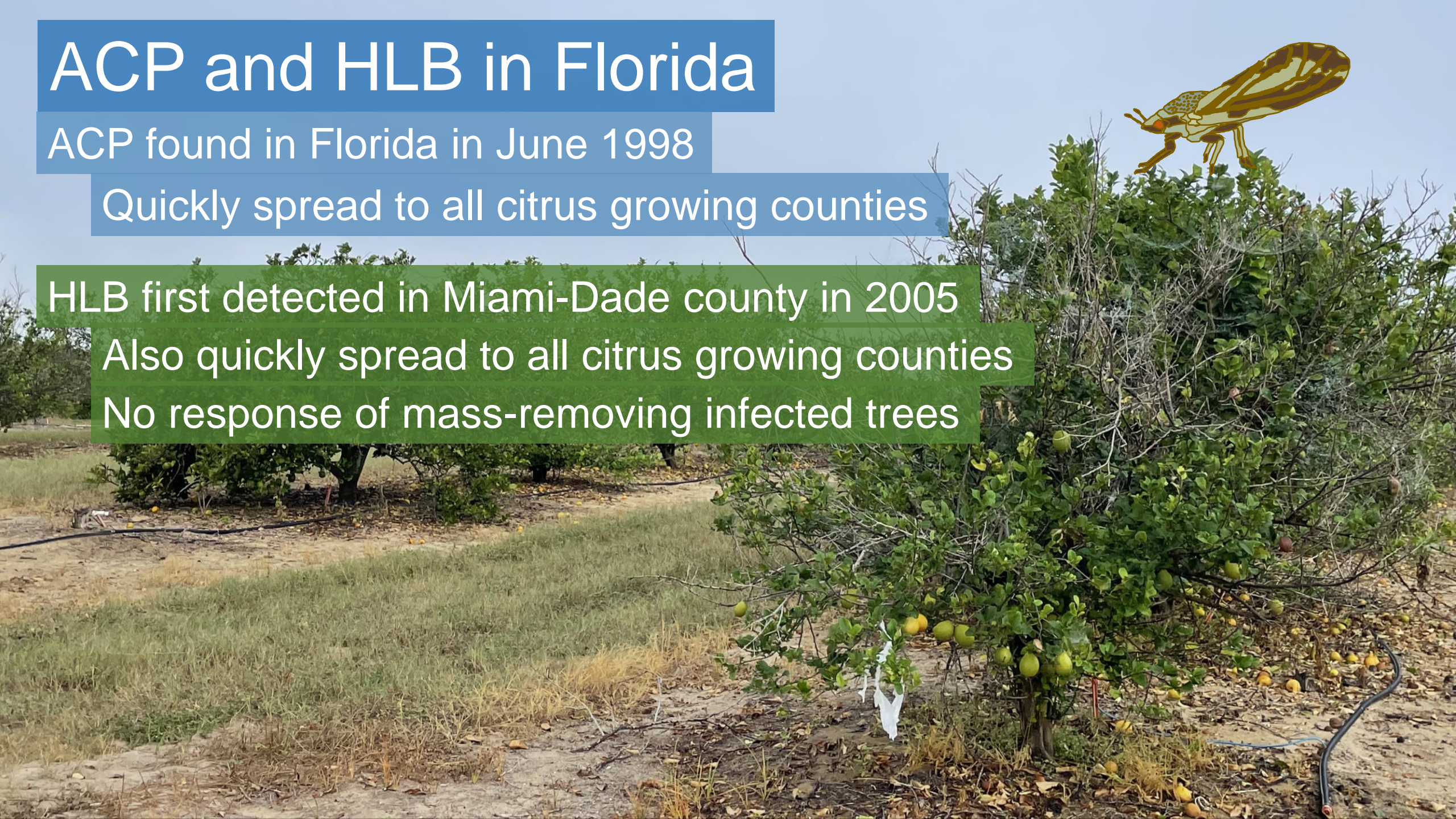
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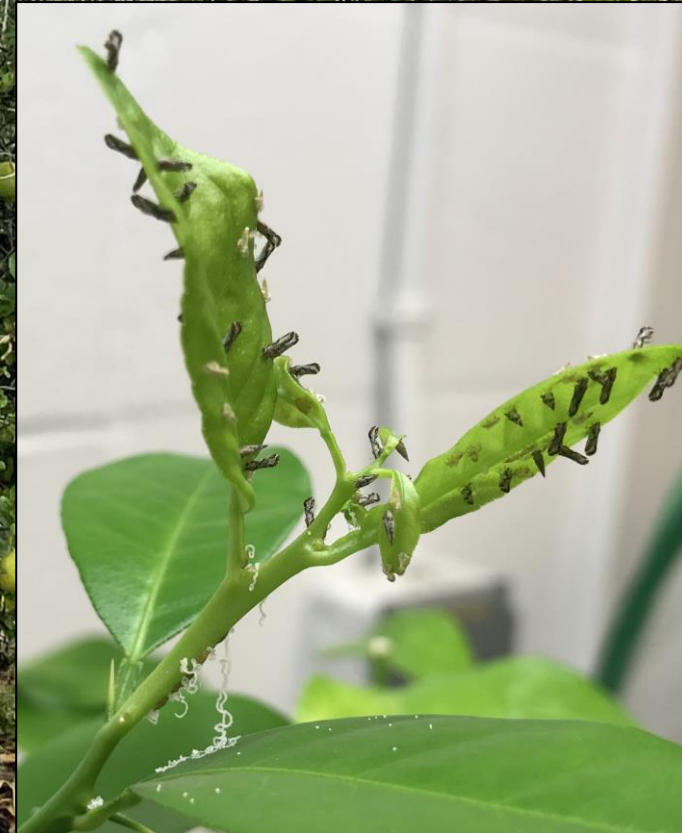
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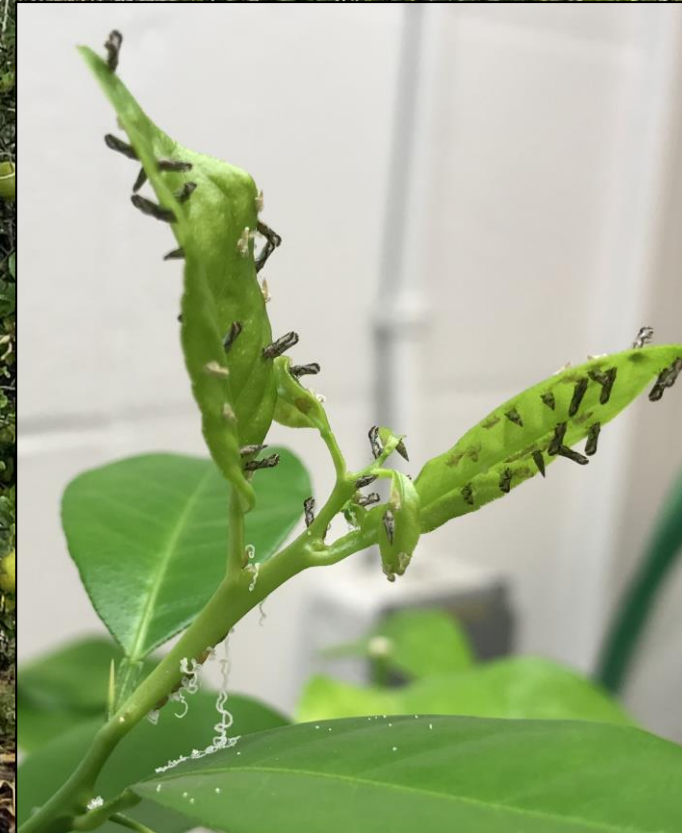
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What has this meant for Florida citrus?

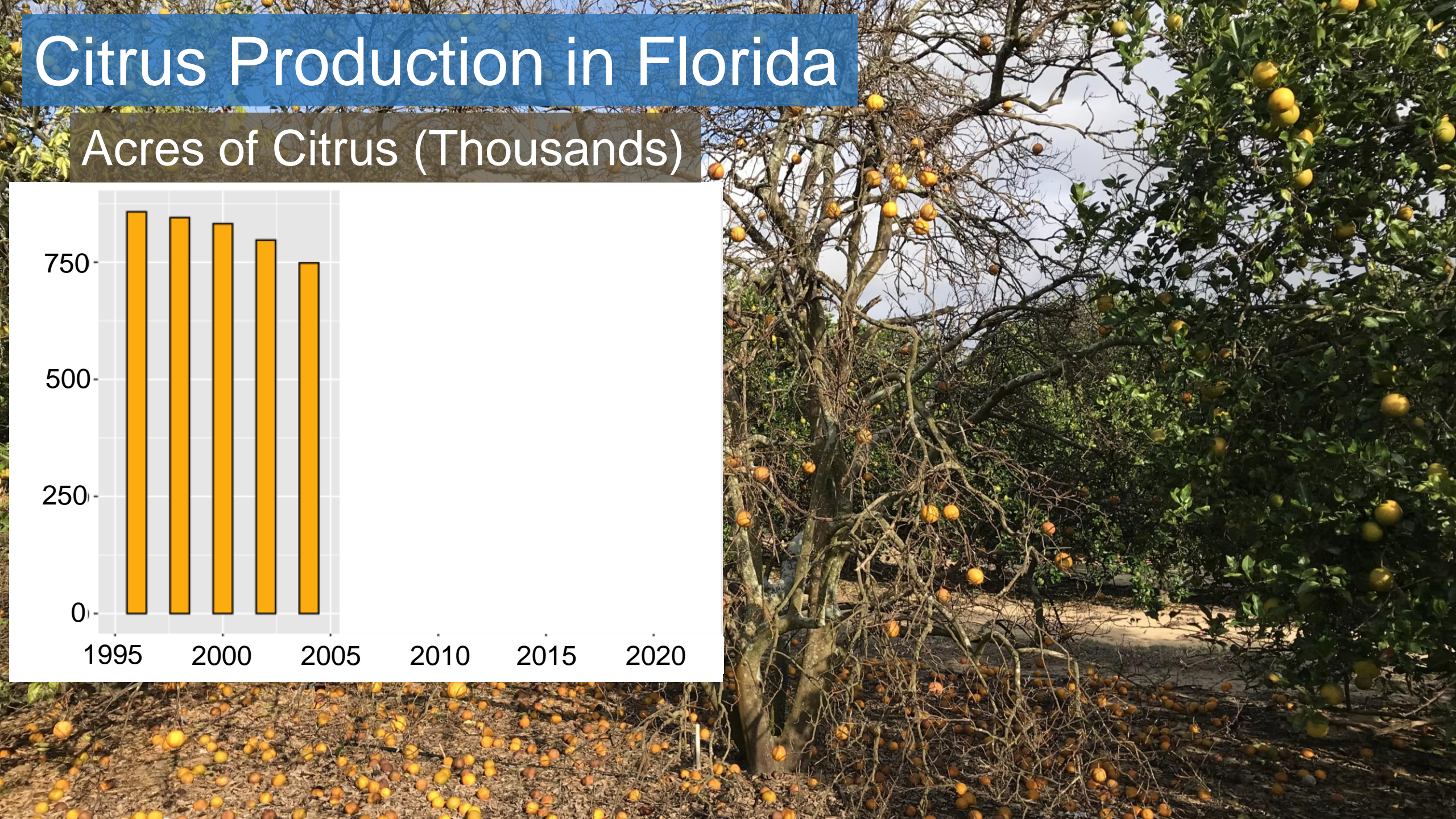
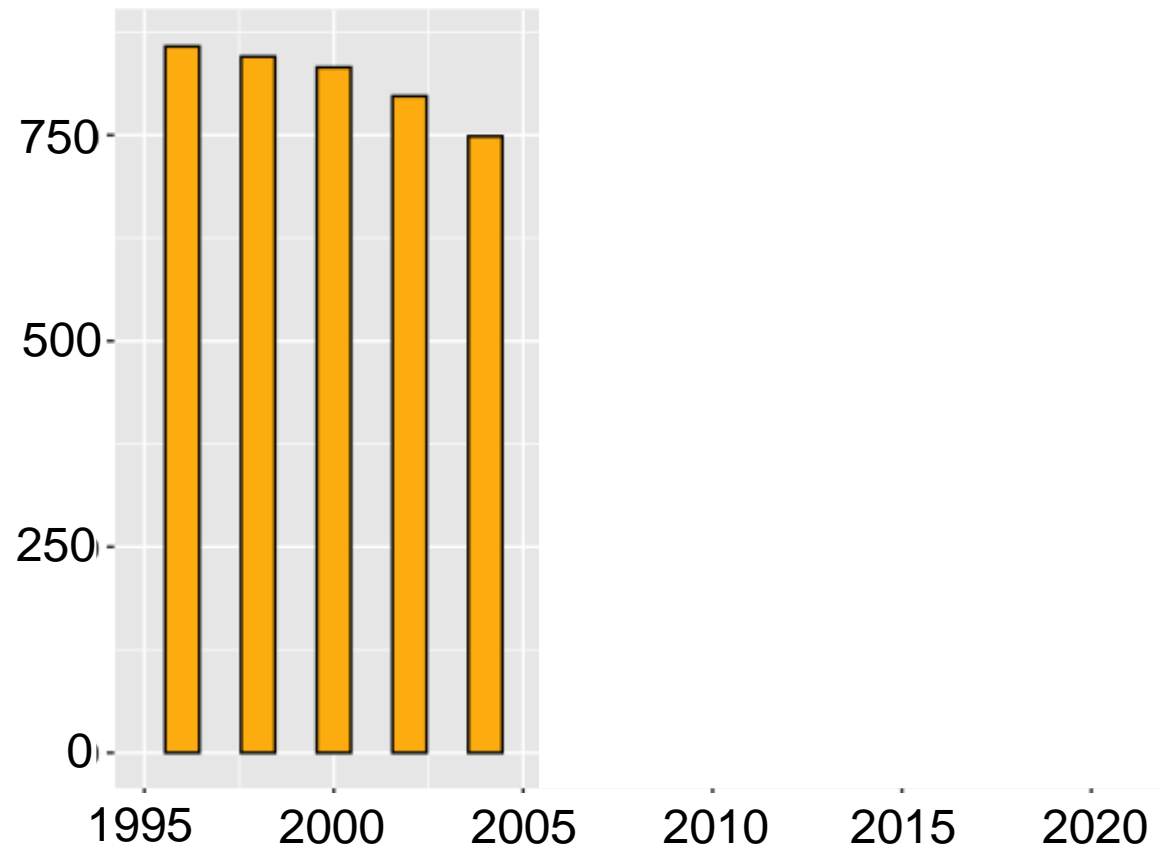


Citrus Production in Florida



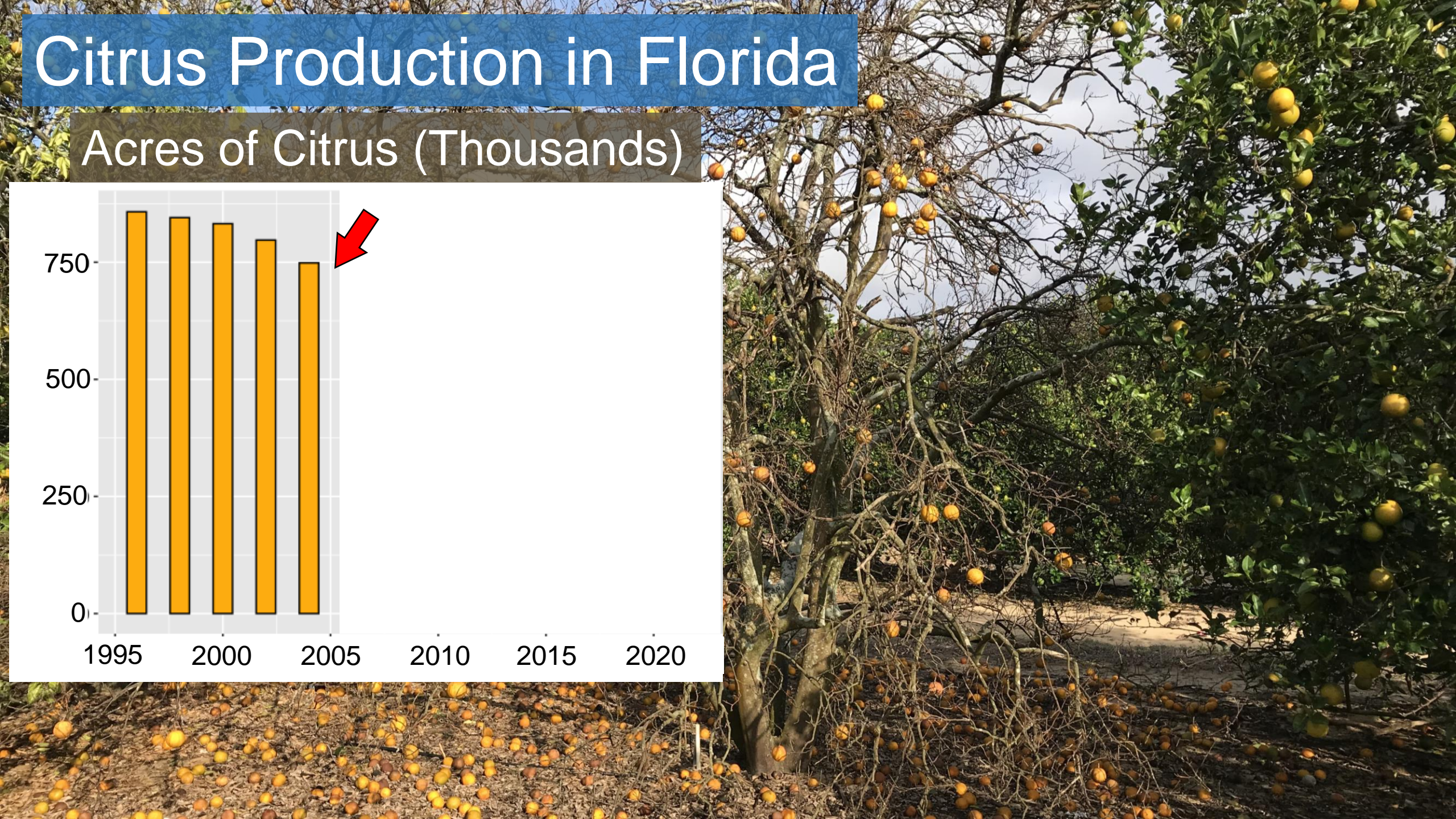
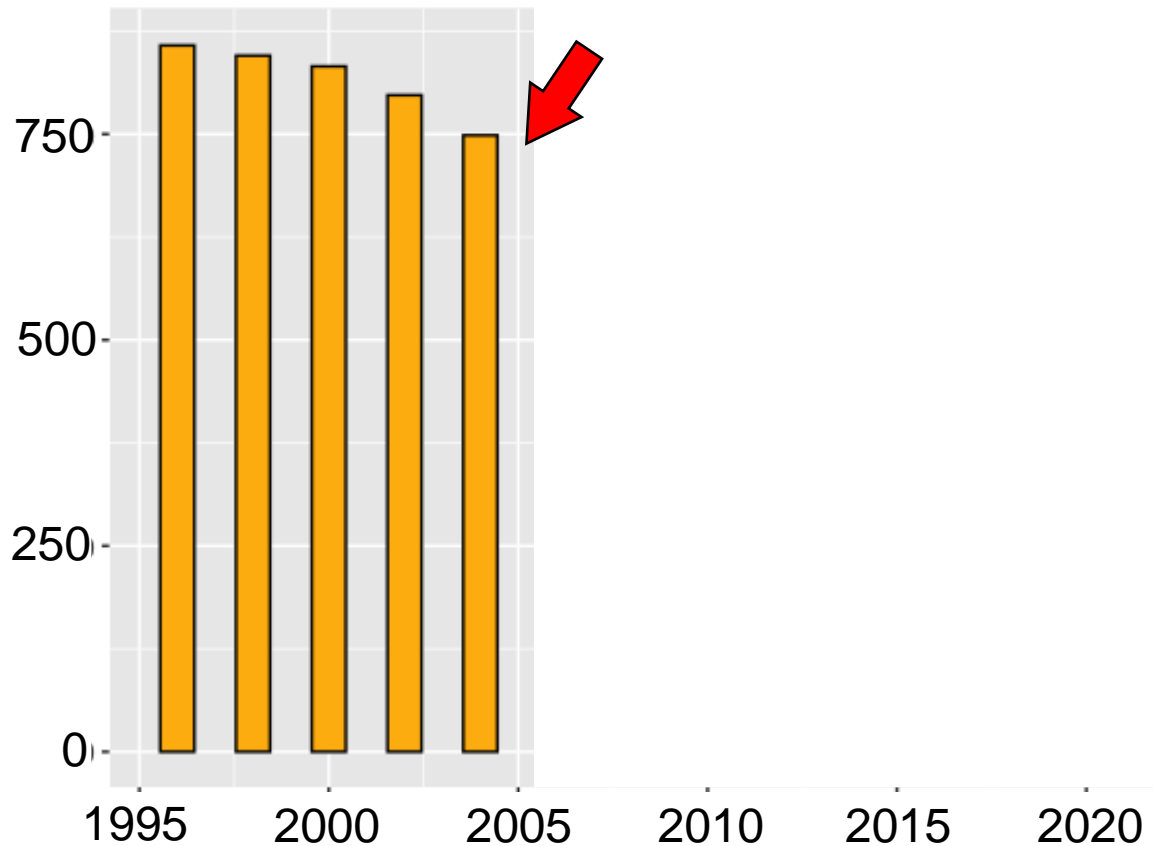
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Acres of Citrus (Thousands)



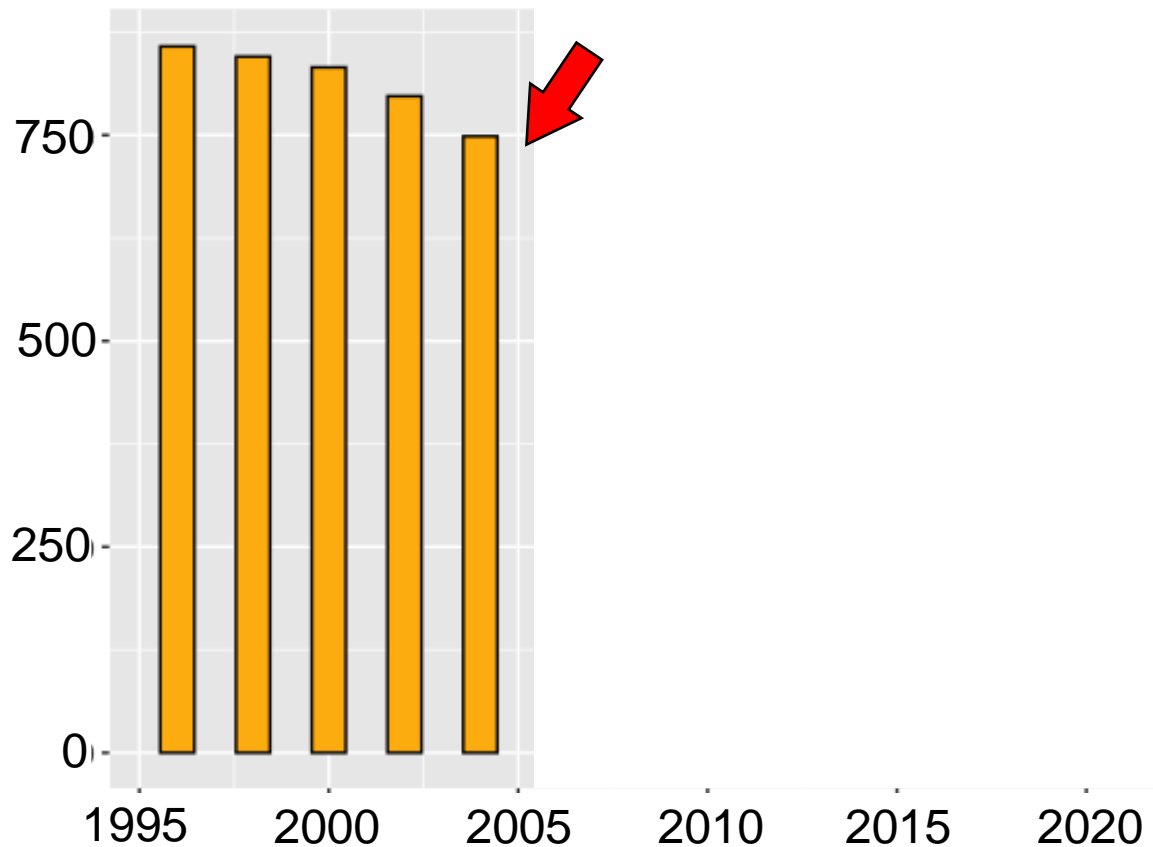
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2004: 748,555 acres

