

**Albezia Stakeholder Meeting 5/31/2013**  
At the USDA Forestry building @ 9am

Flint Hughs and Springer Kaye, Forestry Department

Goals – Finding cost effective management of Albezia trees and to redefine Albezia as a hazardous invasive.

Identify – Possible funding

Steve Siglar of civil defense is present, says he wants to be the Big Island rep, because we don't have one.

Tracy Johnson – Forestry department talked about bio control, none of it sounded effective.

Disappointed that the Department of Water Supply was not in attendance.

Rich Wolinski – Helco – Wants to promote pro felling services to help prevent harm to power lines, Albezia represent only 3% of damage to them.

Legislation -

Act 76 passed in 2009 HB1713 says if trees are threatening your lot you can go on there and cut trees and seek recovery of expenses.

Zendo Kern is introducing a bill 64 to expand Chapter 20, Article 12, Section 20-21 revised statutes to redefine unsafe flora and to find the process to establish removal of hazardous trees.

Amy Miwa – wants to pursue Utilities Co. to address rules regarding the 15' space around power lines that would broaden ability to remove more branches.

The State Noxious Invasive Pest Program includes Albezia see DOT 2012 2022

- Objectives
- Prevent intentional introduction
  - Minimize accidental introduction
  - Co-op with public
  - Get highway department to participate

Info about Albezia

- 140,000 trees were introduced in the 20<sup>th</sup> century
- Seeds spread by wind not by birds
- Seeds last at least 4 years in the soil, maybe more
- The new seedlings are shade intolerant, so effective control is to leave undergrowth
- fact- 40% of tree damage reported are from Albezia on Kauai

Julie Gaertner – Did the Albezia mapping for the Big Island, she identified Wood Valley as the epicenter. Albezia population has increased 253% on the Big Island since 1993.

### **Killing Albezia**

Herbicide – Milestone @ 100%

1 millimeter 1 squirt 8 to 10 drops applied to a notch in tree will kill it, ax a notch every 6 inches  
\$110.00 a Quart

Garlon – At 5% mixture to stumps  
crossbow – 5 to 10% solution applied directly to low cut stump within 20 minutes of cutting guaranteed kill. However, if stump is not cut low enough you may get regrowth near roots. Also, roots stay alive for years without regrowing, it is not known how long it will take before they start growing again.

### **Killing Albezia continued...**

Girdling trunks – Not totally effective, sometimes they regrow across peeled bark, but the larger problem is where the branches fall. Not recommended if near homes, roads, or power lines. Okay of in a field or wooded, undeveloped lot.

### **Funding**

DLND – Rep. Lisa Hadway,  
Budget for hazardous trees \$60 to \$100,000 along Forest reserves.

The people responsible for distributing these funds are...

Joshua Atwood – HISC coordinator, HI invasive species council

R Kukabun – DOA

Glenn Okimoto – DOT

W. Aila – DLNR

HRS 194 Res Number 11-1, Res 11-2 Invasive Species Control need to list Albezia and an invasive and dangerous species.

There is 1.8 Million dollars available through the department of Agriculture 2013, that local control groups can get or apply for, collected from Conveyance Tax, Land, and Natural resource. But there is no real dedicated funding source other than that.

Colleen Cole – The Nature conservancy has funding available.

### **Uses for Albezia wood**

**Power** – wood gasification plant. There's a problem with the idea of replanting as a renewable resource because it spreads so easily. Solution – supplement – use what we got till its gone.

**Cosmetics** – Asia is using the bark for this

**Building products** – Produce planks to repair boats by drying and infusing with polymers as water proofing. Like plastic products ect. Also Paddles, Surfboards, Canoe Hulls, Picture frames, ect.

**Food** – Albezia Honey

**AG** - Mulch