



## Cooperative Extension Service

College of Tropical Agriculture and Human Resources  
University of Hawai'i at Mānoa



# Thirty Trees Sampling Method for CBB Monitoring – A Hands-On Field Day

Tuesday, July 29, 2014

5:00 PM – 6:30 PM

Kona Cooperative Extension Service's Research Station  
(79-7381 Mamalahoa Highway; Kealahou, HI 96750)

**RSVP to Gina at 322-4892 or [ginab@hawaii.edu](mailto:ginab@hawaii.edu) by Monday, July 28, 2014.**

*Please park by the office or greenhouses and walk up carefully. Shoes are recommended.*

### **Each attendee will need to bring with them:**

- Knife, Box Cutter or Pruning Shears
- Clipboard
- Pencil or Pen
- Hand Lens, Reading Glasses or Other Visual Aids
- Battery Operated Calculator



UH-CTAHR's Risk Management Hawaii (RMH) program will be co-hosting a hands-on field day demonstration on the **Thirty Trees Sampling Method for CBB Monitoring** with Ms. Suzanne Shriner. This method was first taught to Hawaii coffee farmers by Dr. Luis Aristizabal (Tropical Agro-Ecology Specialist at the University of Florida) back in August 2012 and is the current recommended sampling and monitoring method for the industry. CBB is a major production and financial risk that coffee growers on the Big Island have been battling since its arrival in 2010. Education is a key component to increasing growers' knowledge of this major pest and the techniques used to control CBB.

### Growers will learn/gain:

- 1) How to conduct this sampling method to sample green cherry on their own farm.
- 2) A better understanding of infestation level of cherry in the field by counting infested and non-infested green cherry.

- 3) *A better understanding of how to determine the percent damage to beans by carefully dissecting infested green cherry to determine CBB positioning in the cherry.*
- 4) *A better understanding of their spray program and efficacy of each application.*
- 5) *How to calculate infestation levels and bean damage.*
- 6) *The ability to teach other farmers how to do the sampling method.*

**The sampling directions and tally worksheets, ziplocks, and a few counters will be provided.**

**A Microsoft Excel file has been created for ease of computing percentages of infestation and bean damage. If you would like to download this file, please bring a USB drive with you.**

Anyone with questions or requiring information may contact Andrea Kawabata at 322-4892 or [andreak@hawaii.edu](mailto:andreak@hawaii.edu).

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*For more information:*

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For information or to request an auxiliary aid or service (e.g., sign language interpreter, designated parking, or materials in alternate format), contact Gina ([ginab@hawaii.edu](mailto:ginab@hawaii.edu)) or Andrea ([andreak@hawaii.edu](mailto:andreak@hawaii.edu)) at (808)322-4892 at least seven days before the activity/event.

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**UH COLLEGE OF TROPICAL AGRICULTURE  
AND HUMAN RESOURCES**

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