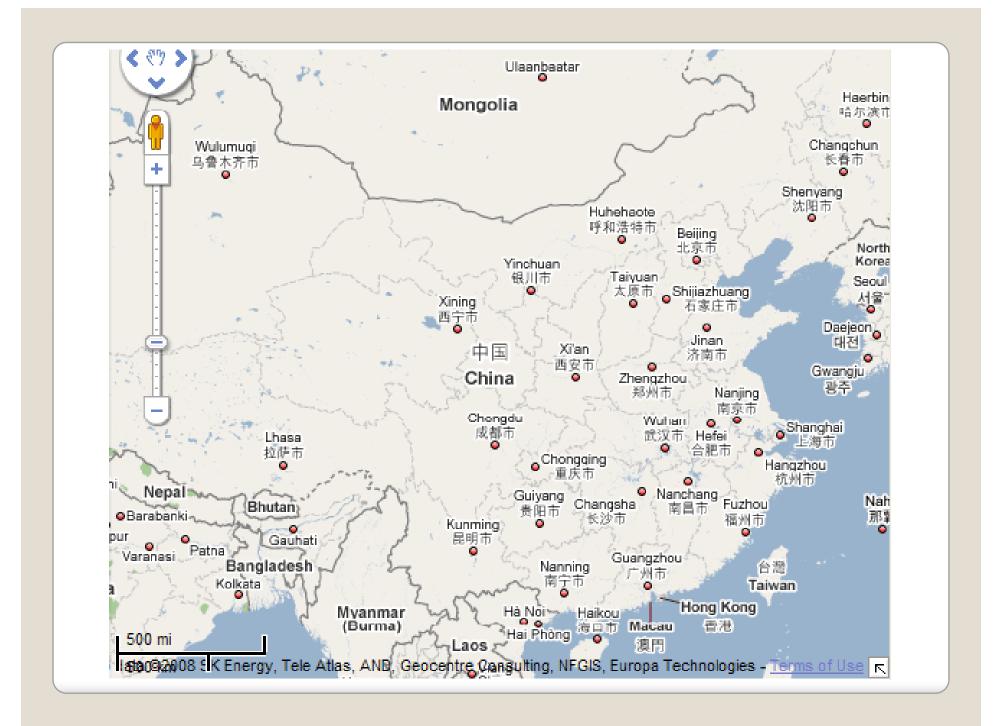
# Surveying for Naturally Occurring HLB Field Resistance

Fred Gmitter
UF-CREC
Citrus Greening Symposium
April 7, 2009

- November 2007: Jiangxi and Guangdong
- April 2008: Guangdong and Guangxi
- November 2008: As above, plus Hainan and Yunnan

## **Times and Places**



- FCPRAC granted project to find and characterize HLB "escape" trees
- Assess the nature of HLB problem
- Understanding the impact and ways farmers cope with the disease

## **Objectives**



Disaster





**Lemons in Yunnan** 



Valuable product from Hainan



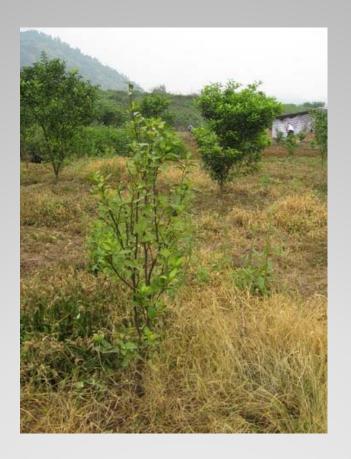
Hainan, denial!



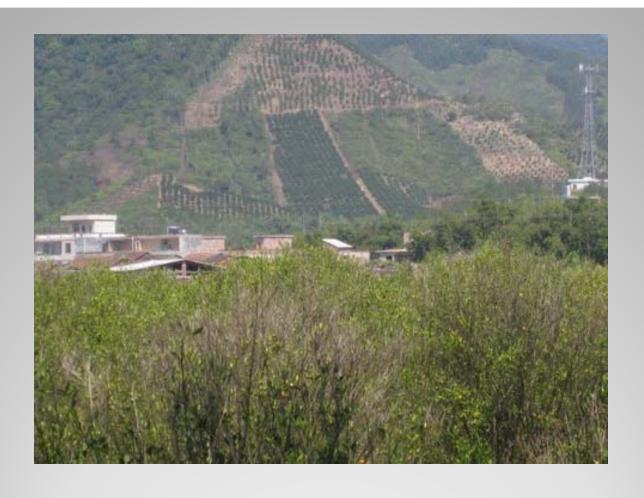
Family farmer



An unwelcome visitor!



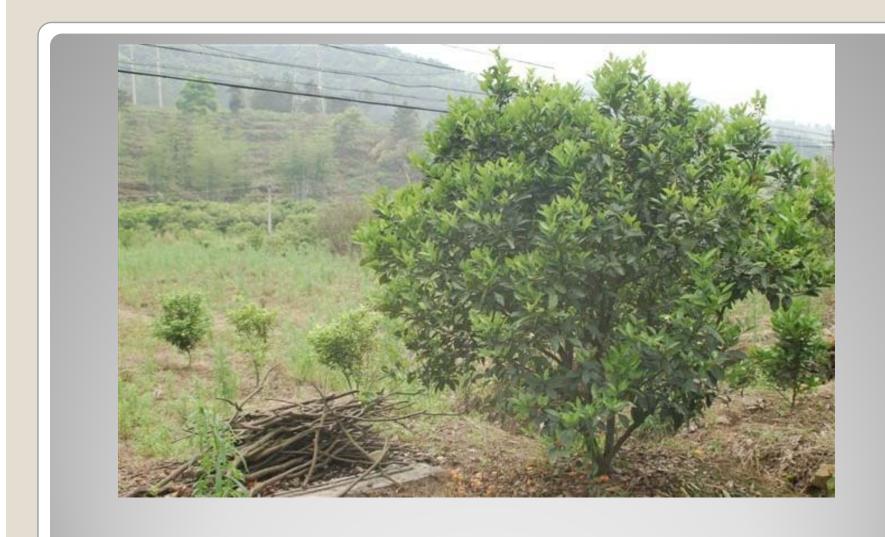
Farmer's "neighbor"



**Hopeless and Hope** 



A lone survivor?



**Another Ione survivor?** 





Pummelo and seedling variation





Hope and success: Mr. Deng





Adjacent block: HLB



Success and Dr. Chen





Health, with adjacent threat!

#### Success!

### **Beauty!**





Recovery in Jiangxi



Professors!!!



Critical part of the plan



Facing the future



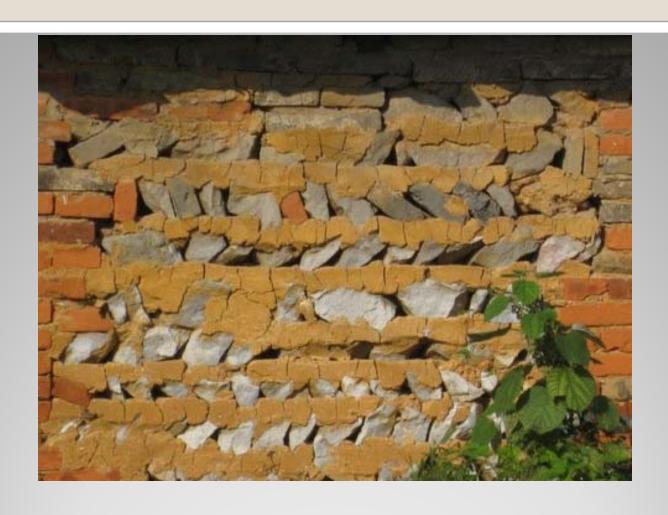


**Optimism and control** 





Choices!



A working mosaic!

- Geography and climate
- Crop value and economics
- Cultivar selection
- Clean nursery stock
- Psyllid control approaches

Factors that influence outcome



Looking forward with confidence!

# Thanks!



Friends in China

**FCPRAC** 

You!