Banana Bunchy Top Update: Maui County

Presented by:
Adam Radford (MISC)

Maui Invasive Species Committee
Imagine Maui With No Bananas

- Background and importance of ongoing efforts.
- Outreach and education.
- Island specific overviews.
- History and future of funding.
- Future plans.
Background

- Maui has the most Polynesian varieties in Hawaii and is at risk of losing all of its bananas (Kepler & Rust, unpublished).

- First found in Hawaii in 1989 and on Maui in 2002 by Mach Fukada (HDOA).

- Bob Yonahara (HDOA) began survey efforts of Pukalani in 2003.

- MISC began to assist HDOA with survey and control efforts in 2004.

- Infected bananas have been found in Pukalani, Makawao, Kihei, Kula, Lahaina, Kahului & on Molokai.
We’re Losing Our Bananas!

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Outreach and Education

- Disseminate information via presentations, handouts, posters, field ID guides, press releases and banners.

- Established a Keiki plant replacement program w/ Maui Tropical Plantation.

- Continue survey efforts and to develop creative outreach methods.
Banana Bunchy Top Distribution for Maui County

“Core” Infested Area 2003

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“Core” Infested Area 2004
“Core” Infested Area 2006

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“Core” Infested Area Total

Source: MISC Geodatabase

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Banana Bunchy Top Distribution

Molokai BBTV Distribution
One Location as of July, 2006

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Banana Bunchy Top Area Surveyed

Lanai Survey Efforts
No BBTV as of July, 2006

Source: MISC Geodatabase

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Funding by Fiscal Year

- 2004 – Maui County $15,000
- 2005 – Maui County $45,000
- 2006 – Maui County $50,000
- 2007 – Maui County $50,000
Future Efforts

- Continue systematic survey and control efforts in the most impacted communities.

- Expand search efforts and random sampling as resources become available and new outbreaks are identified.

- Expand and modify public outreach efforts.

- Seek additional funding to expand survey, control and outreach efforts.
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