

Hurricane Michael

Emergency Response Efforts for Florida's Apiary Industry



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B.S. in Biological Sciences from University of Florida

- Aug. 2010 – May 2014

Lab Manager at University of Florida Honey Bee Lab

- Jan. 2015 – Dec. 2017

Operations Review Specialist at DPI - Apiary

- Dec. 2017 – present







500



40,000



1,000,000,000



Challenge #1: Communication

Phone and internet connections were down
SART, UF, FSBA, DPI had daily conference calls to discuss strategies for reaching beekeepers and coordinating relief efforts



Immediate Hurricane Relief for Beekeepers

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Hurricane Michael significantly impacted the beekeeping industry in the Florida Panhandle. This area is home to about 500 registered beekeepers and nearly 50,000 colonies, which amounts to more than 1.2 billion bees. These colonies are vital to Florida agriculture because the bees provide pollination services to many of the state's crops.

Beekeepers in the Florida Panhandle are racing to save their colonies as many forage resources – blooming trees and flowers – were destroyed in the hurricane. Furthermore, many of the colonies have been destroyed, damaged or otherwise cannot be accessed due to the hurricane.

For Affected Beekeepers

The Florida State Beekeepers Association (FSBA) is organizing assistance to help beekeepers affected by Hurricane Michael. The FSBA has created a dedicated

Challenge #2: Accessing Apiaries



Challenge #3: Feeding Bees



Syrup Distribution



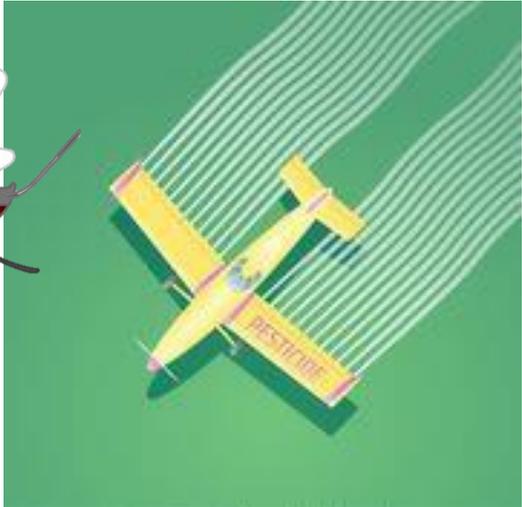
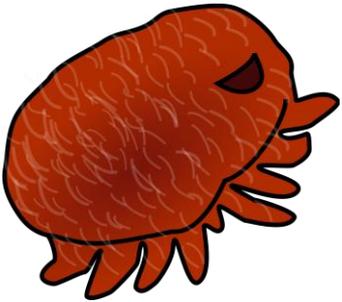
Protein Supplement Distribution



Open Feeding vs. Jar Feeding



More problems





It takes a village...





Thank You!

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