

## **The Economics of Management Strategies to Deal with Citrus Greening Disease in Florida**

### **Abstract:**

Citrus production in Florida has declined by more than 90% since 2005. As a result, Florida is no longer the top citrus-producing state in the U.S. The decline is primarily due to the impact of citrus greening or Huanglongbing (HLB) disease. While no cure has yet been found, scientists have proposed different strategies to manage the disease. The economic feasibility of those management strategies is critical for growers. We examine some of the major approaches proposed in recent years — the latest being antibiotic trunk injections — and present the findings.

### **Biosketch:**

Dr. Ariel Singerman is an applied economist interested in agricultural markets, their functioning, and the behavior of market participants. He is an Associate Professor and Extension Economist at the Citrus Research and Education Center at the University of Florida. Dr. Singerman holds a Ph.D. in Economics from Iowa State University, and his fields of interest include agricultural economics and risk management. His current research focuses on evaluating the factors that influence growers' decision-making processes for technology adoption to manage agricultural pests and disease, particularly in the case of citrus greening disease. Dr. Singerman has published articles in top agricultural economics journals, including the *American Journal of Agricultural Economics*, as well as in interdisciplinary journals and extension outlets.



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