

PEER REVIEW PLAN

Title of Review: Peer Review of Supplemental Risk Management Analysis for Movement of Citrus Fruit from Citrus Canker Disease Quarantine Area [X] **Influential Scientific Information**

Agency: USDA, Animal and Plant Health Inspection Service [] **Highly Influential Scientific Assessment**

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Subject of Review: This document analyzes the potential of fresh commercially packed citrus fruit and associated packing material to serve as a pathway for the introduction of *Xanthomonas citri* subsp. *citri* (Xcc) into new areas of the United States based on a body of evidence presented in an earlier 2007 analysis plus several newly published studies that add to this evidence. It also identifies and evaluates options for regulating the interstate movement of fresh citrus fruit with the goal of reducing the potential for Xcc introduction and spread.

The evaluation reviewed available evidence regarding the biology and epidemiology of Xcc and the management of citrus canker disease and determined that the introduction of Xcc through the movement of commercially packed fresh citrus fruit is unlikely. The evaluation found that although citrus fruit may remain a conceptually possible pathway for transmitting and establishing citrus canker disease, research shows that extreme, artificial conditions are required to successfully transmit the pathogen from infected fruit to a susceptible host, and even under these extreme conditions, transmission is rare. APHIS concluded that commercially packed citrus fruit is not an epidemiologically significant pathway for transmitting and establishing citrus canker disease in regions currently free of Xcc. As a result the analysis evaluates revised risk management options for the interstate movement of fresh commercially packed citrus fruit from regions with citrus canker disease to regions without the disease.

Purpose of Review: The purpose of review is to confirm that the scientific information used in the risk management analysis is accurate and complete and that the logic in making determinations is sound resulting in reasonable conclusions.

Type of Review: [] Panel Review [X] Individual Reviewers
[] Alternative Process (Briefly Explain):

Timing of Review (Est.): Start: 03/04/09 End: 03/31/09 Completed: 03/30/09

Number of Reviewers: [X] 3 or [] 4 to 10 [] More than 10

