

## Peer Review Plan

Title of Review:	Evaluation of asymptomatic citrus fruit (Citrus spp.) as a pathway for the introduction of citrus canker disease ( <i>Xanthomonas axonopodis</i> pv. <i>citri</i> )	<input checked="" type="checkbox"/> ] <b>Influential Scientific Information</b>
Agency:	USDA, Animal and Plant Health Inspection Service	<input type="checkbox"/> ] <b>Highly Influential Scientific Assessment</b>
Agency Contact:	Robert Griffin, APHIS, Plant Protection and Quarantine, Center for Plant Health Science and Technology (919) 855-7512	
Subject of Review:	<p>This document evaluates the risk of the introduction of citrus canker disease via asymptomatic, commercially produced fruit. It discusses the biology and epidemiology of citrus canker and identifies the events required for the disease to be introduced into a new area via commercially produced fruit. The analysis includes a discussion of systems approach methodologies for managing citrus canker based mainly on knowledge and experience with citrus production in Japan and Argentina. The document includes an analysis of the events and overall probability on the likelihood of introduction and the uncertainty associated with this likelihood. The events assessed include the probability of 1) infected fruit being harvested, 2) inoculum surviving the packing/treatment processes, 3) inoculum surviving shipment, 4) infected fruit going to a suitable habitat, and 5) inoculum encountering a suitable host resulting in disease development.</p> <p>This risk assessment has undergone extensive review within APHIS, considering the plant pathology and risk analysis methodologies.</p>	
Purpose of Review:	<p>We anticipate that one or more external peer reviewers will possess an in-depth knowledge of plant pathology including bacterial diseases and citrus canker in particular, thus providing an understanding of the biology and epidemiology being analyzed. This expertise should also extend to the epidemiological aspects of the disease that influence the likelihood of citrus canker being introduced via commercially produced fresh fruit. Additionally, one or more reviewers should be able to evaluate the appropriateness of the risk analysis methodology and provide an overview from a non-regulatory viewpoint. They will not be asked to evaluate a regulatory decision, but rather the quality and completeness of the analysis.</p> <p>Reviewers will be expected to focus on areas such as:</p> <ol style="list-style-type: none"><li>1. The evidence provided and whether the conclusions and inferences are correctly supported by the evidence.</li><li>2. Evaluate the methodology. Is the approach and process appropriate for the analysis?</li><li>3. Are there data or other evidence complete? Have any important data or considerations about the disease or pathway been omitted?</li><li>4. Are all important assumptions identified and uncertainties clearly stated?</li><li>5. Identify any relevant data or evidence not contained in the report.</li><li>6. Evaluate the quality and completeness of the individual components of the analysis.</li><li>7. Comment on whether/where the document is difficult to read or understand.</li></ol>	

Type of Review:  Panel Review  Individual Reviewers

Alternative Process (Briefly Explain):

Timing of Review (Est.): Start: 4-15-06 End: 8-01-06 Completed: 8-22-06

Number of Reviewers:  3 or fewer  4 to 10  More than 10

Primary Disciplines/Types of Expertise Needed for Review: Plant pathology,  
Risk Assessment Methodology

Reviewers selected by:  Agency  Designated Outside Organization  
Organization's Name:

Opportunities for Public Comment?  Yes  No

If yes, briefly state how and when these opportunities will be provided:

How: The public was given an opportunity to comment on the PRA for 60 days via a *Federal Register* notice at approximately the same time the PRA is made available to peer reviewers. Peer reviewers were provided with a copy of the public's comments.

When: Comments obtained from the public as well as peer reviewers, as appropriate, will be incorporated into a subsequent draft PRA which will be available for public comment at the same time a proposed rule is published with a 60 day comment period.

Peer Reviewers Provided with Public Comments?  Yes  No

Public Nominations Requested for Review Panel?  Yes  No

Location of Document Reviewed The draft of the risk assessment, **Evaluation of asymptomatic citrus fruit (*Citrus spp.*) as a pathway for the introduction of citrus canker disease *Xanthomonas axonopodis pv. citri***, is available by clicking on the appropriate choice on the previous higher menu.

Updated 08-29-06

