
International Citrus Canker Research Workshop

The International Citrus Canker Research Workshop is an invitational meeting of leading scientists conducting research on citrus canker, scientists and administrators of state and federal regulatory agencies, and representatives for the commodity groups in the citrus industries of Arizona, California, Florida, and Texas.

Worldwide scientific expertise will be represented at the workshop with scientists from Argentina, Brazil, France, Scotland, Spain, and United States.

These invited scientists are responsible for developing a prioritized list of research recommendations for the Citrus Canker Technical Advisory Task Force (CCTATF).

The CCTATF is a research, regulatory, and industry partnership charged with the ongoing review of the Citrus Canker Eradication Program to recommend the most appropriate course of action to stop the spread, and ultimately eradicate, citrus canker from the State of Florida.

The workshop is being held at the USDA, Agricultural Research Service, U.S. Horticultural Research Laboratory, in Ft. Pierce, Florida.

Steering Committee Co-chairman:

Dr. Tim Gottwald, USDA, Agricultural Research Service

Dr. Laurene Levy, USDA, Animal & Plant Health Inspection Service, Plant Protection & Quarantine

Dr. Wayne Dixon, Florida Department of Agriculture & Consumer Services

Workshop Agenda Day 1

DAY 1: RESEARCH REPORTS – WHAT IS KNOWN

Registration (7:30-8:00 AM)

Welcome/Introduction (8:00 AM) Tim Gottwald

Mission / Goals/ Objectives Andy LaVigne

Housekeeping/Rules of the House Laurene Levy
Wayne Dixon

Economic Analysis of Citrus Canker in Argentina:

Ron Muraro, Fritz Roka and Thomas Spreen

Epidemiology:

Tim Gottwald et al.- Epidemiology in Florida:
Increase and spread

Armando Bergamin-Filho et al. – Epidemiology in
Brazil with and without leaf miner

Survival and Control:

Jim Graham et al. – Control and survival
on various surfaces

Rui Leite, Jr. – Control studies in Brazil

Olivier Pruvost – Control, spread in the tropics and in
nurseries, and unusual strains

Pete Timmer – Survival and control experiments in
Argentina

Nelly Canteros – Control and eradication in Argentina

Jaime Cubero – Methods for detection and
characterization of Xac.

Tim Schubert et al. – Integrating the scientific
perspective into citrus canker eradication
efforts in Florida

Detection and Differentiation:

Xiaoan Sun et al. – Citrus canker detection and
diagnosis in Florida

Bob Stall et al. - Analysis of fatty acid profiles of
Xanthomoads pathogenic to citrus

Jesus Fero - Xanthomonas genomics project – Brazil

Resistance:

John Hartung – Detection of Xanthomonas axonopodis
pv. citri bacteria and differentiation of strains

Dean Gabriel – Canker symptom induction,
knowledge-based resistance and natural
resistance potential of citrus

Workshop Agenda Days 2-3

DAY 2: NEW METHODOLOGIES AND APPROACHES

MODERATED DISCUSSIONS (8:00 AM- 5:30 PM)

Randy Niedz and Wayne Dixon

Remote Sensing and Spectral Analysis:

Chenghai Yang and Marcus Borengasser

Detection Technology

Michael Sylvanen and Michael Koscho

Citrus Breeding and Transformation

Vincente Febres and Jose Chaparro

Genomics and Resistance

John Hartung and Dean Gabriel

Citrus Canker Epidemiology - Methodologies and Approaches

Armando Bergamin-Filho and Gareth Hughes

Chemical Control Methods

Anne Anderson and Pete Timmer

Biological and Cultural Control Methods

Tim Schubert and Rui Leite

DAY 3: ESTABLISH RESEARCH PRIORITIES (8:00 AM - 4:00 PM)

Science panel interaction only

Tim Gottwald, Laurene Levy, and Wayne Dixon

Discussion and Initial Development of “Take Home Goal”:

a prioritized list of research recommendations for the
Citrus Canker Technical Advisory Task Force

Audience Question/Answer Session

Steve Poe and Andy LaVigne

Prioritized List of Citrus Canker Research Recommendations

Directions

Air Travel: Orlando International Airport is ca. 113 miles from the U.S. Horticultural Research Laboratory. Miami International Airport is ca. 133 miles from the laboratory. Map directions will be sent upon request. Please provide your email address (preferred) or mailing address.

Automobile: Arriving from north or south, exit Florida's Turnpike (SR 91) at exit #152 on to Okeechobee Rd (SR 70). Proceed north on North King's Highway (SR 713), turn west on to Research Center Rd., and turn north on to South Rock Rd. The U.S. Horticultural Laboratory will be on the west side of the road.

Hotels: Radisson Beach Resort, North Hutchinson Island has arranged for an 80-room block for the workshop. Phone: 561/465-5544. Our group rate is \$61an evening. Their web site is available at <http://www.radisson.com/ftpiercefl>
Additional local accommodations are available at the following web site:
<http://www.flausa.com/FortPierce/AccList.html>

Meals: Several commodity groups within the Florida Citrus Industry will provide refreshments for the morning and afternoon breaks and lunches for the workshop attendees.

Pre-Workshop Publication: Abstracts of the first day's topics will be available approximately one week prior to the workshop. Please contact Dr. Wayne Dixon if you wish to receive a copy.

There is no registration cost.

International Citrus Canker Research Workshop
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**Mission: development of a prioritized list
of citrus canker research recommendations
for the Citrus Canker Technical Advisory
Task Force**

June 20 - 22, 2000

**USDA, Agricultural Research Service
U.S. Horticultural Research Laboratory
2001 South Rock Rd.
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