



ORGANISATION NORD AMERICAINE POUR LA PROTECTION DES PLANTES  
 NORTH AMERICAN PLANT PROTECTION ORGANIZATION  
 ORGANIZACION NORTEAMERICANA DE PROTECCION A LAS PLANTAS  
 CANADA UNITED STATES MEXICO

## NAPPO Meeting Report

Panel Name:	<b>Potato TAG – <i>Ralstonia solanacearum</i></b>	
Location:	<b>Conference call</b>	
Date:	Sept 23, 2009	
Chairperson	Sean Li – Canada	
Participants:		
Laurene Levy– USA	Sean Li – Canada	Ana Lilia Montealegre – Mexico
Walther Enkerlin–NAPPO	Solke De Boer – Canada	Alberto Flores Olivas– Mexico
Nedelka Marin-Martinez - NAPPO		
<b>Summary</b>		
Issue: 1	Terminology of <i>Ralstonia solanacearum</i> Race/Biovar and Phylotype/Sequevar.	
Consensus:	<p>Different terms are used in grouping <i>R. solanacearum</i> species complex. Race3/Biovar2 is the group of regulatory concern in NAPPO countries. Phylotypell/Sequevar1 is used more recently in scientific literature.</p> <p>US would like to consult among scientists for acceptability of the terminology of Phylotype/sequevar system.</p> <p>Mexico will consult with DGSV for acceptability of the terminology of Phylotype/Sequevar.</p>	
Issue: 2	Determination of diagnostic methodology for <i>R. solanacearum</i> Race 3/ Biovar 2.	
Consensus:	<p>The minimum screening methods in practice in US and Mexico include ELISA and PCR, although ELISA will detect entire species complex rather than the Race3/Biovar2, the regulatory target.</p> <p>NAPPO should consider optional use of conventional or real-time PCR targeting Race3/Biovar2 for the initial screening.</p> <p>Isolation and biotyping are very important for confirmation and positive identification for the Race3/Biovar2 strain.</p>	
Issue 3:	Minimum requirements for identification and detection	
Consensus:	<p>Minimum requirements for detection of <i>R. solanacearum</i> species complex are different from positive identification of <i>R. solanacearum</i> Race3/Biovar2.</p> <p>NAPPO protocol should be an aid in promoting trade among members while remaining effective in serving regulatory objectives</p> <p>Some consensus remains to be reached and will be discussed in further email exchange among TAG-Ralstonia group members.</p>	

Issue 4:	Sample strategy and sample size.
Consensus:	Different criteria in NAPPO countries have been discussed. Members need to consult with their sampling experts to determine the specifics. TAG members will exchange information and ideas through email communication
Issue 5:	The timeline.
Consensus:	The first draft annex will be distributed to members by end of March, 2010. Feedback on issues/concerns will be sent to Canada from Mexico and US by April 9 in advance of the next meeting. Next teleconference will be held on April 20 <sup>th</sup> , 2010