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Biosecurity Advice 2017/20

Final pest risk analysis for '*Candidatus Liberibacter solanacearum*' associated with apiaceous crops

This Biosecurity Advice advises stakeholders of the release of the *Final pest risk analysis for 'Candidatus Liberibacter solanacearum' ('Ca L. solanacearum') associated with apiaceous crops*.

The final pest risk analysis recommends risk management measures that will be adequate to mitigate the risks posed by '*Ca L. solanacearum*' associated with apiaceous propagative material.

The final pest risk analysis takes into account submissions and comments received from stakeholders on the draft report released on 11 December 2015.

The Department of Agriculture and Water Resources (the department) initiated this pest risk analysis in response to the introduction of emergency measures against '*Ca L. solanacearum*' associated carrot seeds and celery/celeriac tissue cultures. The department introduced the emergency measures on apiaceous host propagative material to manage the risk of introducing '*Ca. L. solanacearum*' into Australia.

Biosecurity Advice 2015/23, of 11 December 2015, announced the release of the draft pest risk analysis for '*Ca L. solanacearum*' associated with apiaceous crops for a 45 day consultation period.

This Biosecurity Advice notifies stakeholders of the release of the *Final pest risk analysis for 'Ca L. solanacearum' associated with apiaceous crops*. Comments from stakeholders on the draft pest risk analysis were taken into consideration in preparing the final report.

Since publication of the draft pest risk analysis for '*Ca L. solanacearum*' associated with apiaceous crops, new findings suggest that this bacterium has expanded its natural host range within the Apiaceae family. It has also been detected in seeds of parsley, parsnip and celery/celeriac as well as in two other apiaceous crops: chervil and fennel. As a result, the department recommends extending the emergency measures to include chervil, fennel, parsley and parsnip tissue cultures, and celery/celeriac, parsley and parsnip seeds.

The department considers that the existing emergency measures are adequate to mitigate the risk posed by '*Ca L. solanacearum*' associated with apiaceous crops. The existing emergency measures are recommended to become the standard conditions to import carrot, celery/celeriac, chervil, fennel, parsley and parsnip propagative material into Australia, with some minor amendments. These amendments include the option for small seed lots to be tested off-shore, and the options for tissue cultures to be tested off-shore or on-shore.

The department considers that the risk management measures recommended in the final risk analysis report will address the biosecurity risks associated with '*Ca L. solanacearum*' on apiaceous crops and achieve the appropriate level of protection for Australia.

The final pest risk analysis and information about the risk analysis process are available from the department's [website](#). Printed copies of the report are available, if required.

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