

Mini data sheet on *Potato latent carlavirus*

Added in 1999 - Deleted in 2003

Reasons for deletion:

Potato latent carlavirus has been included in EPPO Alert List for more than 3 years and during this period no particular international action was requested by the EPPO member countries. In 2003, it was therefore considered that sufficient alert has been given and the pest was deleted from the Alert List.

Potato latent carlavirus (a new potato virus)

Why	<i>Potato latent carlavirus</i> came to our attention as it has recently been found on imported <i>in vitro</i> potato plants.
Where	Found in asymptomatic potatoes (<i>Solanum tuberosum</i> cv. Red La Soda) imported from USA as <i>in vitro</i> plants. Detected in 7 other potato cultivar accessions (Pembina Chipper, Pungo, Kanona, Red Pontiac, Purple Chief, Denali, Tejon) at the Vancouver collection of virus-free potatoes in Canada, and in two other cultivars in the US Varietal collection (High Plains, Platte).
On which plants	Potatoes (<i>Solanum tuberosum</i>).
Damage	No symptoms, latent.
Possible identity	A new potato virus tentatively called <i>Potato latent carlavirus</i> .
Note	Two more carlaviruses have been recently discovered: <i>Potato rough dwarf carlavirus</i> from Argentina and <i>Potato virus P</i> from Brazil. More studies are needed on the possible relationships between these carlaviruses.
Pathway	Potatoes from USA.
Possible risks	Potatoes are widely grown in the EPPO region. More data is needed on this virus and other new carlaviruses, on their possible impact on the crop and geographical distribution. This may have implications for the production of virus-free seed potatoes.
Source(s)	Bratney, C.; George, E.; Burns, R.; Goodfellow, H.A.; Jeffries, C.J.; McDonald, J.G.; Badge, J.L.; Foster, G.D. (1998) A newly described carlavirus infecting potato. Abstracts of papers presented at the 7th International Congress of Plant Pathology, Edinburgh, GB, 1998-08-09/16 (Abst. 1.11.33). Bratney, C.; Badge, J.L.; Burns, R.; Foster, G.D.; George, E.; Goodfellow, H.A.; Mulholland, V.; McDonald, J.G.; Jeffries, C.J. (2002) Potato latent virus: a proposed new species in the genus Carlavirus. <i>Plant Pathology</i> , 51(4), 495-505. Goth, R.W.; Ellis, P.J.; de Villiers, G.; Goins, E.W.; Wright, N.S. (1999) Characteristics and distribution of potato latent carlavirus (Red LaSoda) virus in North America. <i>Plant Disease</i> , 83(8), 751-753.
EPPO RS 99/027, 2000/012, 2003/049	
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