



DISEASES AND PESTS OF POTATO Vol. 1

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Video Production and 3D Animation:
STUMM-FILM Dr. Rolf Stumm Medien GmbH, Ludwigsburg, Germany

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1.1 Potato Late Blight – The Disease Cycle of *Phytophthora infestans* (14:00 min)

Late blight caused by the oomycete *Phytophthora infestans* is the most serious disease of potato crops worldwide. As a major culprit of the Irish potato famine in the mid-nineteenth century, late blight has had a tremendous effect on human history. Elucidation of the life cycle of *Phytophthora infestans* by German botanist Anton de Bary is claimed as a founding moment of modern plant pathology.

Using computer animations blended with real-life video and time-lapse photography, this teaching video impressively illustrates the life cycle of *P. infestans*. Your students and extension audiences will gain a clear understanding of the development and epidemiological spread of this fungal-like pathogen and the nature of the devastating disease it causes. All stages of the disease cycle are explained in detail.



First Prize at 29th International AGROFILM Festival 2013

The AGROFILM Festival is organized by the Ministry of
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