



September 2014 PEST Report - THE NETHERLANDS
Confirmation of eradication of *Potato Spindle Tuber Viroid* (PSTVd) at:
- one grower of *Dahlia* sp. in the Netherlands (August 2013)
- one tomato fruit production greenhouse (July 2013)

Introduction

This report concerns the eradication of the first official finding in the Netherlands of *Potato spindle tuber viroid* (PSTVd) in *Dahlia* sp. which was detected at the end of August 2013. PSTVd was found at one grower of *Dahlia* sp. Surveillance records and testing of related lots at other growers revealed no other contaminated lots (see pest report September 2013). All contaminated lots of the grower have been destroyed. An official survey at other growers of *Dahlia* has been completed in the course of 2014, not resulting in any findings. Furthermore eradication of the first finding of PSTVd at a tomato fruit production greenhouse reported in July 2013 is confirmed (see pest report July 2013). Only few plants in one row were affected.

There are no links between both outbreaks, nor is there a link with the recent outbreak in potato breeding material, as based on absence of any links between companies and different geographical locations. Moreover, molecular analysis has confirmed that the PSTVd isolate from *Dahlia* is closely related to an isolate found in *Dahlia* in Japan, which together form a separate clade. The organism is listed as a harmful organism in annex IAI of EU directive 2000/29/EC and is listed on the EPPO A2 list.

Reason for reporting Update pest report: eradication confirmed for tomato and *Dahlia*.

Identity of the pest *Potato spindle tuber viroid* (PSTVd)

Categorization of the pest Quarantine pest EU Annex IAI

Location: Two separate locations in the province of South Holland.

Pest status

Transient in ornamentals. One outbreak in *Dahlia* sp. 2013, eradicated.

Incidental finding in potato (*Solanum tuberosum*) at a breeding company. Under eradication.

Incidental finding in tomato (*Solanum lycopersicum*) fruit production in 2013, eradicated.

Not known to occur in pepper (*Capsicum* L.).

Pest significance

No symptoms are observed on *Dahlia*. See pest reports July and September 2013.

Phytosanitary measures (for *Dahlia*)

All contaminated *Dahlia* sp. lots of the grower have been destroyed. Other remaining lots at the same grower have been put under official control for sale to the final consumer or for flower production. The grower will make use of new planting material from other growers for the following season. Cultivation of *Dahlia* is prohibited in 2014 for the fields used by the grower in 2013. An official survey at other growers of *Dahlia* has been completed in the course of 2014, not resulting in any findings.

References:

NPPO The Netherlands

NPPO pest reports July 2013 and September 2013

(see <http://www.nvwa.nl/onderwerpen/english/dossier/pest-reporting/pest-reports>)