



## May 2014 PEST Report - THE NETHERLANDS

**National Plant Protection Organization**  
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### Findings of *Meloidogyne mali* in trees of *Ulmus* in urban area

#### Introduction

This report concerns recent findings of *Meloidogyne mali* in the Netherlands on *Ulmus* trees *inter alia* in the roots of trees of at least 50 years old in an arboretum, in trial fields for resistance against Dutch elm disease and several lane trees. The harmful organism has probably been introduced at least 50 years ago with *Ulmus* trees from Japan, as part of the resistance breeding programme against *Ceratocystis ulmi*. The organism is not listed as a harmful organism in the EU directive 2000/29/EC and is not listed on any of the EPPO lists. *M. mali* is a polyphagous Asian nematode species parasitizing on several trees, shrubs and herbaceous species. It is a damaging nematode species able to induce large root galls resulting in a malformed root system which probably results in retarded growth of the above ground plant parts and may also influence the stability of the trees. Most likely the organism is already wider distributed in Europe albeit restricted to specific locations.

#### Phytosanitary measures

Actions are foremost aimed at informing municipalities and tree nurseries on the risks of this organism. A specific survey of uprooted plants at all nurseries of *Ulmus* was completed last year, not resulting in any findings. A specific survey will also be completed in 2014 at both nurseries of *Ulmus* and *Malus*. Specific eradication actions will be considered in case of findings at nurseries.

Specific details are included in the attached quick scan (preliminary pest risk analysis).

Reason for reporting First report

Identity of the pest *Meloidogyne mali*

Categorization of the pest none

Location: Several locations in the municipalities of Wageningen and Baarn, lane trees in the Hague.

#### Current Pest status

Present, limited distribution, actionable in case of findings at nurseries.

#### Previous Pest status

Absent.