NAME OF THE ORGANISM: Verticillium albo-atrum (VERTAA)

GENERAL INFORMATION ON THE PEST

Name as submitted in the project specification (if different to the preferred name):

Pest category:

Fungi

Remarks:

V. albo-atrum was recently split into three species, V. albo-atrum sensu stricto (infecting mainly potato), V. alfalfae (infecting alfalfa) and V. nonalfalfae (infecting hops and other crops), for which reliable detection and identification methods exist for each one (EU COM, 2016).
Hops: As a consequence, the only listing of V. nonalfalfae is proposed as RNQP for hops.
Capsicum annuum: The study of Inderbitzin and Subbarao on the genus Verticillium sp. (2014), based on multigene phylogenetic analyses and morphological investigations of a limited number of isolates (i.e. 74 isolates), were not performed on pepper. Therefore it is not possible to state with certainty that Verticillium species from pepper are V. nonalfalfae (as those from other solanaceaous crops). For this reason the evaluation of the pest continue in referring to Verticillium albo-atrum sensu lato.

HOST PLANT N°1: Corylus avellana (CYLAV) for the Fruits (including hops) sector.

**CONCLUSION ON THE STATUS:**

Not evaluated: from the fruit Marketing Directive (see Terms of reference)

HOST PLANT N°2: Cydonia oblonga (CYDOB) for the Fruits (including hops) sector.

**CONCLUSION ON THE STATUS:**

Not evaluated: from the fruit Marketing Directive (see Terms of reference)

HOST PLANT N°3: Fragaria (1FRAG) for the Fruits (including hops) sector.

**CONCLUSION ON THE STATUS:**

Not evaluated: from the fruit Marketing Directive (see Terms of reference)

HOST PLANT N°4: Malus (1MABG) for the Fruits (including hops) sector.

**CONCLUSION ON THE STATUS:**

Not evaluated: from the fruit Marketing Directive (see Terms of reference)

HOST PLANT N°5: Pyrus (1PYUG) for the Fruits (including hops) sector.

**CONCLUSION ON THE STATUS:**

Not evaluated: from the fruit Marketing Directive (see Terms of reference)