NAME OF THE ORGANISM: Erwinia amylovora (ERWIAM)

GENERAL INFORMATION ON THE PEST

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

Pest category:

Bacteria **1- Identity of the pest/Level of taxonomic listing:**
Is the organism clearly a single taxonomic entity and can it be adequately distinguished from other entities of the same rank?

Yes
Is the pest defined at the species level or lower?:

Yes
Can listing of the pest at a taxonomic level higher than species be supported by scientific reasons or can species be identified within the taxonomic rank which are the (main) pests of concern?

* Not relevant: Ornamental sector

Is it justified that the pest is listed at a taxonomic rank below species level?

Not relevant
Conclusion:

* Candidate: Ornamental sector

Justification (if necessary):

Fire blight has been described in nearly 200 plant species, mostly within the family Rosaceae, and within the subfamily Maloideae. The most frequent host genera are Chaenomeles, Cotoneaster, Crataegus, Cydonia, Eriobotrya, Malus, Mespilus, Pyrus, Photinia, Pyracantha, Sorbus and Stranvaesia (EFSA PLH, 2014). This is justified to continue the evaluation of E. amylovora on host plants listed at the genus level. **2 – Status in the EU:**

Is this pest already a quarantine pest for the whole EU?

No
Presence in the EU:

Yes
List of countries (EPPO Global Database):

Austria (2014); Belgium (2015); Bulgaria (2012); Croatia (2007); Cyprus (1990); Czech Republic (2013); Denmark (1987); Estonia (2013); Finland (2014); France (2011); Germany (2013); Greece (2000); Greece/Kriti (1990); Hungary (2012); Ireland (2010); Italy (2013); Italy/Sicilia (1992); Latvia (2014); Lithuania (2010); Luxembourg (1984); Netherlands (2015); Poland (2001); Romania (2011); Slovakia (2005); Slovenia (2003); Spain (2016); Sweden (2008); United Kingdom (2014); United Kingdom/England (2014); United Kingdom/Northern Ireland (2014); United Kingdom/Scotland (2014)
Conclusion:

candidate
Justification (if necessary):

Data of the presence of this pest on the EU territory are available in EPPO Global Database (<https://gd.eppo.int/>).

HOST PLANT N°1: Cydonia (1CYDG) for the Ornamental sector.

Origin of the listing:

IIA2AWG
Plants for planting:

Plants intended for planting, other than seeds **3 - Is the pest already listed in a PM4 standard on the concerned host plant?**

Yes
Conclusion:

Qualified

Justification (if necessary):

PM 4/27 is also suitable for the certification of ornamental plants of Malus, Pyrus and Cydonia. **CONCLUSION ON THE STATUS:**

Recommended for listing as an RNQP, based on EPPO PM 4 Standard. **8 - Tolerance level:**
Is there a need to change the Tolerance level:

No
Proposed Tolerance levels:

Zero tolerance based on visual examination. **9 - Risk management measures:**
Is there a need to change the Risk management measure:

Yes
Proposed Risk management measure:

The proposed measures are without prejudice to additional measures needed to provide the appropriate level of assurance in relation to plants moving into the protected zone or other areas where Erwinia amylovora is recognised as a quarantine organism:
(a) Plants produced in areas known to be free from Erwinia amylovora;
or
(b) The production site has been inspected at an appropriate time during the last growing season and plants showing symptoms, and any surrounding host plants, have been immediately rogued out and destroyed.
Justification (if necessary):

Plants grown in buffer zones for passporting for movement into the protected zone, if this measure is maintained, would meet the requirements of either the first or the second option for movements within the rest of the EU. **REFERENCES:**

* EFSA Panel on Plant Health (PLH) (2014) Scientific Opinion on the pest categorisation of Erwinia amylovora (Burr.) Winsl. et al. EFSA Journal 2014;12(12):3922, 37 pp. doi:10.2903/j.efsa.2014.3922 <http://www.efsa.europa.eu/en/efsajournal/doc/3922.pdf>;
* EPPO (1999) EPPO Standards PM 4/27 (1) Certification schemes. Pathogen-tested material of Malus, Pyrus and Cydonia. Bulletin OEPP/EPPO Bulletin 29, 239-252;
* EU COM (2016) Recommendation of the Working Group on the Annexes of the Council Directive 2000/29/EC – Section II – Listing of Harmful Organisms as regards the future listing of Erwinia amylovora (Burr.) Winsl. et al.;
* Zeller W (1979) Resistance and resistance breeding in ornamentals. Report of the EPPO colloquium on fireblight, Wageningen, 29-30 November 1977. Bulletin OEPP/EPPO Bulletin 9, 35-44;