NAME OF THE ORGANISM: Impatiens necrotic spot tospovirus (Impatiens necrotic spot virus) (INSV00)

GENERAL INFORMATION ON THE PEST

Name as submitted in the project specification (if different to the preferred name):
 
  
Pest category:
 
Viruses and viroids **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):
 
Impatiens necrotic spot tospovirus (INSV) is a single taxonomic entity (genus Tospovirus: family Bunyaviridae). In 2015 it was proposed to change the name of the virus from Impatiens necrotic spot virus to Impatiens necrotic spot tospovirus (ICTV, 2015; Van Regenmortel et al., 2015). It has been ratified in 2016 for all the family of the Bunyaviridae. **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):
 
Belgium (2014); Bulgaria (2011); Czech Republic (2011); Finland (2013); France (2011); Germany (2011); Hungary (2007); Italy (1999); Italy/Sicilia (1998); Netherlands (2015); Poland (1997); Portugal (2011); Slovenia (2011); Spain (2011); United Kingdom (2011); United Kingdom/England (1998)  
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: Impatiens New Guinea hybrids (IPANG) for the Ornamental sector.

Origin of the listing:
 
Ornamental SEWG  
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):
 
The pest is listed in EPPO PM 4/20 Standard for New Guinea hybrids of impatiens. **CONCLUSION ON THE STATUS:**
 
Recommended for listing as an RNQP, based on EPPO PM 4/20 Standard. **8 - Tolerance level:**  
Is there a need to change the Tolerance level:
 
Yes  
Proposed Tolerance levels:
 
Zero tolerance approach, based on visual examination and/or testing. **9 - Risk management measures:**  
Is there a need to change the Risk management measure:
 
Yes  
Proposed Risk management measure:
 
(A) The site of production has been subjected to a monitoring regime and appropriate treatments to ensure effective suppression of populations of relevant thrips vectors (Frankliniella occidentalis);  
AND  
(B) (a) No symptoms of Impatiens necrotic spot tospovirus have been observed on plants at the site of production during the current growing period;  
or  
(b) Any plants at the production site showing symptoms of Impatiens necrotic spot tospovirus during the current growing period have been rogued out and a representative sample of the plants to be marketed has been tested and found free from Impatiens necrotic spot virus.  
Justification (if necessary):
 
Experts considered that visual examination on the marketed material was not sufficient. **REFERENCES:**

* Daughtrey ML, Jones RK, Moyer JW, Daub ME & Baker JR (1997) Tospoviruses strike the greenhouse industry—INSV has become a major pathogen on flower crops. Plant Disease 81, 1220–1230;
* EFSA Panel on Plant Health (PLH) (2012) Scientific Opinion on the pest categorisation of the tospoviruses. EFSA Journal 10, 2772. 4264 pp.;
* Elliott DR, Lebas BSM, Ochoa-Corona FM, Tang J & Alexander BJR (2009) Investigation of Impatiens necrotic spot virus outbreaks in New Zealand. Australasian Plant Pathology 38, 490–495;
* Hausbeck MK, Welliver RA, Derr MA & Gildow FE (1992) Tomato spotted wilt survey among greenhouse ornamentals in Pennsylvania. Plant Disease 76, 795–800;
* Lebas BSM, Ochoa-Corona FM, 2007. Impatiens necrotic spot virus. In: Characterization, diagnosis and management of plant viruses. v 4, Grain crops & Ornamentals, Eds:RaoGP, Bragard C and Lebas BSM.Studium Press, LLC Texas, USA, 221-243;
* ICTV 2015: Implementation of non-Latinized binomial species names in the family Bunyaviridae;
* International Committee on Taxonomy of Viruses (ICTV) (2015) Implementation of non-Latinized binomial species names in the family Bunyaviridae.
* Van Regenmortel MH, Burke DS, Calisher CH, Dietzgen RG, Fauquet CM, Ghabrial SA, Jahrling PB, Johnson KM, Holbrook MR, Horzinek MC, Keil GM, Kuhn JH,
* Verhoeven TJ & Roenhorst JW (1998) Occurrence of tospoviruses in the Netherlands. Proceedings of the Fourth International Symposium on Tospoviruses and thrips in Floral and Vegetable Crops, Wageningen, Netherlands. 77-80;