NAME OF THE ORGANISM: Dickeya\* (Wet rot) (1DICKG\*)

GENERAL INFORMATION ON THE PEST

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

Wet rot
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?:

No
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?

* Yes: Seed potato sector

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

Not relevant
Conclusion:

* Not evaluated: Seed potato sector

Justification (if necessary):

As wet rot symptoms (caused by Pectobacterium and Dickeya) are associated to a bacterial species complex, as these bacteria cause similar damage, as the work on species identification is still in progress, experts concluded that a listing at the Genus level (Pectobacterium and Dickeya) is more appropriate. **2 – Status in the EU:**

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

No
Presence in the EU:

Yes
Conclusion:

candidate
Justification (if necessary):

Dickeya chrysanthemi is present in more than 16 EU Member States (EPPO Global Database). D. solani is present in the Netherlands and Finland (Euphresco, 2015). D. dianthicola is present in more than 7 EU Member States (EPPO Global Database). D. dadantii is reported in Germany and require further investigation, since these would be the first reports of these species on potato in Europe (Toth et al., 2011). Distinct genotypes of D. zeae were recently isolated from river water in Scotland and England, but have not yet been found on potato in Europe (Toth et al., 2011).

HOST PLANT N°1: Solanum tuberosum (SOLTU) for the Seed potato sector.

Origin of the listing:

5 - Seed potato sector: Council Directive 2002/56/EC
Plants for planting:

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

Yes
Conclusion:

Qualified

Justification (if necessary):

Pest already listed in the EPPO PM 4 Standard under the dry/wet rot symptoms. See Blackleg for a complete evaluation of the RNQP Status. **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:

 **9 - Risk management measures:**
Is there a need to change the Risk management measure:

No
Proposed Risk management measure:

 **REFERENCES:**

* UNECE (2014) UNECE Standard S-1 concerning the marketing and commercial quality control of Seed Potatoes. UNECE Guide to Seed Potato Diseases, Pests and Defects. Available at <http://www.unece.org/tradewelcome/steering-committee-on-trade-capacity-and-standards/tradeagr/brochures-and-publications/potato-diseases-and-pests.html>;