NAME OF THE ORGANISM: Bruchus pisorum (BRCHPI)

GENERAL INFORMATION ON THE PEST

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

Pest category:

Insecta **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: Vegetable seed sector

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

Not relevant
Conclusion:

* Candidate: Vegetable seed sector

**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):

The pest is present worldwide (Canadian Grain Commission, 2013), and in all EU Member States (Fauna Europaea, 2017).

HOST PLANT N°1: Phaseolus vulgaris (PHSVX) for the Vegetable seed sector.

Origin of the listing:

1 - Vegetable seed sector: Council Directive 2002/55/EC
Plants for planting:

Seeds **3 - Is the pest already listed in a PM4 standard on the concerned host plant?**

No
Conclusion:

Evaluation continues **4 - Are the listed plants for planting the main\* pathway for the "pest/host/intended use" combination? (\*: significant compared to others):**

No
Conclusion:

Not candidate

Justification:

No references to evidence of infestation of seeds of Phaseolus vulgaris by Bruchus pisorum could be found. Bruchus pisorum (L.) reproduces only on pea, though there is evidence they feed on flowers of faba bean (Vicia faba) and beans (Phaseolus vulgaris) (Annis & O'Keeffe, 1984). **CONCLUSION ON THE STATUS:**

Disqualified: Bruchus pisorum (L.) reproduces only on pea. **8 - Tolerance level:**
Is there a need to change the Tolerance level:

No
Proposed Tolerance levels:

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

No
Proposed Risk management measure:

Delisting. **REFERENCES:**

* Annis B & O'Keeffe LE (1984) Effect of pollen source on oogenesis in the pea weevil, Bruchus pisorum L. (Coleoptera: Bruchidae). Protection Ecology 6, 257-266;
* Fauna Europaea (2017) Bruchus pisorum. All European animal species online. Museum für naturkunde, Berlin. Available online at <http://www.fauna-eu.org/cdm_dataportal/taxon/5036cbcf-d15c-4565-b03b-780580236fe8>;