NAME OF THE ORGANISM: Burkholderia gladioli pv. gladioli (Pseudomonas gladioli) (PSDMGD)

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, Vegetable propagating and planting material (other than seeds) sector

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

Yes
Conclusion:

* Candidate: Ornamental sector, Vegetable propagating and planting material (other than seeds) sector

Justification (if necessary):

The species Burkholderia gladioli is sub-divided into two pathovars: pv. gladioli and pv. allicola and these pathovars are both specific to their hosts. As a consequence, a listing of this pest below the species level is justified. **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 in Austria, Belgium, Czech repbulic, Finland, France, Germany, Italy, Netherlands and Romania (CABI, 2008).

HOST PLANT N°1: Allium cepa (ALLCE) for the Vegetable propagating and planting material (other than seeds) sector.

Origin of the listing:

RNQP Questionnaire
Plants for planting:

Plants intended for planting **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:

Slippery skin of onion reported long, sucken, white lesions on seed stalks and leaves and a stalk rot and inflourescence decay in seed crops. Moisture, irrigation water and irrigation management are the most important factors of an epidemic (Compendium of Onion and Garlic Diseases, 2008). Moreover there is no evidence of an important role for plants for planting. Therefore plants for planting are not considered to be the main pathway. **CONCLUSION ON THE STATUS:**

Disqualified: no evidence of an important role for plants for planting. Conditions in field are a more important factor. **8 - Tolerance level:**
Is there a need to change the Tolerance level:

No
Proposed Tolerance levels:

Not recommended for the RNQP status. **9 - Risk management measures:**
Is there a need to change the Risk management measure:

No
Proposed Risk management measure:

Not recommended for the RNQP status. **REFERENCES:**

* CABI (2008) Distribution map for Burkholderia gladioli pv. gladioli (Severini). Distribution Maps of Plant Diseases No. 1017 (Edition 1);
* Compendium of Onion and Garlic Diseases (2008) Second edition. The American Phytopathological Society;

HOST PLANT N°2: Allium porrum (ALLPO) for the Vegetable propagating and planting material (other than seeds) sector.

Origin of the listing:

RNQP Questionnaire
Plants for planting:

Plants intended for planting **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:

Allium porrum is not reported as a significant host and no references could be found during a literature search for Pseudomonas gladioli on A. porrum. **CONCLUSION ON THE STATUS:**

Disqualified: Allium porrum is not reported as a significant host. **8 - Tolerance level:**
Is there a need to change the Tolerance level:

No
Proposed Tolerance levels:

Not recommended for the RNQP status. **9 - Risk management measures:**
Is there a need to change the Risk management measure:

No
Proposed Risk management measure:

Not recommended for the RNQP status. **REFERENCES:**

* CABI (2008) Distribution map for Burkholderia gladioli pv. gladioli (Severini). Distribution Maps of Plant Diseases 2008 Map No. 1017 (Edition 1);

HOST PLANT N°3: Gladiolus (1GLAG) for the Ornamental sector.

**CONCLUSION ON THE STATUS:**

Not evaluated: This pest/host combination was not identified by any EU MS in the RNQP questionnaire as requiring a revision of current thresholds and or a revision of current management measures. This pest/host combination was not identified by the experts of the ornamental SEWG as being a candidate for the RNQP status with specific tolerance levels and/or specific risk management measures. Experts recommended that this pest/host combination should be covered in the future by the 'substantially free from' requirement that will remain in the EU Marketing Directives for ornamentals.