

An Overview **RSPM 12**: Preparation of Petitions for First Release of Non-indigenous Entomophagous Biological Control Agents

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Biological control:

...it's all about knowing your enemies and squashing them like with bugs !



IFA / Phorid Flies



EAB / Tetrastichus planipennisi



Why are permit petitions necessary?

Allows NPPOs to assess and reduce risks!!

- Are you releasing what you say you are releasing and nothing more?
- ✓ Does the new BC agent only attack what you say it will attack?
- ✓ Is there any evidence that the new BC agent will actually have a significant impact on the pest?





Scope of RSPM 12:

Guidelines are intended to assist in drafting a petition for release of non-indigenous biological control agents of insect pests.

- ✓ identify key information to include in petition
- ✓ inform the NPPO of information gaps
- assist reviewers and regulators in assessing the risk of introductions



- **1. Proposed Action**
- 2. Target Pest Information
- 3. Biological Control Agent Information
- 4. Host-Specificity Testing
- 5. Environmental and Economic Impacts of the Proposed Release
- 6. Post-Release Monitoring
- 7. Pre-Release Compliance





- **1. Proposed Action**
 - ✓ purpose of release
 - ✓ need for release
 - \checkmark who's going to what, when and where
- 2. Target Pest Information
 - 🗸 taxonomy
 - biology
 - impacts
 - distribution







- 3. Biological Control Agent Information
 - ✓ where was it collected
 - 🗸 taxonomy
 - ✓ biology, impacts on target pest
 - ✓ past uses in BC







General information requirements to include in a petition:

- 4. Host-Specificity Testing
 - ✓ selecting non-target list
 - ✓ quarantine testing
 - \checkmark host data from around the world





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- 5. Environmental and Economic Impacts of the Proposed Release
 - known impacts on pest, related non-targets, environment, humans
 - ✓ contingency plans







- 6. Post-Release Monitoring
 - ✓ establishment
 - ✓ spread
 - ✓ impacts- target/non-target







General information requirements to include in a petition:

- 7. Pre-Release Compliance
 - ✓ reference specimens
 - ✓ anticipated timing and location of first releases



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RSPM 12: First release of entomophagus BC agents

THANK YOU!



Questions?? ¿Preguntas?

