

**USDA/APHIS**  
**National Plant Board FRSMP Petition Template**

**Scientific name:**

Order / Family

Common Name(s):

Synonym(s):

**Absence or limited distribution:** Provide reasonable evidentiary documentation such as comprehensive surveillance data or scientific and academic literature.

**Biology:** Provide pertinent information on how the pest is behaving in the United States. Provide references.

**Domestic distribution:** Provide a list of states where your pest occurs in states in the United States. Use the IPPC ([2007](#)) definition of establishment, which is: “Perpetuation, for the foreseeable future, of a **pest** within an **area** after **entry** [FAO, 1990; revised FAO, 1995; IPPC, 1997; formerly **established**].” Provide references.

**Host range:** Provide a list of hosts that are of importance to the State arranged by plant family (*e.g.*, **Family** - *Scientific name* (common name), **Family** - *Scientific name* (common name) (references)). Provide specific notes (if any) in a separate paragraph (*e.g.* highlighting primary hosts, explaining discrepancies in host data...). Provide references.

**Potential pathways of introduction:** Provide information on any means (*e.g.*, importation of a host, interstate trade, smuggling, natural spread, a hurricane) that would allow the continued introduction of the pest into the state, or further facilitate the pest’s introduction to the state. Indicate the likelihood that your pest will follow an open pathway. Provide references.

**Potential economic/environmental impacts:** Describe the potential economic and/or environmental impacts as they apply to your state. Consider the following questions for economic impact: Does the pest cause major or minor damage anywhere in the world? Is this pest causing damage in the United States? Does the pest reduce crop yields, and, if so, by how much? Does the pest reduce crop quality? What is the economic value of impacted crops in your state? Check the [National Agricultural Statistic Service](#) for the latest U.S. value of production. Is the pest likely to have negative indirect impacts on tourism, human, or animal health (*e.g.*, the pest kills palm trees that are important for tourism, the pest or its metabolic products are toxic to humans and live stock, the pest causes allergies...)? Is the pest likely to have negative indirect impacts on human use (*e.g.*, the pest degrades the aesthetic value of recreational areas; it interferes with hunting, fishing, or animal grazing.). Is the presence of this pest likely to close foreign or domestic markets? Is there any indication that the pest may limit foreign or domestic movement of potentially infested or infected commodities? Consider the following questions for environmental impact: Is the pest likely to attack federally listed threatened or endangered plants? Check the U.S. Fish and Wildlife Service’s [Threatened and Endangered Species System](#) (TESS). If the TESS lists a plant in a genus that your pest uses as a host, and researchers have not confirmed host status, assume the listed plant is a host. Is the pest likely to reduce or eliminate a native plant that plays a major role in maintaining or defining a native ecosystem (*i.e.*, a keystone species)? Is the pest’s introduction likely to stimulate new chemical or biological control programs? When answering the previous question, consider whether existing programs would control your pest. Check [USDA Crop Profiles](#) for information

on existing control programs. Note that classical biological control would by definition impact biodiversity because it introduces another exotic organism. Refer to ISMP No. 5 Supplement No. 2 of the IPPC (2007) Glossary of Phytosanitary Terms (Attachment 1) and section 2.3 of [ISPM No. 11](#) (Attachment 2) for further guidance. Provide references.

**Detection and control:** Describe the monitoring, survey and control methods and protocols that will be used in the state regulatory program. Provide references.

**State/local/Tribal phytosanitary regulations:** Provide evidence that State/local/Tribal regulatory authority exists to restrict activities and articles that facilitate the movement the pests. If the regulatory quarantine is current, provide a copy of the State/local/Tribal mandatory quarantine regulations associated with pest management programs, testing protocols (if applicable), and other related actions recently taken to maintain pest freedom or contain pest distribution. If no State/local/Tribal regulations are currently in place, what steps are being taken to establish state-based regulations?

**References:** Consult the [U.S. Government Printing Office Style Manual](#), if you have style questions (*e.g.*, capitalization, grammar, punctuation...).

**Author(s):** Type the names of all authors and their affiliation. If there is only one author, then delete the (s) after Author.

**Websites referenced in this document:**

IPPC Adopted Standards - [https://www.ippc.int/index.php?id=ispms&no\\_cache=1&L=0](https://www.ippc.int/index.php?id=ispms&no_cache=1&L=0)

National Agricultural Statistical Service - <http://www.nass.usda.gov/>

Threatened and Endangered Species System - [http://ecos.fws.gov/tess\\_public/](http://ecos.fws.gov/tess_public/)

USDA Crop Profiles - [http://www.ipmcenters.org/cropprofiles/CP\\_form.cfm](http://www.ipmcenters.org/cropprofiles/CP_form.cfm)

U.S. Government Printing Office Style Manual - <http://www.gpoaccess.gov/stylemanual/>

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