Proposed Rules

This section of the FEDERAL REGISTER contains notices to the public of the proposed issuance of rules and regulations. The purpose of these notices is to give interested persons an opportunity to participate in the rule making prior to the adoption of the final rules.

DEPARTMENT OF AGRICULTURE

Animal and Plant Health Inspection Service

7 CFR Parts 318 and 319
[Docket No. APHIS–2006–0077]
RIN 0579–AD32

South American Cactus Moth; Territorial and Import Regulations

AGENCY: Animal and Plant Health Inspection Service, USDA.

ACTION: Proposed rule.

SUMMARY: We are proposing to amend the Hawaiian and territorial quarantine regulations to prohibit the movement of South American cactus moth host material, including nursery stock and plant parts for consumption to the mainland and Guam from Hawaii, Puerto Rico, and the U.S. Virgin Islands, and to allow South American cactus moth host material to be moved among Hawaii, Puerto Rico, and the U.S. Virgin Islands. We are also proposing to amend the foreign quarantine regulations to prohibit the importation of South American cactus moth host material, including nursery stock and plant parts for consumption, from any country or portion of a country infested with South American cactus moth. These actions would help prevent the introduction or spread of South American cactus moth into noninfested areas of the United States, relieve unnecessary restrictions on movement of host material among infested areas of the United States, and provide consistency to the regulations.

DATES: We will consider all comments that we receive on or before April 25, 2011.

ADDRESSES: You may submit comments by either of the following methods:


Postal Mail/Commercial Delivery: Please send one copy of your comment to Docket No. APHIS–2006–0077, Regulatory Analysis and Development, PPD, APHIS, Station 3A–03.8, 4700 River Road Unit 118, Riverdale, MD 20737–1238. Please state that your comment refers to Docket No. APHIS–2006–0077.

Reading Room: You may read any comments that we receive on this docket in our reading room. The reading room is located in room 1141 of the USDA South Building, 14th Street and Independence Avenue SW., Washington, DC. Normal reading room hours are 8 a.m. to 4:30 p.m., Monday through Friday, except holidays. To be sure someone is there to help you, please call (202) 690–2817 before coming.

Other Information: Additional information about APHIS and its programs is available on the Internet at http://www.aphis.usda.gov.

FOR FURTHER INFORMATION CONTACT: Dr. Robyn Rose, National Program Lead, Emergency and Domestic Programs, PPQ, APHIS, 4700 River Rd. Unit 26, Riverdale, MD 20737–1236; (301) 734–7121.

SUPPLEMENTARY INFORMATION:

Background

The South American cactus moth (Cactoblastis cactorum) is a grayish-brown moth with a wingspan of 22 to 35 millimeters (approximately 0.86 to 1.4 inches) that is indigenous to Argentina, southern Brazil, Paraguay, and Uruguay. It is a serious quarantine pest of Opuntia spp., and occasional pest of Nopalea spp., Gyldendopuntia spp., and Consolea spp., four closely related genera of the family Cactaceae. All plant parts, except seeds, of these species can be infested with South American cactus moth. After an incubation period following mating, the female South American cactus moth deposits an egg stick resembling a cactus spine on the host plant. The egg stick, which consists of 70 to 90 eggs, hatches in 25 to 30 days, and the larvae bore into the cactus pad to feed, eventually hollowing it out and killing the plant. Within a short period of time, the South American cactus moth can destroy whole stands of cactus. Since the South American cactus moth larvae are internal feeders, they are difficult to detect during normal inspection.

In the 1920s, the South American cactus moth was introduced into Australia and other areas as a biological control agent of invasive prickly pear cactus (Opuntia spp.). Its success led to its introduction into the Caribbean and Hawaii in the 1950s. In 1989 it was detected in southern Florida. More recently, South American cactus moth has been discovered in other parts of Florida, as well as in Alabama, Georgia, Louisiana, Mississippi, and South Carolina, and it continues to spread north and west.

The Southwest United States and Mexico are home to 114 native species of Opuntia, which are highly valuable for their ecological and agricultural uses. The rooting characteristics of Opuntia spp. reduce wind and rain erosion, encouraging the growth of other plants in degraded areas. In addition, many species of birds, mammals, reptiles, and insects eat, nest in, or otherwise rely on Opuntia spp. for survival. Opuntia spp. are also important sources of food, medicine, cosmetics, and dye. In Mexico, Opuntia spp. are an important agricultural commodity, comprising 1.5 percent of total agricultural production and representing 2.5 percent of the value of agricultural production. In the Southwest United States, Opuntia spp. are only a minor agricultural crop, but are popular plants in the landscaping and ornamental nursery industries. Opuntia spp. can also be an important source of emergency forage for cattle grazing during periods of drought. If the South American cactus moth were to spread to these areas, there would be significant environmental and economic damage.

In a final rule published in the Federal Register on June 8, 2009 (74 FR 27071–27076, Docket No. APHIS–2006–0153), and effective July 8, 2009, the Animal and Plant Health Inspection Service (APHIS) established regulations quarantining the States of Alabama, Florida, Georgia, Mississippi, and South Carolina, and restricting the movement of South American cactus moth host material from those States to prevent the artificial dissemination of the South American cactus moth into noninfested areas of the United States. In addition, in an interim rule published in the Federal Register and effective on July 15, 2010 (75 FR 41073–41074, Docket No. APHIS–2010–0037), we added Louisiana to the list of States.
quarantined due to the presence of South American cactus moth. APHIS, in cooperation with the Agricultural Research Service and funding provided by the Government of Mexico, is continuing to test and implement a sterile insect release program along the U.S. Gulf Coast. In support of our sterile insect program and domestic regulations and to make our regulations for the importation and interstate movement of South American cactus moth host material consistent, we are proposing to amend our territorial and import regulations to restrict the movement of South American cactus moth host material into the continental United States.

Hawaiian and Territorial Regulations

The regulations in 7 CFR part 318 (referred to below as the Hawaiian and territorial regulations) govern the movement of plants and plant products, for consumption and propagation, from Hawaii and from Guam, Puerto Rico, the U.S. Virgin Islands, the Commonwealth of the Northern Mariana Islands, and all other U.S. territories and possessions between themselves and into the continental United States. In addition, the name and origin of all fruits and vegetables authorized movement under 7 CFR part 318, as well as the applicable requirements for their movement, may be found in the fruits and vegetables manuals for Hawaii and Puerto Rico.¹

The Hawaiian and territorial regulations currently restrict the movement of all cactus plants or parts thereof from Hawaii, Puerto Rico, and the U.S. Virgin Islands, which are known to be infested with South American cactus moth. Specifically, the regulations in § 318.13–1 prohibit the interstate movement of all cut flowers and fruits and vegetables and plants and portions of plants from Hawaii, which includes cactus plants or parts thereof, unless they are specifically approved for interstate movement or frozen or processed to sufficiently preclude the survival of any pests in accordance with §§ 318.13 and 318.14, respectively. The regulations in § 318.13–16 limit the interstate movement of all cactus plants or parts thereof from Puerto Rico and the Virgin Islands to those cactus plants that are bare-rooted or grown in an approved growing medium listed in § 318.13–2 and that are treated in accordance with 7 CFR part 305.²

However, the only treatment listed in the PPQ Treatment Manual for pests of cactus that feed internally is T201-f-2, a treatment for borers and soft scales that consists of fumigation using methyl bromide. There is no data to support the effectiveness of this treatment against South American cactus moth.

As stated in § 305.3, APHIS may add, revise, or remove a treatment schedule if necessary by publishing a notice informing the public of the reasoning behind the addition, revision, or removal, and taking comment on the action. Following the comment period, we will consider comments received on the notice and publish a followup notice announcing our determination with regard to the action. In accordance with that process, we are proposing to amend the PPQ Treatment Manual by adding the words “(other than South American cactus moth (Cactoblastis cactorum))” after the word “borers” under the heading “Pest” in treatment schedule T201-f-2.

Except as otherwise noted, the interstate movement of all cactus plants or parts thereof from Hawaii is currently prohibited and the interstate movement of cactus plants or parts thereof from Puerto Rico and the U.S. Virgin Islands is restricted unless the cactus plant is grown in approved growing media and treated in accordance with 7 CFR part 305. Since these requirements were put into place, we have determined that South American cactus moth does not infest all species of cactus. Therefore, we are proposing to amend the table in paragraph (a) of § 318.13–16 by removing the entries for cactus moving interstate from Puerto Rico and the U.S. Virgin Islands. We would amend the Puerto Rico fruits and vegetables manual to indicate that the interstate movement of South American cactus moth host cacti to the mainland United States is prohibited. We are also proposing to amend the fruits and vegetables manuals for Hawaii and Puerto Rico to allow cacti that are not South American cactus moth hosts to be moved between Hawaii and the continental United States and between Puerto Rico, the U.S. Virgin Islands, and the continental United States.

In addition, as Hawaii, Puerto Rico, and the U.S. Virgin Islands are already infested with South American cactus moth, there is no reason to prohibit the movement of South American cactus moth host plants or parts among these areas. Therefore, we are also proposing to amend the fruits and vegetables manuals for Hawaii and Puerto Rico to allow South American cactus moth host plants and plant parts to be moved between these areas without restriction. Finally, we are proposing to amend the fruits and vegetables manuals for Hawaii and Puerto Rico by removing the obsolete term “cactus borer” in reference to C. cactorum and replacing it with the current term “South American cactus moth.”

These changes are necessary because Hawaii, Puerto Rico, and the U.S. Virgin Islands are infested with South American cactus moth and there is no control program for South American cactus moth in those areas. In addition, there is no trade or anticipated trade of South American cactus moth host material among Hawaii and the territories or between Hawaii and the territories and the mainland United States.

Importation of Plants for Propagation

The regulations in 7 CFR part 319 (referred to below as the import regulations) govern the movement into the United States from all foreign countries, of plants and plant products for consumption and propagation. The regulations in §§ 319.37 through 319.37–14 govern the importation of plants and plant products, including nursery stock, for propagation. The import regulations in § 319.37–2(b)(5) currently prohibit the importation of all cactus cuttings for propagation, without roots or branches, that are greater than 153 millimeters (approximately 6 inches) in diameter or greater than 1.2 meters (approximately 4 feet) in length from all countries except Canada unless imported by the United States Department of Agriculture for scientific or experimental purposes under the conditions in § 319.37–2(c). APHIS further prohibits in § 319.37–2(b)(6) the importation of all cactus plants for propagation, from all countries, except Canada, that exceed 460 millimeters (approximately 18 inches) in length from the soil line to the farthest terminal


The presence of South American cactus moth in these countries was confirmed by literature from the European and Mediterranean Plant Protection Organization, the International Atomic Energy Agency, and the Centre for Agricultural Bioscience International.
This proposed rule contains no new information collection or recordkeeping requirements under the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.).

List of Subjects
7 CFR Part 318

7 CFR Part 319
Coffee, Cotton, Fruits, Imports, Logs, Nursery stock, Plant diseases and pests, Quarantine, Reporting and recordkeeping requirements, Rice, Vegetables.

Accordingly, we are proposing to amend 7 CFR parts 318 and 319 as follows:

PART 318—STATE OF HAWAII AND TERRITORIES QUARANTINE NOTICES
1. The authority citation for part 318 continues to read as follows:

§318.13–6 [Amended]
2. In §318.13–16, the table in paragraph (a) is amended under Puerto Rico and U.S. Virgin Islands by removing the entries for “Cactus”.

PART 319—FOREIGN QUARANTINE NOTICES
3. The authority citation for part 319 continues to read as follows:

4. In §319.37–2, paragraph (a), the table is amended by adding, in alphabetical order, new entries for Consolea spp., Cylindropuntia spp., Nopalea spp., and Opuntia spp. to read as follows:

§ 319.37–2 Prohibited articles.
(a) * * *

Prohibited article (includes seeds only if specifically mentioned) Foreign places from which prohibited Plant pests existing in the places named and capable of being transported with the prohibited article

| * * * * * | Antigua, Argentina, Ascension Island, Australia, Bahamas, Botswana, Brazil, Cayman Islands, Cuba, Dominican Republic, Dominica, Guadeloupe, Haiti, Jamaica, Lesotho, Mauritius, Montserrat, Namibia, Nevis, New Caledonia, Paraguay, South Africa, St. Helena, St. Lucia, St. Vincent, St. Kitts, Tanzania, Uruguay, Republic of Zimbabwe. |
| * * * * * | Consolea spp. ................. Cactoblastis cactorum (South American cactus moth). |
| * * * * * | Cylindropuntia spp. ............ Cactoblastis cactorum (South American cactus moth). |
| * * * * * | Nopalea spp. ................... Cactoblastis cactorum (South American cactus moth). |
| * * * * * | Opuntia spp. .................... Cactoblastis cactorum (South American cactus moth). |

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Done in Washington, DC, this 16th day of February 2011.

Kevin Shea,
Acting Administrator, Animal and Plant Health Inspection Service.

DEPARTMENT OF ENERGY
[Docket ID: DOE–HQ–2010–0002]
10 CFR Part 1021
RIN 1990–AA34
National Environmental Policy Act Implementing Procedures
ACTION: Proposed rule; re-opening of public comment period.

SUMMARY: The U.S. Department of Energy (DOE) is re-opening the public comment period for proposed amendments to its regulations governing compliance with the National Environmental Policy Act (NEPA), made available for public comment on January 3, 2011 (76 FR 214). This is being done in response to a request on behalf of multiple organizations.

DATES: The public comment period ended on February 17, 2011. The comment period is being re-opened and will close on March 7, 2011.