

**FEDERAL QUARANTINE ORDER**  
**Importation of Cut Flowers from the Netherlands;**

**December 20, 2010**

The purpose and goal of this Federal Order is to prevent the entry or introduction of the quarantine pests *Helicoverpa armigera* (Cotton bollworm), *Mamestra brassicae* (Cabbage moth), and *Autographa gamma* (Silver-Y moth) as well as several other quarantine pests listed in the appendix. The Cotton bollworm, Cabbage moth and Silver-Y moth are harmful plant pests which spread via host commodities imported from foreign countries where these pests are currently present. These three pests are not known to occur in the United States. This Federal Order is issued pursuant to the regulatory authority provided by the Plant Protection Act of June 20, 2000, as amended, Section 412(a), 7 U.S.C. 7712(a), which authorizes the Secretary of Agriculture to prohibit or restrict the importation, entry, exportation or movement in interstate commerce of any plant, plant product, biological control organism, noxious weed, article or means of conveyance, if the Secretary determines that the prohibition or restriction is necessary to prevent the introduction into the United States or the dissemination of a plant pest or noxious weed within the United States.

Three lepidopteran plant pests of the family Noctuidae have been intercepted numerous times upon cut flowers exported from the Netherlands. These plant pests are known to feed upon a wide range of hosts.

*Helicoverpa armigera* is a pest of major importance in most areas where it occurs. It damages a wide variety of food, fiber, oilseed, fodder and horticultural crops, with the greatest damage to cotton, tomato, maize, alfalfa and tobacco.

*Mamestra brassicae* is a serious pest of concern on *Brassica spp.* crops and can also be a serious pest on legumes, lettuce, spinach, beets, tomato, potato, onion and grape.

*Autographa gamma* is a destructive and migratory insect that feeds on more than 200 different plant species including *Brassica spp.*, cotton, grape, legumes, tomato, potato, alfalfa and corn.

This quarantine action is necessary because the Administrator of the Animal and Plant Health Inspection Service (APHIS) has determined that the introduction and establishment of Cotton bollworm, Cabbage moth, or Silver-Y moth would pose a serious threat to several economically important food, fiber, fodder and horticultural crops grown in the United States. None of these insects, or those listed in the appendix, are currently known to be established in North America. Cut flowers may pose a pathway when they are present in the environment for a variety of purposes, including funeral displays, and when they are discarded in the environment in mulch piles or refuse heaps.

After conducting an analysis of pest interception data for cut flowers from the Netherlands, we have determined that cut flowers originating from and/or exported from the Netherlands are a pathway for numerous pests, (see Appendix), and pose a high risk of introduction into the United States.

Therefore, the APHIS Administrator has determined that all admissible cut flowers exported from the Netherlands, (including cut flowers from the Netherlands exported from a third country), must meet one of the following requirements:

- All cut flowers exported directly from the Netherlands into the U.S. must be accompanied by a Phytosanitary Certificate from the Netherlands certifying the country of origin and that the cut flowers have been inspected and are considered to be free from quarantine pests.
- All cut flowers originally from the Netherlands that have been imported into a third country before entry into the U.S. must be accompanied by 1) a Phytosanitary Certificate issued by the third country certifying the country of origin and that the regulated articles have been inspected and are considered to be free from quarantine pests, or 2) a Re-Export Phytosanitary Certificate if accompanied by an original Phytosanitary Certificate from the Netherlands. Either of these options is valid as long as all applicable APHIS import requirements for the Netherlands and for the exporting country have been met.

The phytosanitary certificate requirement may be waived by APHIS for cut flowers determined by the Administrator to present a low risk of pest introduction based on review of interception records and other information available to the Administrator.

This Federal Import Quarantine Order is effective the 20th day of January 2011.

**APPENDIX**  
**Quarantine Pests intercepted on Cut Flowers from the**  
**Netherlands**

FAMILY	TAXON
Noctuidae	<i>Helicoverpa armigera</i>
Noctuidae	<i>Mamestra brassicae</i>
Noctuidae	<i>Autographa gamma</i>
Noctuidae	<i>Spodoptera littoralis</i> (Boisduval)
Noctuidae	<i>Spodoptera litura</i> (Fabricius)
Chrysomelidae	<i>Chaetocnema tibialis</i> (Illiger)
Chrysomelidae	<i>Oulema gallaeciana</i> (Heyden)
Miridae	<i>Lygus gemellatus</i> (Herrich-schaeffer)
Miridae	<i>Lygus maritimus</i> (Wagner)
Miridae	<i>Lygus pratensis</i> (Linnaeus)
Miridae	<i>Pinalitus conspurcatus</i> Reuter
Pseudococcidae	<i>Delottococcus proteae</i> (Hall)
Pseudococcidae	<i>Phenacoccus hakeae</i> Williams
Pseudococcidae	<i>Phenacoccus stelli</i> (Brain)
Thripidae	<i>Scirtothrips aurantii</i> Faure
Thripidae	<i>Thrips angusticeps</i> Uzel
Thripidae	<i>Thrips major</i> Uzel
Hygromiidae	<i>Xeropicta krynickii</i> (Krynicky)
Hyphomycetes	<i>Chalara urceolata</i> Nag Raj & W.B. Kendr.
Hyphomycetes	<i>Helicosingula leucadendri</i> P.S. van Wyk, Marasas, Baard & Knox-Dav.
Hyphomycetes	<i>Pseudocercospora protearum</i> var. <i>leucadendri</i> (Cooke) U. Braun & Crous
Pucciniaceae	<i>Uromyces maireanus</i> P. Syd. & Syd.
Pucciniaceae	<i>Uromyces transversalis</i>