

United States Department of Agriculture
 Animal and Plant Health Inspection Service
 4700 River Road
 Riverdale, MD 20737

Permit to Move Live Plant Pests, Noxious Weeds, and Soil
 Interstate Movement
Regulated by 7 CFR 330

This permit was generated electronically via the ePermits system

PERMITTEE NAME:	Melissa Mitchum	PERMIT NUMBER:	P526P-15-01976
ORGANIZATION:	University of Missouri	APPLICATION NUMBER:	P526-150218-026
ADDRESS:	371H Life Sciences Center University of Missouri Columbia, MO 65211	FACILITY NUMBER:	2098
MAILING ADDRESS:	371H Life Sciences Center University of Missouri Columbia, MO 65211	HAND CARRY:	No
PHONE:	(573) 882-6152	DATE ISSUED:	04/14/2015
FAX:	(573) 884-9676	DATE AMENDED:	09/01/2016
DESTINATION:	Plant Nematology Lab, Poultry Nutrition Building, University of Missouri, Columbia, MO 65211	EXPIRES:	04/14/2018

Under the conditions specified, this permit authorizes the following:

Article Category: Diagnostic

<u>Regulated Article</u>	<u>Life Stage(s)</u>	<u>Intended Use</u>	<u>Shipment Origins</u>	<u>Originally Collected</u>	<u>Culture Designation</u>
Plant Pathogenic Nematodes	Adult, Egg, Juveniles, Pest-infected plant material, Plant Parts, Seeds, Whole Plants	Diagnostic Labs	Continental U.S.	Originally Collected from Within the Continental U.S.	n/a

PERMIT GUIDANCE

Receipt or use of foreign isolates or samples from countries under sanctions requires specific permission from the U.S. Department of Treasury (see <http://www.treasury.gov/resource-center/sanctions/Programs/Pages/Programs.aspx> for current country/regional listings) for current country listings.

This permit does not authorize importation, interstate movement, possession, and/or use of strains of genetically engineered regulated organisms (created by the use of recombinant DNA technology).

If an animal pathogen is identified in your shipment, to ensure appropriate safeguarding, please refer to http://www.aphis.usda.gov/import_export/animals/animal_import/animal_imports_anproducts.sh tml.

This permit does not fulfill the requirements of other federal or state regulatory authorities. As appropriate, please contact the U.S. Environmental Protection Agency, the U.S. Fish and Wildlife Service, the U.S. Food and Drug Administration, the Centers for Disease Control and Prevention, the APHIS Veterinary Services unit, or your States Department of Agriculture to ensure proper permitting.

Permit Number P526P-15-01976

THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING PPQ HEADQUARTER OFFICIAL VIA EPERMITS.

Vickie Brewster
Vickie Brewster

DATE

09/01/2016

WARNING: Any alteration, forgery or unauthorized use of this Federal Form is subject to civil penalties of up to \$250,000 (7 U.S.C.s 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C.s 1001)

If you are considering renewal of this permit, an application should be submitted at least 90 days prior to the expiration date of this permit to ensure continued coverage. Permits requiring containment facilities may take a longer period of time to process.

PERMIT CONDITIONS


This permit authorizes the interstate movement of host material, including but not limited to whole plants, plant parts, soil or growing media, infected with the listed organisms from various researchers/clients within the continental United States to Melissa Mitchum at the University of Missouri in Columbia, Missouri for diagnostic work in Containment Facility #2098 (CF#2098).

1. The permit holder must:
 - (a) comply with all requirements and permit conditions,
 - (b) maintain a valid permit so long as the regulated organisms are alive,
 - (c) this permit cannot be assigned or transferred to other persons.
 - (d) permittee must maintain a residence in the United States
 - (e) safeguard and dispose of the regulated organisms during the term of this permit,
 - (f) take all necessary precautions to prevent the unauthorized release of regulated organisms. In the event of an unauthorized release, the permit holder must notify the permit unit,
 - (g) adequately mitigate environmental impacts resulting from unauthorized release of regulated organisms,
 - (h) contain any/all organisms not authorized under this permit,
 - (i) notify the permit unit of the receipt of unauthorized organisms,
 - (j) notify the permit unit if facilities are destroyed or decommissioned for any reason,
 - (k) maintain an official permanent work assignment at the address on this permit,
 - (l) notify the permit unit in advance of any change in the permit holder's work assignment,
 - (m) destroy all regulated organisms prior to departure unless other arrangements are confirmed by the permit unit prior to the permit holder's departure, and
 - (n) notify the permit unit of the destruction of regulated organisms.

Notifications to the permit unit must be made via 866-524-5421 or pest.permits@aphis.usda.gov within one business day of the event triggering a notification.

2. This permit does not authorize movement or use of plant pathogens listed in the Public Health Security and Bioterrorism Preparedness and Response Act of 2002. If any organism listed as a Select Agent is identified from materials associated with this research, the permit holder is required to notify APHIS, Agricultural Select Agent Program (ASAP) immediately by phone at 301-851-3300, and within seven (7) days submit APHIS/CDC Form 4 (Report of Identification of a Select Agent or Toxin in a Clinical or Diagnostic Laboratory) to APHIS, ASAP; 4700 River Rd, Unit 2, Riverdale, MD 20737 (see instructions at: http://www.aphis.usda.gov/programs/ag_selectagent/index.shtml). Failure to comply with this requirement is a violation of the Agricultural Bioterrorism Protection Act of 2002.
3. Without prior notice and during reasonable hours, authorized PPQ and/or State regulatory officials shall be allowed to inspect the conditions associated with the regulated organisms authorized under this permit.
4. All organisms and/or infected plant material must be shipped in packages of such materials and/or construction so as to prevent the unauthorized dissemination or release of regulated articles.
5. Upon receipt all samples potentially containing mobile arthropod life stages must be placed in a refrigerator for at least 4 hours prior to opening the package. Following this initial processing, living samples must be placed in sealed containers for subsequent diagnostic determinations or destruction.
6. Upon receipt, whenever possible, packages must be opened within a laminar flow biosafety cabinet, that meets or exceeds Class II, Type A, in the permit holder's assigned laboratory facilities within CF#2098. Otherwise packages must be opened within an area dedicated for this purpose within CF#2098.
7. All packaging materials in contact with organisms and/or contaminants and all un-used and leftover organisms must be sufficiently heat or chemically treated to kill all plant pests and contaminants prior to disposal.

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<p>THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING PPQ HEADQUARTER OFFICIAL VIA EPERMITS.</p> <div style="text-align: center; margin-top: 20px;">  Vickie Brewster </div>	<p>DATE</p> <p style="text-align: center; margin-top: 20px;">09/01/2016</p>
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8. Diagnostic samples must be maintained in the permit holder's laboratory facilities within CF#2098. All stored samples must be kept in a locked area with access restricted to authorized personnel.
9. This permit authorizes the movement of pure cultures of the listed organisms as well as any plant parts or whole plants infected with the listed organisms.

The movement of soil is authorized under this permit.


10. All soil samples must be handled in such a way (e.g. wear adequate protective clothing, clean and maintain floors and work surfaces so that soil cannot accumulate, disinfect all work surfaces between samples) so that movement of plant pests out of the facility does not occur.
11. This authorization is strictly for diagnostic activities in a controlled environment only.
Plant inoculations are authorized in the laboratory or growth chamber only as necessary to confirm a diagnosis.
12. Samples identified as *Heterodera glycines* are authorized for plant inoculations in the greenhouse for race determination.
13. All waste water from laboratory procedures or irrigation water that potentially contains nematode life stages or other plant pathogens must be sufficiently treated to kill or render non-viable all pathogens prior to disposal.
14. Placement of organisms into a culture collection or any other research with these organisms is not authorized under this permit. Separate 526 permits are required for these activities.
15. Upon completion of diagnostic activities, all organisms, inoculated plants, plant material, soil and/or growing media must be destroyed by heat or chemical treatment sufficient to kill, destroy, or otherwise deactivate plant pathogens. All materials used to conduct research must be decontaminated prior to reuse or disposal.
16. A record of all final identifications must be maintained at the address provided on the permit application, and these records must be available to PPQ upon request.
17. There is to be no further movement or distribution of organisms without prior approval from State and Federal regulatory officials.
18. Reporting Requirements:

The permit holder or authorized individual must notify APHIS Plant Protection and Quarantine (PPQ) Pest Permitting Branch (PPB) within 10 working days of the confirmation that an organism is identified as (a) a species new to science, (b) an organism not known to occur in the United States, or (c) a pest managed by an APHIS program (program pest; http://www.aphis.usda.gov/plant_health/plant_pest_info/index.shtml). Include the permit number, the origins and dates of receipt of the samples, and the identified organism. The notification must be sent to USDA/APHIS/PPQ/RPM/PPB, 4700 River Rd., Unit 133, Riverdale, MD 20737, faxed to 301-734-8700 or emailed to Pest.Permits@aphis.usda.gov Attn: Vickie Brewster, as Word, Excel or pdf documents. Notifications must also be sent to the State Plant Health Director (SPHD) and State Plant Regulatory Official (SPRO) of the state of origin of the specific sample within 10 working days (see http://www.aphis.usda.gov/services/report_pest_disease/report_pest_disease.shtml and <http://www.nationalplantboard.org/member/index.html> for contact information).

19. Under the Plant Protection Act, individuals or corporations who fail to comply with these conditions and authorizations, or who forge, counterfeit, or deface permits or shipping labels may receive civil or criminal penalties, and may have all current permits cancelled and future permit applications denied.

END OF PERMIT CONDITIONS

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