

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

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

This permit was generated electronically via the ePermits system

PERMITTEE NAME:	Ms. Juliana A. Yalemarr	PERMIT NUMBER:	P526P-20-03513
ORGANIZATION:	Hawaii Department of Agriculture	APPLICATION NUMBER:	P526-200423-007
ADDRESS:	1428 South King Street Honolulu, HI 96814	DATE ISSUED:	08/19/2020
MAILING ADDRESS:	1428 South King Street Honolulu, HI 96814	EXPIRES:	08/19/2023
PHONE:	808-973-9526	FACILITY NUMBER:	23
ALT. PHONE:		HAND CARRY:	Yes
EMAIL:	juliana.a.yalemarr@hawaii.gov	FACILITY ACCOUNT:	Hawaii Department of Agriculture
FAX:		RESEARCH CENTER:	
		FACILITY NAME:	Insect Quarantine Facility
		FACILITY ADDRESS:	1428 South King Street P.O. Box 22159 Honolulu, Hawaii 96814
		FACILITY GPS:	Latitude 21.3 Longitude -157.8
		MAIL ADDRESS:	Insect Quarantine Facility, Hawaii Department of Agriculture 1428 South King Street, P.O. Box 22159 Honolulu, Hawaii 96814
		FACILITY CONTACT:	Ms. Darcy Oishi
		PHONE:	808-973-9524
		ALT. PHONE:	
		FAX:	808-973-9533
		EMAIL:	darcy.e.oishi@hawaii.gov


DESTINATION: 1428 South King Street, Hawaii Department of Agriculture, Honolulu, HI 96814
DESIGNATED PORTS: HI, Honolulu

Under the conditions specified, this permit authorizes the following:

Regulated Article	Life Stage(s)	Intended Use	Shipment Origins	Originally Collected	Culture Designation
Unidentified Hymenoptera	Adult, Egg, Juveniles, Larvae, Pest-infected plant material, Plant Parts, Pupae	Research - Lab	Mozambique, Mauritius, Reunion, Tanzania, United Republic of, South Africa, Africa	Originally Collected from Foreign and Domestic Locations	

SPECIAL INSTRUCTIONS TO INSPECTORS

Permit Number P526P-20-03513

THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING PPQ HEADQUARTER OFFICIAL VIA EPERMITS.	DATE
 Robert Pfannenstiel	08/19/2020

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)

See permit conditions below

This permit authorizes Juliana A. Yalem, Hawaii Department of Agriculture, Honolulu, HI, State and Dr. Mohsen Ramadan also of the Hawaii Department of Agriculture, Honolulu, HI, to hand-carry or move the organisms via passenger baggage into the United States in accordance with the hand-carry conditions below.


DHS CBP INSPECTORS - HAND CARRY INSTRUCTIONS

- 1) For all hand carry events, the port of entry must have received hand carry requests at least 20 days in advance of the arrival of passenger(s), including the date and time of arrival and method of transport (maritime, land border, air) directly from CBP-OFO-APTL, originally provided by USDA-APHIS. The port of entry for hand carry does not need to appear as a designated port on the permit; this official notice containing the information listed above authorizes the port listed on the notice as a destination port for this hand carry event.
- 2) For all hand carry events, a valid PPQ permit number or the PPQ permit must be provided in order to identify the designated hand carrier.
- 3) If the two conditions above are met and the CBP Agriculture Specialist confirms that all hand carried materials/organisms are securely packaged as per the permit conditions, the permitted regulated material/organisms may be released for immediate transport by the designated hand carrier to the destination address listed on the permit.
- 4) If the permitted regulated materials/organisms arrive by hand carrying, in personal luggage, or by personal automobile without a hand carry authorization as specified in the permit, CBP may seize and destroy the package or send it to the nearest PPQ Plant Inspection Station for further processing. The permit holder is responsible for all costs incidental to such actions. If forwarding the shipment is not possible, contact the Pest Permit Staff at the number below.

DHS CBP INSPECTORS - SHIPMENT BY BONDED CARRIER

- 1) Confirm that the carrier of the shipment imported under this USDA PPQ 526 permit is commercially bonded.
- 2) Confirm that the imported shipment has a valid USDA PPQ Form 599 Red/White label attached to the exterior for routing to a USDA APHIS PPQ Inspection Station or other "Designated Port" as stated on the Permit. A valid label will have the permit number, expiration date, label number, and address of a USDA APHIS PPQ Plant Inspection Station/Designated Port. PLEASE NOTE: In the event of a shipment of bulk container with discrete units, a single PPQ Form 599 Red/White label may be used.
- 3) Validate the permit in ePermits using the CBP search feature.
- 4) If a valid PPQ Form 599 Red/White label is not attached to the exterior of the package or the label has been covered or is otherwise not legible, then forward to the nearest USDA APHIS PPQ Plant Inspection Station.
- 5) If the address on the airway bill does not match the address on the PPQ Form 599 Red/White label then forward the package to the nearest USDA APHIS PPQ Plant Inspection Station/designated port shown on the PPQ Form 599 label. All costs associated with rerouting misaddressed packages will be assumed by the permit holder.

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APHIS PPQ INSPECTORS at PIS -High-Risk Invertebrates

Follow the instructions in the Plant Inspection Station Manual for High-Risk Invertebrates Red and White Labeled Packages (must be opened in a sleeved cage; see procedures for handling on page 3-7-39). For questions or concerns, contact the USDA APHIS PPQ Pest Permit Branch in Riverdale, MD, at 301-851-2046, toll free 866-524-5421.

PERMIT GUIDANCE


- 1) Receipt or use of foreign isolates or samples from countries under sanctions requires specific permission from the U.S. Department of Treasury; please refer to <https://www.treasury.gov/resource-center/sanctions/Programs/Pages/Programs.aspx>
- 2) This permit does not authorize movement or release into the environment of genetically engineered organisms produced with the regulated organisms described in this permit. Importation, interstate movement, and environmental release of genetically engineered plant pests require a different permit issued under regulations at 7 CFR part 340. Any unauthorized interstate movement or environmental release, including accidental release, of a regulated GE organism would be a violation of those regulations. Additional guidance and contact information for APHIS Biotechnology Regulatory Services, can be found at: <https://www.aphis.usda.gov/aphis/ourfocus/biotechnology>.
- 3) 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.shtml
- 4) If a human pathogen is identified, please refer to the CDC Etiologic Agent Import Permit Program at <http://www.cdc.gov/od/eaipp/>
- 5) This permit DOES NOT fulfill the requirements of other federal or state regulatory authorities. Please contact the appropriate agencies, such as 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, the APHIS Biotechnology Regulatory Services, or your State's Department of Agriculture to ensure proper permitting.
- 6) 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 importation of any life stages of various species of (unidentified) Hymenoptera, parasitoids of the Erythrina gall wasps from the listed African countries, to the permit holder Juliana Yalem, Hawaii Department of Agriculture, at 1428 South King Street, Honolulu, HI 96814, to be received into the USDA APHIS inspected containment facility at that address.

The imported material may contain dead and dying (apparently parasitized) stages of target species, the erythrina gall wasp, *Quadrastichus erythrinae*, and non-propagative host plant parts of *Erythrina*

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spp. (Fabaceae).

This permit further authorizes, subject to approval by Customs and Border Protection Inspectors, the "hand carry" transport of permitted articles by the permit holder, Juliana A. Yalamar, Hawaii Department of Agriculture, Honolulu, HI, State and Dr. Mohsen Ramadan also of the Hawaii Department of Agriculture, Honolulu, HI.

This permit authorizes the possession and rearing of any species imported under this permit for research in the USDA APHIS inspected containment facility (Facility #23) at Hawaii Department of Agriculture, at 1428 South King Street, Honolulu, HI 96814, subject to the additional conditions below.

1.
 - This permit is issued by the United States Department of Agriculture's Animal and Plant Health Inspection Service (APHIS). It conveys APHIS regulations and requirements for the material(s) listed on this permit. It does not reduce or eliminate your legal duty and responsibility to comply with all other applicable Federal and State regulatory requirements.
 - The permit number or a copy of the permit must accompany the shipment.
 - You must be an individual at least 18 years old, or legal entity such as partnership, corporation, association, or joint venture.
 - You are legally responsible for complying with all permit requirements and permit conditions.
 - The regulated material and shipping container(s) are subject to inspection by officials of Custom and Border Protection (CBP) and APHIS. CBP or APHIS officials may require the shipment to be treated, seized, re-exported, or destroyed (in part or whole). You will be responsible for expenses.
 - If you violate any applicable laws associated with this permit, you may face substantial civil or criminal penalties. We may cancel all current permits and deny future permit applications.
 - Without prior notice and during reasonable hours, authorized Federal and State Regulators must be allowed to inspect the conditions associated with the regulated materials/organisms authorized under this permit.

2. The permit holder must:
 - maintain a valid PPQ526 permit so long as the regulated materials/organisms are alive or viable,

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- not assign or transfer this permit to other persons without APHIS PPQ authorization,
- maintain an official permanent work assignment, residence, or affiliation at the address on this permit,
- notify the Pest Permit Staff as soon as possible of any change in the permit holder's work assignment, residence, or affiliation,
- notify the Pest Permit Staff of the receipt of unauthorized and/or misdirected shipments of regulated materials/organisms,
- adequately mitigate environmental impacts resulting from unauthorized release of regulated materials/organisms and notify the Pest Permit staff immediately if one occurs,
- notify the Pest Permit Staff if the facility is damaged/destroyed or if you wish to decommission the facility,
- destroy all regulated materials/organisms prior to departure from the organization unless other arrangements are confirmed by the Pest Permit Staff.

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

3. All packages for transport must minimally consist of both inner/primary and outer/secondary packages securely sealed so that both are effective barriers to escape or unauthorized dissemination of the listed materials/organisms. The inner/primary package(s) will contain all regulated materials/organisms and must be cushioned and sealed in such a way that it remains sealed during shock, impact, and pressure changes that may occur. The outer/secondary shipping container must be rigid and strong enough to withstand typical shipping conditions (dropping, stacking, impact from other freight, etc.) without opening.
4. After PPQ issues this 526 permit, you will need to request Red/White labels (PPQ Form 599) at least 5 days in advance of your shipping date. If you applied for your permit online using ePermits, you may request the labels using the My Shipments/Labels feature. Otherwise, send your request to Redandwhitelabelrequest@usda.gov. All email requests must come from the permit holder or designee. If requested by the designee, the permit holder must be copied on all requests. Specify the approved port as listed on the permit and the total number of labels needed. You may request additional labels the same way.

Packages without labels on the exterior may be refused entry.

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Review label instructions at:

<https://www.aphis.usda.gov/aphis/ourfocus/planthealth/import-information/permits/plant-pets/or-ganisms-shipping-requirements>

You are responsible for instructing your shipper to carefully follow these instructions. You are responsible for each import shipping label issued under this permit.

5. HAND CARRY PART 1 OF 2

The following conditions apply to all authorized hand carry events. Note that no PPQ-issued labels are required for hand carry events.

a) At least 20 days prior to each hand carry event, the permit holder or designee must notify the PPQ Permit Compliance Officer by email. In the subject line of the email, write "Notification of Hand Carry - Permit # xxxx":

For pests/pathogens, federal noxious weeds/parasitic plants, and host plant materials, please use: PPQRegulatedOrganismsHandCarryRequest@usda.gov


The email must contain the following information:

- hand carrier's name and permit number
- anticipated first port of entry into the United States
- date and time of arrival and method of transport (maritime, land border, air)
- description of the regulated material/organism and packaging used for transport
- travel plans from the first port of arrival to the final destination

The PPQ Permit Compliance Officer will notify the Customs and Border Protection (CBP) Agricultural Specialist at the port of entry to document and facilitate the entry of the regulated material/organism.

If you have domestic (connecting) air travel plans, please contact the Transportation Security Administration (TSA) prior to arrival into the U.S.: TSA Contact Center Telephone:

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1-866-289-9673; Email: TSA-ContactCenter@tsa.dhs.gov. Passengers can request special assistance with the screening process via the TSA Contact Center. Although special handling may be requested when traveling with fragile or sensitive items, TSA must conduct sufficient screening to ensure all property does not present a security threat. For more information visit www.TSA.gov.

Only the person(s) whose name(s) is/are listed on the issued permit is/are authorized to hand-carry.

b) The hand carrier must ensure the following:

- All materials/organisms must be packaged as described in the permit conditions.
- Packaging material must be free of insects, noxious weeds, and other plants pests and must be treated as described in the permit conditions before discarded or reused.
- Hand-carried regulated materials/organisms must fit in the plane's overhead bin or under the seat. Hand-carried materials/organisms are not to be checked as baggage/luggage, and must remain on or in close proximity to one's person.

6. HAND CARRY PART 2 OF 2


c) The hand carrier must declare the regulated material/organism at the port of entry. The hand carrier must present acceptable personal identification documents to CBP upon request. The hand carrier must also present a copy and/or permit number of the valid PPQ Permit that authorizes the hand carry.

d) In the event that a problem is detected, CBP may seize and destroy the package or send it to the nearest PPQ Plant Inspection Station for further processing. The permit holder is responsible for all costs incidental to such actions.

e) The authorization to hand carry is only for the regulated material/organism identified in the permit. The presence of unauthorized regulated materials/organisms is a permit violation.

f) After CBP confirmation and clearance through the first port of entry into the U.S., the hand carrier will not open or modify the package (including removal of anything applied to the package by CBP or another Federal Agency) until it arrives at the authorized facility. The hand carried regulated material/organism must be transported directly to the containment facility authorized in the permit. In the event that circumstances beyond the carrier's control cause a significant deviation in transport, the carrier must contact the PPQ Permit Compliance Officer at 866-524-5421 (pests/pathogens, federal noxious weeds/parasitic plants, soil, and host plant

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materials) or 877-770-5990 (for restricted or prohibited plant material).

g) Within 24 hours of the first business day of the regulated material/organisms' arrival at the facility, an independent third party (e.g. containment facility director, departmental chair, campus biosafety officer, etc.) must notify the PPQ Permit Compliance Officer via email that the shipment remained sealed until arrival. The notification must include what regulated material/organism was imported, its origin, permit number, date of arrival, and quantity. In the subject line of the email, please write: "Notification of Hand Carry Arrival - Permit # xxxx". See Hand Carry Part 1(a) above for the list of e-mail addresses to use for the notification.

Failure to notify the PPQ Permit Compliance Officer may result in loss of hand carry privileges. A PPQ inspector may visit the facility to confirm the arrival of the package and its contents.

7. Upon receipt, open the package only in the approved containment facility identified above. Depending on the organism(s) or developmental stage, it may be necessary to open the package inside a cage (glove box or sleeve cage) or use other appropriate means that must prevent the organisms from escaping.
8. After separation of organisms regulated under this permit, along with any necessary host organisms and host plant parts, all other foreign biological material and substrate, including soil, and foreign plant material, if any, must be properly disposed of or destroyed immediately.


Only authorized/permitted organisms may be retained as live organisms, plus any hosts and plant parts as needed for continued rearing and culture of the regulated organisms until transfer to lab-sourced material. Upon completion of isolations/transfers from imported material (i.e., soil, hosts) these imported materials must likewise be properly disposed of or destroyed immediately, as described above.

9. This permit authorizes the importation and possession of live organisms of only the regulated articles or taxonomic groups listed above, from the regions or countries listed, and not authorized under this permit are live cultures of other taxonomic groups from other hosts, or are from other source countries/continents, or received by way of any other permit, except as described below.

In addition, this permit authorizes continued possession/continued curation of only the live organisms (identified and unidentified) cultured or stored by the permit holder which were imported as authorized on a previous permit, of which this is a "renewal". All other such live regulated organisms must be kept under separate USDA APHIS permit, or devitalized.

10. The regulated organisms authorized for import under this permit are to be maintained only in the laboratory area approved for containment at the address indicated under the "Authorizations" above on this permit (CF 23). Any distribution or other removal of live organisms regulated under this permit from the designated area of Containment Facility Hawaii Dept of Agriculture requires a separate prior authorization from APHIS PPQ.

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This permit does not authorize field release, interstate transport, field research, greenhouse work, or any other activities with the regulated organisms authorized for import under this permit outside of the containment facility.

11. All operations must be consistent with information submitted in association with this Containment Facility (CF23) including the most recent Standard Operating Procedures (SOP's) submitted for the Facility, and any information submitted in association with the inspection of this Containment Facility. This includes, minimally, maintenance of restricted access to unauthorized persons of building and or approved containment areas (key, key card or code), and/or restricted access to unauthorized persons of growth chambers and other equipment (for example by lock) where organisms will be kept, as well as proper/prescribed maintenance of the Autoclave and/or other equipment used to devitalize or sterilize waste.

The permit holder must insure that all persons working with these regulated organisms


- a) are trained in the importance of approved containment practices;
- b) follow the Standard Operating Procedures (SOP) established for the facility and filed with the USDA APHIS Pest Permit Evaluation Unit at the time of facility inspection; and
- c) are informed of these permit conditions and understand the requirement to adhere to these conditions and the SOP.

The permit holder shall document such training or familiarization with these permit conditions and the SOP's for the facility, by having copies of both dated and signed/initialed by all persons handling the regulated articles, and have such documentation made available to USDA APHIS upon request.

12. A separate authorization from USDA APHIS (a new PPQ 526 permit) is required for possession/maintenance of live regulated organisms received under this permit beyond the expiration of this permit. Otherwise, all regulated organisms received under this permit must be devitalized prior to expiration of this permit.

END OF PERMIT CONDITIONS

Permit Number P526P-20-03513

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According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information is 0878-0064. The time required to complete this information collection is estimated to average 0.17 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

FORM APPROVED
OMB NO. 0878-0064

No permit can be issued to move live plant parts or noxious weeds until an application is received (7 CFR 330 (live plant parts) or 7 CFR 340 (noxious weeds)).

U.S. DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE PLANT PROTECTION AND QUARANTINE PERMITS AND RISK ASSESSMENT, UNIT 133 RIVERDALE, MARYLAND 20737 APPLICATION FOR PERMIT TO MOVE LIVE PLANT PARTS OR NOXIOUS WEEDS		SECTION A - TO BE COMPLETED BY THE APPLICANT											
3. TYPE OF PEST TO BE MOVED <input type="checkbox"/> Pathogens <input checked="" type="checkbox"/> Arthropods <input type="checkbox"/> Noxious Weeds <input type="checkbox"/> Other (Specify) _____ non-pests <small>This permit does not authorize the introduction, importation, interstate movement, or release into the environment of any genetically engineered organisms or products.</small>		1. NAME, TITLE, AND ADDRESS (Include Zip Code) Dr. Russell Messing University of Hawaii 7370 Kuamoo Road Kapaa, HI 96746											
A. SCIENTIFIC NAMES OF PESTS TO BE MOVED		B. CLASSIFICATION (Orders, Families, Races, or Strains)		C. LIFE STAGES, IF APPLICABLE		D. NO. OF SPECIMENS OR UNITS		E. SHIPPED FROM (Country or State)		F. ARE PESTS ESTABLISHED IN U.S.?		G. MAJOR HOST(S) OF THE PEST	
4. Hymenopterous		Chalcidoidea		all		hundreds		Africa,		no		Erythrina gall wasps	
5. parasitoids								Asia				Quadrastichus erythrinae	
6.													
7. WHAT HOST MATERIAL OR SUBSTITUTES WILL ACCOMPANY WHICH PESTS (Indicate by line number) galled leaves & stems of Erythrina													
8. DESTINATION Honolulu				9. PORT OF ARRIVAL Honolulu				10. APPROXIMATE DATE OF ARRIVAL OR INTERSTATE MOVEMENT Sept. 2005					
11. NO. OF SHIPMENTS multiple				12. SUPPLIER cooperators in Africa & Asia				13. METHOD OF SHIPMENT <input checked="" type="checkbox"/> Air Mail <input checked="" type="checkbox"/> Air Freight <input type="checkbox"/> Baggage <input type="checkbox"/> Auto					
14. INTENDED USE (Be specific, attach outline of intended research) Host range testing for biological control of Quadrastichus erythrinae in quarantine.													
15. METHODS TO BE USED TO PREVENT PLANT PEST ESCAPE APHIS-approved quarantine procedures								16. METHOD OF FINAL DISPOSITION unwanted material will be autoclaved					
17. Applicant must be a resident of the U.S.A. I/We agree to comply with the safeguards printed on the reverse of this form, and understand that a permit may be subject to other conditions specified in Section B and C.								SIGNATURE OF APPLICANT (Must be person named in Item 1) <i>Russell Messing</i>				18. DATE 8/12/05	
WARNING: Any alteration, forgery, or unauthorized use of this document is subject to civil penalties of up to \$250,000 (7 U.S.C. 5773(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. 1001).													
SECTION B - TO BE COMPLETED BY STATE OFFICIAL													
19. RECOMMENDATION <input type="checkbox"/> Concur (Approve) <input type="checkbox"/> Comment (Disapprove) <input type="checkbox"/> (Accept USDA Decision)				20. CONDITIONS RECOMMENDED STATE CONCURRENCE ON FILE									
21. SIGNATURE				22. TITLE				23. STATE		24. DATE			
SECTION C - TO BE COMPLETED BY FEDERAL OFFICIAL													
25. PERMIT NO. 73874													

PERMIT

(Permit not valid unless signed by an authorized official of the Animal and Plant Health Inspection Service)

Under authority of the Plant Protection Act of 2000, permission is hereby granted to the applicant named above to move the pests described, except as deleted, subject to the conditions stated on, or attached to this application. (See standard conditions on reverse side.)

* For exotic plant pathogens, attach a completed PPQ Form 526-1.

SUBJECT TO ATTACHED CONDITIONS.

PHI, SAPHI, PHI, Hears

26. SIGNATURE OF PLANT PROTECTION AND QUARANTINE OFFICIAL <i>[Signature]</i>		26. DATE SEP 30 2005		28. LABELS ISSUED 10009599		27. VALID UNTIL SEP 23 2008		29. PEST CATEGORY B-1	
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United States
Department of
Agriculture

Animal and
Plant Health
Inspection Service

4700 River Road
Riverdale, MD 20737

PPQ FORM 526 - ATTACHMENT

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(Permit not valid unless signed by an authorizing official of the Animal and Plant Health Inspection Service)

Under authority of the Federal Plant Pest Act of May 23, 1957 or the Federal Noxious Weed Act of 1974, permission is hereby granted to the applicant named to move the described pests, subject to the following:

PERMITTEE NAME: Russell Messing

PERMIT NUMBER: 73874

APPROVED SPECIES

Scientific Name

Origin

Hymenoptera

Africa

Hymenoptera

Asia

TO BE COMPLETED BY FEDERAL OFFICIAL

SIGNATURE OF PLANT PROTECTION AND QUARANTINE OFFICIAL

DATE

SEP 30 2005



APHIS - Protecting American Agriculture



United States
Department of
Agriculture

Animal and
Plant Health
Inspection Service

4700 River Road
Riverdale, MD 20737

PPQ FORM 526 - SECTION C

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(Permit not valid unless signed by an authorizing official of the Animal and Plant Health Inspection Service)

Under authority of the Federal Plant Pest Act of May 23, 1957 or the Federal Noxious Weed Act of 1974, permission is hereby granted to the applicant named to move the described pests, subject to the following:

PERMITTEE NAME: Russell Messing

PERMIT NUMBER: 73874

PERMIT CONDITIONS

AUTHORIZATIONS, LIMITATIONS, EXCLUSIONS AND DISCLAIMERS

1. Rules promulgated under the authority of the Plant Protection Act (PPA) of 2000 by the United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ) Unit regulate plant pests and certain other viable organisms (N.B., the PPA subsumes the statutes cited above). Importation into the United States of America of viable organisms (all life stages) in the taxon(a) listed on the PPQ Form 526 - Attachment to this permit (henceforth referred to as "approved species" or "approved organisms") is authorized.

2. This authorization is limited to approved organisms derived from naturally occurring populations or colonies/cultures derived from natural populations located in the geographic region(s) identified on the PPQ Form 526 - Attachment to this permit. Importation of strains of approved species that have been genetically modified by recombinant DNA technology (i.e., genetically modified organisms; GMOs) is not authorized.

3. In conjunction with shipments of approved organisms, host plant material of approved species limited to non-propagative plant parts, is authorized.

4. Colonization and rearing of approved species are authorized

5. Field research and/or release of approved species into the natural environment are not authorized.

6. Distribution of the approved species to third parties (i.e., interstate transfer from the address of this permit holder) is not authorized without prior approval from State and Federal regulatory officials unless the recipient has a valid APHIS PPQ 526 permit.

CONDITIONS:

1. Shipments of living organisms must be packaged at the point of origin in sealed (no openings), secure, escape-proof containers, and remain sealed at all times while in transit.

2. Upon arrival at the first port of entry in the United States, all shipments must be declared for inspection in accordance with US Customs and Border Protection (CBP) regulations.

3. Following CBP clearance, shipments surrendered from the custody of a bonded courier or an individual who is not an employee of the US government with a security clearance must be accompanied by an APHIS PPQ red/white (Form 599) label that directs it via a bonded courier to the main APHIS PPQ inspection station (Building 580) in Beltsville, Maryland, or another PPQ-operated or approved plant health inspection station. Each shipment must also carry supplementary address information for forwarding directly, via a commercially bonded courier, to the individual named on this permit (i.e., the permit holder) at the address shown on this permit (in item 1 of PPQ Form 526) following agricultural clearance (N.B., USDA does not defray any additional shipping costs incurred for transiting the shipment through an approved APHIS PPQ inspection station).

4. Following CBP clearance, agricultural clearance is waived for shipments entering in the custody of an US government employee who holds a valid US government security clearance. From the port of entry, such shipments must be transited by the entering US government official directly to the individual named on this permit (i.e., the permit holder) at the address shown on this permit (in item 1 of PPQ Form 526).

SEP 30 2005



United States
Department of
Agriculture

Animal and
Plant Health
Inspection Service

4700 River Road
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Under authority of the Federal Plant Pest Act of May 23, 1957 or the Federal Noxious Weed Act of 1974, permission is hereby granted to the applicant named to move the described pests, subject to the following:

PERMITTEE NAME: Russell Messing

PERMIT NUMBER: 73874

PERMIT CONDITIONS (continued)

5. Use the individually numbered shipping label(s), PPQ Form 599, provided to enable foreign shipments to enter the U.S. under this permit. A label with complete information must be attached to the exterior of the package being imported under this permit, or to a separate document page that is included with the manifest, invoice, bill of lading or other documentation identifying each species in the shipment. The permit holder is responsible and accountable for each import shipping label provided with this permit, and must return any unused labels after this permit expires. The permit holder is responsible for providing complete and accurate information on each label used to accompany an import shipment. Record the following information for each label: label number; date mailed to supplier; supplier's name, address, and telephone number; date package received by permit holder; species of organisms. Provide this information to APHIS PPQ in the form of tracking sheets or copies of shipping manifests (with required additional information) by mail, fax or email at least annually on the anniversary of the date of issue of this permit. This permit may be revoked if required annual reporting is not completed within the 30-day period following each anniversary of the date of issue of this permit. A report on the disposition of all labels used since the last reporting date must accompany a request for additional labels. Upon expiration of this permit, return all unused labels to APHIS, and account for any labels used since the last reporting date. Failure to return unused labels or to provide a final report within 30 days of the expiration of this permit renders the permit holder liable for civil and/or criminal penalties, and may result in the denial of future permit applications.

6. The permit holder is responsible for ensuring that shipments are free of unauthorized pathogens, noxious weeds, other living organisms or plant products identified for detection, interception and seizure as AQI (agriculture quarantine inspection) actionable pests or products.

7. Without advance notification, during normal business hours, Plant Protection and Quarantine Officers may inspect any part of the premises where species approved under this permit are contained.

8. Prior to disposal in the municipal waste stream, all shipping/transport packages, wrapping and containers for import shipments must be completely destroyed (e.g., by incineration) or sterilized (i.e., by autoclaving) immediately after species approved under this permit have been extracted from shipments.

9. Approved organisms must be destroyed (e.g., by autoclave, incineration) and discarded, or stored as preserved, killed specimens prior to the expiration of this permit, or when no longer required for research studies, whichever comes first. APHIS does not routinely issue extensions or renewals of existing permits; the permit holder must submit a new permit application at least three months prior to the expiration of this permit if: (a) uninterrupted authorization to possess approved species is desired; (b) authorization for environmental release of species approved under this permit is sought (N.B., a separate permit is always required to authorize release of any species from quarantine containment and/or into the natural environment).

10. The permit holder is responsible at all times for the disposition of organisms during the valid term of this permit, and must maintain an official permanent work assignment at the site identified on this permit where approved species are present. If the permit holder's work assignment and/or official affiliation with the institution/organization/entity located at the address identified on this permit, is terminated, moved to a remote location, or is otherwise modified, so as to render direct supervision impracticable, live organisms of the species approved under this permit must be destroyed unless another individual located at the address identified on this permit obtains a valid PPQ 526 permit prior to a change in status of the permit holder named on this permit.

11. The permit holder named on this permit indemnifies USDA APHIS against additional costs or losses resulting from (a) routing shipments of species approved under this permit through its plant inspection station; (b) damage/injury to living organisms approved for entry under this permit that may occur in conjunction with the imposition of its usual and customary inspection practices.

12. A valid APHIS PPQ 526 permit does not fulfill or modify the compliance requirements of any other Federal (e.g., Environmental Protection Agency; U.S. Fish and Wildlife Service; Food and Drug Administration; Centers for Disease Control and Prevention) or state regulatory authority. The permit holder is solely responsible for ensuring compliance with other Federal or state statutory requirements.

13. Failure to comply with the terms and conditions of this permit may be cause for: (a) revoking this permit; (b) revoking other valid permits issued to the individual named as the holder of this permit; (c) denial of future permit applications made by the holder of this permit; (d) making the holder of this permit liable for civil penalties; (e) subjecting the holder of this permit to criminal prosecution as provided in the PPA.

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Under authority of the Federal Plant Pest Act of May 23, 1957 or the Federal Noxious Weed Act of 1974, permission is hereby granted to the applicant named to move the described pests, subject to the following:

PERMITTEE NAME: Russell Messing

PERMIT NUMBER: 73874

PERMIT CONDITIONS (continued)

INSTRUCTIONS FOR CBP:

1. At the initial US port of entry, the shipment courier must provide: (a) a declaration of the shipment contents; (b) a copy of the validated permit (PPQ 526) with approved species list and associated conditions; (c) a valid red/white USDA shipping label (PPQ Form 599).
2. Following CBP clearance, agricultural inspection can be waived ONLY if the courier of the shipment presents documentation confirming identity as a traveler on official U.S. government business [including valid travel authorization and an official US government (brown) or U.S. Diplomatic (black) passport].
3. From the point of CBP clearance, if the courier does not conform to the specifications listed in paragraph 2 above, the shipment must be transported by a bonded courier under a red and white PPQ Form 599 label directing it to the address of the APHIS-approved inspection facility shown on the label.
4. For questions or concerns, contact the USDA APHIS PPQ Permit Unit in Riverdale, MD (301-734-8646).

INSTRUCTIONS FOR USDA APHIS PPQ INSPECTORS:

1. Agricultural inspection and clearance is required for shipments transported by a bonded courier. The courier must present a copy of the permit (PPQ Form 526), permit conditions, and an original shipping label (PPQ Form 599).
2. Confirm that the permit has not expired.
3. Confirm that the permit number on Form 599 is the same as on Form 526.
4. Confirm that the Form 599 is an original with a unique shipment number following the permit number.
5. Confirm that all containers are adequately packaged to prevent the escape/leakage of the enclosed organisms.
6. DO NOT CLEAR THE SHIPMENT if there is evidence of non-compliance with (a) any items listed in the sections entitled "AUTHORIZATIONS, LIMITATION, EXCLUSIONS, AND DISCLAIMERS;" (b) regulations provided in 7 CFR 330. If not in compliance, contact (301-734-8646) the Pest Permit Evaluations Branch at headquarters to determine subsequent action.
7. If full compliance with permit conditions and USDA APHIS regulations is validated, clear shipment for subsequent delivery to the individual and address shown on this permit (PPQ Form 526, item 1). Fax the shipping label number (permit number followed by unique shipment number) to the Pest Permit Evaluations Branch at 301-734-5392.

<End of Conditions>

TO BE COMPLETED BY FEDERAL OFFICIAL

SIGNATURE OF PLANT PROTECTION AND QUARANTINE OFFICIAL

DATE

SEP 30 2005



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