

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
Interstate Movement
Regulated by 7 CFR 330

This permit was generated electronically via the ePermits system

PERMITTEE NAME: Dr. Aubrey Moore	PERMIT NUMBER: P526P-21-04365
ORGANIZATION: University of Guam	APPLICATION NUMBER: P526-210727-001
ADDRESS: 303 Campus Drive Agriculture and Life Sciences Building Mangilao, GU 96923	DATE ISSUED: 07/28/2021
	EXPIRES: 07/28/2024
MAILING ADDRESS: 303 Campus Drive Agriculture and Life Sciences Building Mangilao, GU 96923	FACILITY NUMBER: 2348
	HAND CARRY: Yes
PHONE: 1-671-686-5664	FACILITY ACCOUNT: University of Guam
ALT. PHONE:	RESEARCH CENTER:
EMAIL: aubreymoore@triton.uog.edu, aubreymoore@guam.net	FACILITY NAME:
FAX:	FACILITY ADDRESS: College of Natural & Applied Sciences, University of Guam, UOG Station Mangilao, Guam 96923
	FACILITY GPS:
	MAIL ADDRESS: College of Natural and Applied Science University of Gum Mangilao, Guam 96923
	FACILITY CONTACT: Dr. Aubrey Moore
	PHONE: 671-735-2086
	ALT. PHONE:
	FAX:
	EMAIL: amoore@ugum.uog.edu
DESTINATION: 303 Campus Drive, Agriculture and Life Sciences Building, Mangilao, GU 96923	
RELEASE: No	

Under the conditions specified, this permit authorizes the following:

Regulated Article	Life Stage(s)	Intended Use	Shipment Origins	Originally Collected	Culture Designation
Oryctes rhinoceros	Any	Research - Growth Chamber (lab included)	HI	Originally Collected from Foreign and Domestic Locations	

PERMIT GUIDANCE

Permit Number P526P-21-04365

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

Carlos A. Blanco

Carlos Blanco

DATE

07/28/2021

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)

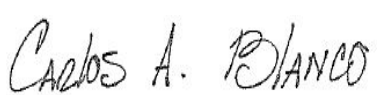
- 1) Importation, interstate movement, and environmental release of the listed regulated organisms that have been genetically engineered may require a different permit issued under regulations at 7 CFR part 340. Any unauthorized importation, interstate movement, or environmental release (including accidental release) of a regulated GE organism would be a violation of those regulations. Before moving genetically engineered organisms, contact APHIS Biotechnology Regulatory Services (BRS) at: <https://www.aphis.usda.gov/aphis/ourfocus/biotechnology>. If BRS does not require a permit, contact the Pest, Pathogen, and Biocontrol permit unit for further guidance at: pest.permits@usda.gov
- 2) 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_an_products.shtml
- 3) If a human pathogen is identified, please refer to the CDC Etiologic Agent Import Permit Program at <http://www.cdc.gov/od/caipp/>
- 4) 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.
- 5) 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

USDA-APHIS authorizes Dr. Aubrey Moore, University of Guam, 303 Campus Drive, Agriculture and Life Sciences Building, Mangilao, GU, to move all life stages of *Oryctes rhinoceros* from Hawaii for laboratory research in the USDA-APHIS approved Facility Number 2348 at the address above. All these conditions must be followed:

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.
- 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.

Permit Number P526P-21-04365

<p>THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING PPQ HEADQUARTER OFFICIAL VIA EPERMITS.</p> <p style="text-align: center;"> Carlos Blanco</p>	<p>DATE</p> <p style="text-align: center;">07/28/2021</p>
--	---

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)

- 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,
- 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 *Oryctes rhinoceros*.

The inner/primary package(s) will contain all the regulated beetles and must be cushioned and

Permit Number P526P-21-04365	
THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING PPQ HEADQUARTER OFFICIAL VIA EPERMITS.  Carlos Blanco	DATE 07/28/2021

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)

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.

Oryctes rhinoceros to be transported in checked baggage or in the passenger compartment of an airplane, must be double packed in sturdy, hard-sided (no Styrofoam) escape-proof containers that have been taped shut. Carrier must bring enough tape to reseal the containers if they are inspected at any time during the trip. The permit holder must consider while packaging the regulated pests, the kind of rough handling that can be expected during travel including shaking and inverting the package.


While in transportation to the permitted facility 2348 in a vehicle, the regulated beetles must be kept within a larger container sufficiently strong to remain intact in the event of a vehicle accident. Plastic ice chests secured with a nylon web strap are recommended for the outer most containment barrier. Containers should be fastened if carried in the bed of a pick-up truck.

The permit holder or their designees are authorized to transport the listed insects in enclosed motor vehicles (i.e. no motorcycles or open-bed trucks). If stopped by law enforcement and requested to relinquish the organisms, then the permit holder must provide a copy of this permit and all conditions. Confiscated pests must be safeguarded prior to return to the permit holder. Shipping/handling costs associated with the movement of confiscated packages are the responsibility of the permit holder. Shipments carried in vehicles must meet all packaging requirements. Any accidents during transport that compromise the security of shipment packaging must be immediately reported to the USDA via: pest.permits@aphis.usda.gov. Include the permit number and ATTN: CA Blanco in the subject line, and describe the efforts taken to contain the pests.

The permit holder, and any individuals authorized by the permit holder, may transport *Oryctes rhinoceros* intraste to the USDA-APHIS-approved containment Facility Number 2348 in motor vehicles.

A copy of this permit should accompany the vehicular movement of *Oryctes rhinoceros*.

4. Modifications to the containment facility 2348, or any changes that affect the containment of *Oryctes rhinoceros* must be approved by APHIS prior to making changes. Please contact the Pest Permit Staff (email: pest.permits@usda.gov; phone: 866-524-5421; address: 4700 River Rd., Unit 133, Riverdale, MD 20737; Fax: 301-734-8700).
5. This authorization is not valid for field research, greenhouse work, or release into the environment.

Permit Number P526P-21-04365	
<p>THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING PPQ HEADQUARTER OFFICIAL VIA EPERMITS.</p> <div style="text-align: center;">  Carlos Blanco </div>	<p>DATE</p> <p style="text-align: center;">07/28/2021</p>

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)

6. *Oryctes rhinoceros* must be maintained under escape-proof conditions in the APHIS-approved Facility Number 2348 area at the work address indicated on this permit. Regulated insects must be removed from this facility or other designated area only with prior authorization from APHIS. Only the evaluated area is authorized for containment. Other rooms require specific approval. Access to this area must be restricted to authorized personnel only.

The capacity of this insect to escape (dig, claw, push, fly, or chew through wood, plastics, or metals) must be considered in containment design.

Collection methods must be available to catch escaping rhinoceros beetles.

All materials removed from shipping / caging must be thoroughly examined for *Oryctes rhinoceros*, and disposed of following the waste disposal condition.

7. DEVITALIZATION and WASTE DISPOSAL:

All regulated pests and all items coming in direct contact or exposed to these insects must be sterilized/sanitized/decontaminated prior to removal from the authorized containment facility. This includes all items from shipping, culturing, care, and maintenance. This includes but is not necessarily limited to: packaging directly exposed to the regulated materials/organisms, substrates (culture media, soil, host plant materials (food materials or host plants)), leftover/unused/unneeded live cultures, and dead specimens/cultures unless specified otherwise in the permit.

Prior to disposal or reuse, you must treat all contaminated and all potentially contaminated materials by one of the follow methods prior to disposal:


Use any of the following, either alone or in combination: 1) autoclaved, 2) or disposed of as medical /biohazard waste with bonded contracted company or, 3) or incinerated, 4) or frozen at minus 29 Celsius (minus 20 Fahrenheit) for 72 hours (Note: this is colder than a conventional refrigerator/freezer), 5) or immersed in Sodium Hypochlorite (6 percent household bleach) for at least 60 minutes, or 6) immersed in 70 percent alcohol for at least 30 minutes.

Treated waste as in 1) to 6), must be double bagged prior to disposal.

8. All persons working with *Oryctes rhinoceros* must be informed of these permit conditions. Anyone working with these materials/organisms must agree to adhere to and sign/initial these conditions before beginning work. These signed conditions do not need to be submitted to USDA/APHIS but must be readily accessible and made available to Federal and State regulators upon request.

Note: these conditions may be copied and stored electronically for electronic signature and initialing provided that the permit number, authorized materials/organisms and life stages, release locations if applicable, and authorization statement all appear on the document with the permit number. Signing these conditions only indicates that the person working under this permit has read them; the permit holder is the sole responsible party under this permit.

Permit Number P526P-21-04365

<p>THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING PPQ HEADQUARTER OFFICIAL VIA EPERMITS.</p> <p style="text-align: center;"> Carlos Blanco</p>	<p>DATE</p> <p style="text-align: center;">07/28/2021</p>
---	--

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)

9. This permit is not valid for resale or redistribution of *Oryctes rhinoceros*.

Additional movement within the destination state may require additional approval from State regulatory officials and from USDA-APHIS Plant Protection and Quarantine.

Interstate distribution requires a separate PPQ 526 permit. For example, anyone requesting to receive rhinoceros beetles from the permittee must possess a valid PPQ 526 permit to receive them.

END OF PERMIT CONDITIONS

Permit Number P526P-21-04365

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

Carlos A. Blanco

Carlos Blanco

DATE

07/28/2021

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)