

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**  
Importation  
**Regulated by 7 CFR 330**


**This permit was generated electronically via the ePermits system**

<b>PERMITTEE NAME:</b>	Mr. Sukhi Pannu	<b>PERMIT NUMBER:</b>	P526P-16-00253
<b>ORGANIZATION:</b>	CSP Labs	<b>APPLICATION NUMBER:</b>	P526-160719-014
<b>ADDRESS:</b>	3556 Sankey Road Pleasant Grove, CA 95668	<b>FACILITY NUMBER:</b>	2997
<b>MAILING ADDRESS:</b>	3556 Sankey Road Pleasant Grove, CA 95668	<b>HAND CARRY:</b>	No
<b>PHONE:</b>	(916) 655-1581	<b>DATE ISSUED:</b>	07/20/2016
<b>FAX:</b>	(916) 655-1582	<b>DATE AMENDED:</b>	07/20/2016
<b>DESTINATION:</b>	3556 Sankey Road, Pleasant Grove, CA 95668	<b>EXPIRES:</b>	01/19/2019
<b>DESIGNATED PORTS:</b>			

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 Bacteria	Any	Diagnostic Labs	Chile, China, India, Israel, Japan, Mexico, Morocco, Netherlands (Holland), New Zealand, South Africa, Spain, Thailand, Turkey, United Kingdom, Viet nam (Vietnam), Africa, Asia, Australia, Caribbean Islands (except Puerto Rico and US Virgin Islands), Central America, Europe, North America (except USA), South America	Originally Collected from Foreign Locations	N/A
Plant Pathogenic Fungi	Any	Diagnostic Labs	Chile, China, India, Israel, Japan, Mexico, Morocco, Netherlands (Holland), New Zealand, South Africa, Spain, Thailand, Turkey, United Kingdom, Viet nam (Vietnam), Africa, Asia, Australia, Caribbean Islands (except Puerto Rico and US Virgin Islands), Central America, Europe, North America (except USA), South America	Originally Collected from Foreign Locations	N/A
Plant Pathogenic Nematodes	Any	Diagnostic Labs	Chile, China, India, Israel, Japan, Mexico, Morocco, Netherlands (Holland), New Zealand, South Africa, Spain, Thailand, Turkey, United Kingdom, Viet nam (Vietnam), Africa, Asia, Australia, Caribbean Islands (except Puerto Rico and US Virgin Islands), Central America, Europe, North America (except USA), South America	Originally Collected from Foreign Locations	N/A

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Plant Pathogenic Viruses/Viroids	Any	Diagnostic Labs	Chile, China, India, Israel, Japan, Mexico, Morocco, Netherlands (Holland), New Zealand, South Africa, Spain, Thailand, Turkey, United Kingdom, Viet nam (Vietnam), Africa, Asia, Australia, Caribbean Islands (except Puerto Rico and US Virgin Islands), Central America, Europe, North America (except USA), South America	Originally Collected from Foreign Locations	N/A
Plant Pathogens	Any	Diagnostic Labs	Chile, China, India, Israel, Japan, Mexico, Morocco, Netherlands (Holland), New Zealand, South Africa, Spain, Thailand, Turkey, United Kingdom, Viet nam (Vietnam), Africa, Asia, Australia, Caribbean Islands (except Puerto Rico and US Virgin Islands), Central America, Europe, North America (except USA), South America	Originally Collected from Foreign Locations	N/A

**SPECIAL INSTRUCTIONS TO INSPECTORS**

See permit conditions below

**INSTRUCTIONS TO DHS CBP AGRICULTURAL SPECIALISTS:**

**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.
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.
6. If the permitted shipment arrives by hand carrying, in personal luggage, or by personal automobile without a hand carry authorization as specified in both the permit and the PPQ Form 599 Red/White label, seize the shipment and forward it to the nearest USDA APHIS PPQ Plant Inspection Station.
7. Samples for diagnostic purposes do not need a phytosanitary certificate.
8. For questions or concerns, contact the USDA APHIS PPQ Permit Unit in Riverdale, MD, at 866-524-5421.


**INSTRUCTIONS TO USDA PPQ INSPECTORS AT PLANT INSPECTION STATIONS:**

Follow the instructions in the Plant Inspection Station Manual for High-Risk Microbial, Unknown Organisms (Diagnostics) Red and White Label Packages (must be opened in a biosafety cabinet; see procedures for handling on page 3-7-40).

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**

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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.shtml](http://www.aphis.usda.gov/import_export/animals/animal_import/animal_imports_anproducts.shtml).

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.

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 infected, infested, or potentially infected plant materials that may contain plant pathogenic bacteria, viruses, fungi, nematodes and other pathogens from Africa, Asia, Australia, Caribbean Islands (except Puerto Rico and US Virgin Islands), Central America, Chile, China, Europe, India, Israel, Japan, Mexico, Morocco, Netherlands

(Holland), New Zealand, North America (except USA), South Africa, South America, Spain, Thailand, Turkey, United Kingdom, and Viet Nam (Vietnam). The permit is issued to Sukhi Pannu of CSP Labs in Pleasant Grove, California. This authorization is strictly for plant disease diagnostic determinations in a controlled laboratory environment. Culture collections and any other laboratory/field research are not authorized under this permit, separate permits are required for such activities. Diagnostic tests on the regulated materials must be carried out in the inspected facility # 2997 (CF# 2997). Plant inoculations for identification purposes are only authorized in the greenhouse for organisms previously confirmed in the laboratory as a non federally regulated pest and/or a new quarantined pest for California.

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](mailto:pest.permits@aphis.usda.gov) within one business day of the event triggering a notification.

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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](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 persons working with these organisms must be informed of these permit conditions. Anyone working with these organisms must agree 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 in the event of an inspection and presented upon request.

Note: these conditions may be copied and stored electronically for electronic signature and initialing provided that the permit number, authorized 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.

5. All organisms must be shipped in packages of such materials and/or construction so as to prevent the unauthorized dissemination or release of regulated articles.

All infected plant material shipped interstate must be packed in double plastic bags or if viable plant material is required in cloth or paper bags (or equivalent material). These bags must be transported in a sturdy, sealed, leak-proof cardboard, metal box, wood, or other material of equivalent strength.

Field-collected samples of infected plant material must be "bare-root" or washed free of soil. Plants deliberately inoculated with these pathogens in a controlled environment such as a laboratory, growth chamber, or greenhouse may be shipped with a small amount of growing media.

Cultures shall be shipped in a securely closed, watertight container (primary container, test tube, vial, etc.) which shall be enclosed in a second, durable watertight container (secondary container). Several primary containers may be enclosed in a single secondary container. The space at the top, bottom, and sides between the primary and secondary containers shall contain sufficient nonparticulate absorbent material (e.g., paper towel) to absorb the entire contents of the primary container(s) in case of breakage or leakage. Each set of primary and secondary containers shall then be enclosed in an outer shipping container constructed of corrugated fiberboard, corrugated cardboard, wood, or other material of equivalent strength.

All infected samples must be apparently free of insect/arthropod contaminants prior to shipping.

6. Soil samples for nematode extractions must comply with all APHIS domestic soil quarantine requirements (CFR Title7, Part 301, Subparts 32, 80, 81, 85, 86 and 92).
7. Nematode samples and inoculated plants must be handled appropriately (e.g. wear adequate protective clothing, practice adequate hand and shoe sanitation, disinfect all work surfaces after use) so that movement of plant pests out of the facility does not occur. Used disposable items must be collected when leaving the work area. Used disposable items must be sufficiently treated to kill all plant pest life stages prior to disposal. Runoff water from inoculated plants must be collected and sufficiently treated to kill or destroy all plant pest life stages prior to disposal.
8. All operations must be consistent with information submitted in association with containment facility # 2997.
9. 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. Plant inoculations for the purpose of identification are only authorized in the greenhouse for organisms previously confirmed in the laboratory as a non federally regulated pest and/or not a new quarantined pest for California.

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10. Upon receipt, all samples must remain within the approved diagnostic laboratory identified on this permit. Laboratory access is restricted to individuals authorized by the permit holder.
11. Upon receipt, whenever possible, packages must be opened within a laminar flow biosafety cabinet (Class II, Type A) in the permit holder's assigned laboratory containment facilities listed above. Otherwise packages must be opened within an area dedicated for this purpose within the containment facilities listed above.
12. All samples potentially containing mobile arthropod life stages must be placed in a refrigerator for at least 4 hours upon receipt and prior to opening in the Class II, Type A biological safety cabinet. Following this initial processing, living samples in sealed containers may be removed from the biosafety cabinet for subsequent diagnostic determinations.

Arthropod specimens that are either preserved in 70 percent alcohol or in another medium (e.g. fixed in glutaraldehyde) may be moved intra- and interstate without further permitting.


13. All packing materials, plant parts, soil, shipping boxes, etc. which contained or were associated with quarantine pests, select agents or other pests of concern must be placed in autoclavable bags and autoclaved prior to disposal.
14. All waste water, soil and debris from laboratory procedures must be collected and sufficiently treated by heat or chemical means to kill or destroy life stages prior to disposal.
15. Vector transmission is NOT permitted under this authorization. Only mechanical inoculation of plants is permitted.
16. Measures to control insect vectors (e.g. black lights, yellow sticky boards, insecticides) must be in place in growth chamber(s) and greenhouse(s).
17. All infected plant materials and samples being temporarily stored prior to identification must be kept in a locked area that is accessible only by authorized personnel.

All necessary precautions must be taken to prevent the escape of the regulated material.

If for legal or contractual reasons you must store the cultures for long term, you can keep the cultures as long as cultures are never used except for the occasional reculturing to ensure long term viability. Any other use will be a violation of these permit conditions and may result in an APHIS compliance investigation.

18. 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, (c) a pathogen managed by an APHIS program (program pest; [http://www.aphis.usda.gov/plant\\_health/plant\\_pest\\_info/index.shtml](http://www.aphis.usda.gov/plant_health/plant_pest_info/index.shtml)), or (d) a pathogen that is not widely prevalent in the State from which the infected material was obtained ([http://www.aphis.usda.gov/plant\\_health/permits/organism/wpp/index.shtml](http://www.aphis.usda.gov/plant_health/permits/organism/wpp/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](mailto:Pest.Permits@aphis.usda.gov) Attn: Grace O'Keefe, 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](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. 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. The culturing of pathogens to develop new diagnostic procedures is not authorized by this permit.
20. (a) Adequate protective clothing must be worn when working with infected/infested samples so that movement of plant pests out of the facilities on hands, shirts, pants, and shoes does not occur.  
(b) Flooring materials must be maintained free of soil and defects that allow growth or survival of soil-borne pests.  
(c) Work benches must consist of building materials that can be cleaned, and are maintained free of defects that allow growth or survival of soil-borne pests.  
(d) Disposable blotter materials used on workbench surfaces must autoclaved after diagnostic work is completed. Work surfaces must be appropriately cleaned between samples to reduce the potential for survival of soil-borne pests.  
(e) All diagnostic materials must be heat or chemically treated, on-site, sufficient to kill or render non-viable all life stages prior to disposal in municipal sewer or waste systems.

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- (f) Any sink / laboratory waste water that may contain plant pathogenic contaminants (e.g. live nematode life stages, infested soil, infested growing media, and infected/infested plant materials) must be sufficiently treated to kill or destroy all life stages on-site prior to disposal in municipal sewer or waste systems.
21. Upon completion of diagnoses, all infected/infested materials associated with quarantine pests or other pests of concern must be devitalized by autoclaving, incineration, or other equivalent methods. Glassware and other materials used to conduct research must be decontaminated by soaking in a fresh bleach solution of 10 percent (1:10) for at least 30 minutes, in 70 percent ethanol, with quaternary ammonium compounds, or flamed with ethanol.
  22. There is to be no further distribution of these organisms without prior approval from State and Federal regulatory officials. A valid permit is required for movement of the regulated materials.
  23. 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.
  24. Upon issuance of this permit (i.e., a signed PPQ 526), you will need to request the PPQ Form 599 Red/White labels at least 5 days in advance. If you applied online using ePermits, you may request the labels using the My Shipments/Labels feature. Otherwise, send your request to [Redandwhitelabelrequest@aphis.usda.gov](mailto:Redandwhitelabelrequest@aphis.usda.gov). All email requests must come from the permit holder or appointee. If requested by the appointee the permit holder must be Ccd on all requests. Specify the approved port as listed on the permit and the total number of labels needed in multiples of 4. You may request additional labels the same way.  
APHIS-PPQ will send you the labels by email as a pdf. You are responsible for printing this pdf to produce your individual bar coded import labels. You may email the pdf to your suppliers for them to print and attach to the shipment. You or your suppliers must print all labels in color. Failure to do so may result in refused entry or destruction of your package.

A label must be attached with clear tape to the exterior of each package being imported under this permit. The labels will include detailed shipping instructions. You are responsible for instructing your shipper to carefully follow these instructions. You are responsible for each import shipping label issued under this permit.

Enclose the following supplemental information in each shipment:

- Permittee Name
- Permit number
- Label number

Underlying packaging/wrapping must carry the address, billing, and any other information required to direct the shipment to its final destination (i.e., the permit holder's address; N.B., USDA APHIS does not defray any additional shipping costs incurred for transiting the shipment through an inspection station as the initial US destination).

**END OF PERMIT CONDITIONS**

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