



CALIFORNIA DEPARTMENT OF  
FOOD & AGRICULTURE

Karen Ross, Secretary

February 7, 2019

Dr. Sam Livingston  
Sunburst Plant Disease Clinic  
677 East Olive Avenue  
Turlock, California 95380

Dear Dr. Livingston:

This serves to renew and amend State plant pest diagnostic permit no. 3132.

This amendment authorizes maintenance of ONLY four bacterial cultures; *Bacillus thuringiensis*, *Bacillus subtilis*, *Bacillus megaterium*, and *Bacillus cereus*. CDFA Permits and Regulations has been notified that these bacterial species have been identified.

By this renewal, the expiry date is changed to February 28, 2021.

All the permit conditions will remain unchanged.

Sincerely,

Dean G. Kelch, Ph.D.  
Senior Environmental Scientist, Supervisor  
Permits and Regulations/Environmental Compliance  
Plant Health and Pest Prevention Services

cc: Stanislaus County  
PPDC  
File





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## STANDARD CONDITIONS OF STATE DIAGNOSTIC PERMIT

### Permit No. 3132

1. This permit is authorized for the isolation and culturing of plant pathogens only, excluding citrus canker, citrus variegated chlorosis, or any plant pathogen not known to occur in California. Isolation and culturing of animal pathogens, such as anthrax, hoof and mouth disease and exotic Newcastle disease, is prohibited and must be reported to State regulatory officials if found; all animal pathogens must be destroyed.
2. If work conducted under this Permit finds any plant pathogen not known to occur in California, and/or is a quarantine pathogen, regardless of the origin, the California Department of Food and Agriculture, (CDFA), Plant Health and Pest Prevention Services (PHPPS), Permits and Regulations, must be notified within 24 hours at [permits@cdfa.ca.gov](mailto:permits@cdfa.ca.gov). Maintenance of these pathogens is prohibited.
3. **A written report of pathogens identified (including host information and provenance) must be provided semi-annually** to: Permits and Regulations, Plant Health and Pest Prevention Services, CDFA, 1220 N Street, Room 221, Sacramento, CA, 95814, or e-mailed to [Permits@cdfa.ca.gov](mailto:Permits@cdfa.ca.gov). **If a culture collection is authorized under this permit, a list of the cultures kept in storage must also be included in this report sent to CDFA.**
4. All organisms or infected plant material shall be shipped in sturdy, escape-proof containers.
5. A copy of the permit must accompany each shipment of approved organisms, either inside or outside the package. (California Food and Agricultural Code, Section 6305).
6. Permittee shall notify the office of the receiving County Agricultural Commissioner upon the arrival of each shipment (California Food and Agricultural Code, Section 6401).
7. All packages shall be opened in a laminar flow biosafety cabinet, Class II, Type A, in a secure room to prevent the escape of pathogens and insect pests. All isolations and culture transfers shall be conducted in a laminar flow biosafety cabinet that meets or exceeds Class II, Type A or other safe manner. Organisms, and infected plant material if any, shall be kept and used only within the laboratory or designated area at the permittee's address and/or the address specified in Item 5, Section A.
8. No living organisms kept under this permit, inoculated plants, or infected plant material, shall be removed from the confined, designated area except by prior approval from State and, if applicable, federal agricultural regulatory officials.
9. Without prior notice and during regular business hours, federal, state and county agricultural regulatory officials shall be allowed to inspect the conditions under which the organisms are kept and used.
10. All necessary precautions must be taken to prevent escape of pests. In the event of pest escape, this office shall be immediately notified at (916) 654-1017.
11. Upon identification of pathogen, all infected plant material, including: seeds, plant debris, soil, cultures, containers, tools or anything that has contacted the regulated materials 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.
12. All packaging and research materials that come in contact with organisms and/or contaminants and all un-used and leftover material must be sufficiently heat or chemically treated to kill all plant pests and contaminants prior to disposal.
13. No plant inoculations are allowed except for what is necessary for identification purposes. Whenever possible, plant inoculations must be performed in growth chambers. If greenhouse studies are necessary, and have been authorized under this permit, access to the greenhouse must be limited to the permittee and only trained staff. Greenhouse doors must be kept closed and locked at all times. Greenhouse studies are only authorized for organisms previously confirmed in the laboratory and by CDFA as not being quarantine pests or new records for the state. Permittee must request approval from CDFA prior to moving to the greenhouse.

# State Diagnostic Permit Conditions

Page 2

14. Greenhouse must be screened to prevent vector entry or escape. Ongoing monitoring of potential vectors is mandatory. Insect control must be in practice at all times including insect spraying, and use of sticky traps.
15. No vector transmission permitted. If necessary for virus diagnostics, only mechanical inoculation is allowed.
16. There is to be no further distribution of these organisms without prior approval from State and Federal regulatory officials.
17. According to the Food and Agricultural Codes, the movement of organisms and plant material from areas under interior quarantine regulations in California is prohibited except under a special permit specifically written for the quarantine pest. For a current list of California Interior Quarantines, please access the Plant Quarantine Manual at the following website: <http://www.cdfa.ca.gov/phpps/Manuals.html>. In addition, please check the CDFA Pest Rating Website for a list of Quarantine Actionable Pests which have an "A" or "Q" rating at: [http://www.cdfa.ca.gov/plant/regs\\_pestrating.html#path](http://www.cdfa.ca.gov/plant/regs_pestrating.html#path).
18. The permittee will report permit related problems by phone followed by e-mail within three days of the occurrence to the California Department of Food and Agriculture, Permits and Regulation Program, at 916-654-1017 and email [permits@cdfa.ca.gov](mailto:permits@cdfa.ca.gov).
19. This permit is issued only for the named permit holder at the address identified on this permit and cannot be transferred or assigned. If the permit holder ceases to be employed at this location where the organisms received under this permit are kept, the permit holder must destroy the organisms, unless a new individual submits a Form 66-026, obtains a permit prior to the permittee's departure, and assumes responsibility for the continued maintenance of the authorized organisms.
20. Violation of any of the conditions of this permit, or the detection of any serious live plant pest in any shipment authorized by this permit, shall be sufficient cause for immediate revocation of this permit.

Form 66-026 (reverse) For State Diagnostic Permits only. Rev. Oct. 2016

