

Plant Pest Quarantines

Stefan Parnay

Marin County Department of Agriculture
Weights and Measures

November 9, 2017

Topics

- * Exotic and Invasive Pests
 - * The value of Pest Prevention
 - * Purpose of a Quarantine
 - * Establishing a Quarantine
 - * Quarantine Authority
 - * Some Quarantine Examples
 - * How you can help...
 - * A short quiz 😊

Exotic and Invasive Pests

- * Why should we care about exotic and invasive pests?



Exotic and Invasive Pests damage:

- * Agriculture
- * Rangeland
- * Forests
- * People's homes and yards
- * Food supplies
- * Fishing and boating
- * Outdoor recreation

The value of Pest Prevention

Pest prevention is the key!



Jackson fruit fly trap in an orange tree.

The value of Pest Prevention

- * Pest prevention is the key!



*Contra Costa County Biologist/Canine Handler,
Mariah Slusser, with her sidekick Bart*

Purpose of a Quarantine

- * Prevent the movement of harmful pests
- * Protect agriculture, our communities and/or the environment

Establishing a Quarantine

1. What is the threat?
 2. Determine potential spread
 3. Feasibility of control or eradication
- * CDFA – Finding of Emergency, Notice of Proposed Rulemaking – OAL – CCR, and Initial Statement of Reasons

Quarantine Enforcement Responsibilities

United States Department of Agriculture (USDA)
International and Interstate

California Department of Food and Agriculture (CDFA)
Intrastate, Inter-County and Intra-County Coordination

County Agricultural Commissioners
Intra-County and Local Government Outreach

Quarantine Authority

* **Food and Ag Code Section 5301.**

The director may establish, maintain, and enforce such quarantine regulations as he deems necessary to protect the agricultural industry of this state from pests. The regulations may establish a quarantine at the boundaries of this state or elsewhere within the state.

(Enacted by Stats. 1967, Ch. 15.)

Quarantine Authority

* **Food and Ag Code Section 5302.**

The director may make and enforce such regulations as he deems necessary to prevent any plant or thing which is, or is liable to be, infested or infected by, or which might act as a carrier of, any pest, from passing over any quarantine line which is established and proclaimed pursuant to this division.

(Enacted by Stats. 1967, Ch. 15.)

Quarantine Authority

*** Food and Ag Code Section 5306.**

(a) It is unlawful for any person to refuse to comply with any quarantine regulation which is established by the director pursuant to this division.

(Amended by Stats. 1991, Ch. 513, Sec. 1.)

Some Quarantine Examples

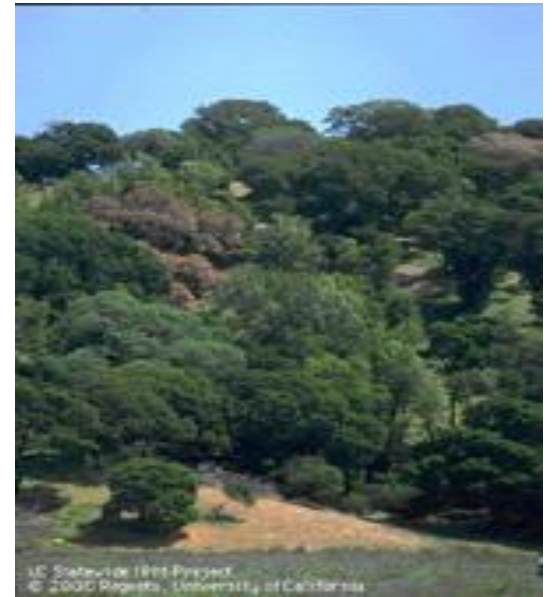
- * Asian citrus psyllid (ACP)
 - * Huanglongbing or citrus greening



- * Exotic Fruit Flies



- * Sudden Oak Death



Quarantine Examples Continued

- * Glassy-winged sharpshooter (GWSS)



- * Japanese beetle



- * Gypsy moth



California Department of Food and Ag Plant Quarantine Manual

CCR Section 3435. Asian Citrus Psyllid

State Interior Quarantine

- * **A. Pest.** A quarantine is established against the following pest, its hosts, and possible carriers: Asian Citrus Psyllid (*Diaphorina citri*).
- * **B. Area Under Quarantine.**
- * **C. Articles and commodities covered**
- * **D. Restrictions**

How you can help...



Incoming Plant Shipments

★ When to contact our office

Received Fax : Sep 24 2017 14:03 Fax Station : Marin Agriculture W&M page 1

09/24/2017 14:46 15304753134

HOB0

PAGE 01/07

STATE OF CALIFORNIA
DEPARTMENT OF FOOD AND AGRICULTURE
PLANT HEALTH AND PEST PREVENTION SERVICES
PEST EXCLUSION BRANCH
Form 68-009 (Rev. 9/2009)



TIME:
2:18 PM

DATE:
9/24/2017

NOTICE NUMBER:
HB1H2017905963

BILL NUMBER:
1609354

WARNING

THIS SHIPMENT IS UNDER
QUARANTINE

THE CONSIGNEE, OWNER OF THIS SHIPMENT, IS REQUIRED TO
TELEPHONE THE COUNTY AGRICULTURAL COMMISSIONER TO
ARRANGE AN APPOINTMENT FOR INSPECTION.

PHONE: (415) 499-6700

Marin County Agricultural Commissioner

COMMODITY:

nursery stock (plants)

AMOUNT:
133 each

ORIGIN:
OR

Incoming Plant Shipments

WARNING

HOLD FOR INSPECTION PLANT MATERIAL

California State Law requires that the person bringing or transporting this shipment report arrival of same immediately to the Agricultural Commissioner or inspector at destination and that the receiver hold same for inspection before planting.

SHIPPING PERMIT (for use within California only)

Issued by Riverside Co.
County Agricultural Commissioner

cut or tear here

NOTICE OF SHIPMENT

Specific Commodity Nursery Stock.

2022187105

Shipper (Address) Village Nurseries

20099 Santa Rosa Mine Rd.

Perris, CA, 92570

Receiver (Address)

275 Olive Ave.
Norato, CA.

Date Issued. 9/25/17

Detach and send to County Agricultural Commissioner
at Destination

Form 66-102 (Rev. 3-83)

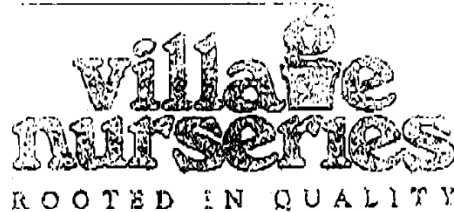
Incoming Plant Shipments

SEP-26-2017 10:48

Village_Nurseries

9516572048

P.001



Mission Statement

"Deliver unsurpassed quality, selection and service to our customers to create value and build long lasting relationships."

Core Values

Integrity • Quality • Innovation • Teamwork • Accountability • Customer Service • Relationships • Profitability

FAX

To: Dep. Of Food and Agriculture

From: Village Nurseries

1682 Novato Blvd. 150 A

Pages:

Novato, CA, 94947-7021

Phone: 415-473-6700

Date:

Fax: 415-473-7543

cc: Stacy Carlson

Urgent For Review Please Comment Please Reply Please Recycle

Greenpoint

COUNTY OF MARIN
AGRICULTURAL DEPARTMENT
RECEIVED
SEP 26 2017

Don't accept
infested or
compromised
nursery stock



Host material hanging over
other plants – create buffer

A short quiz 😊

* The agricultural commissioner system has been in place for approximately:

- a) 60 years
- b) 85 years
- c) 107 years
- d) 136 years



○ Answer is 136 years – the year was 1881

* Organic producers are not allowed to use pesticides on their crops.

* True or False



o Answer is False

- There are dozens of pesticides that can legally be used in certified organic production

* Marin County is home to the 1st organic dairy west of the Mississippi?

* True or False



o Answer is True.

- Straus Family Farm became certified organic in 1994

What is the estimated annual cost to fight non-native pests in the U.S.?

- a) 19 billion
- b) 138 billion
- c) 46 billion
- d) 103 billion

- 138 billion annually

If you aren't sure if a plant shipment needs to be inspected, what do you do?

- a) Assume it doesn't need an inspection
 - b) Plant the plants and then consider if you should call the Ag department
 - c) Call the Ag department first to confirm
-
- c) Call the Ag department to confirm

For every million dollars spent on pest exclusion, about how many millions are estimated to be saved in control or eradication dollars?

- a) \$1 million exclusion equals ~\$1 million eradication
 - b) \$1 million exclusion equals ~\$7 million “ ”
 - c) \$1 million exclusion equals ~ \$13 million “ ”
 - d) \$1 million exclusion equals ~ \$20 million “ ”
- Every million spent on pest exclusion saves approximately \$20 million in control or eradication costs

Key Take-away Points

- * Pest prevention is the key! It's cheap compared to the alternative...
- * When invasive pests become established plant pest quarantines are crucial in the fight against them
- * Don't hesitate to call our office when needed
- * Just because it's organic doesn't mean it's pesticide free
- * Do your part by keeping an eye out for invasives
- * Start training inspectors at a young age! 😊

Marin County Department of Agriculture

* Visit us at

* <http://www.marincounty.org/depts/ag>

* Have a question? Need help? Contact us at (415) 473-6700

