* 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!
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

Quarantine Enforcement Responsibilities

United States Department of Agriculture (USDA)
International and Interstate Coordination

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.)*
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.)
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
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

STATE OF CALIFORNIA
DEPARTMENT OF FOOD AND AGRICULTURE
PLANT HEALTH AND PEST PREVENTION SERVICES
PEST EXCLUSION BRANCH
Form 66-099 (Rev. 9/2009)

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

nursery stock (plants)

133 each

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
Issued by Riverside Co.
County Agricultural Commissioner

NOTICE OF SHIPMENT
Specific Commodity Nursery Stock.
# 2002387465
Shipper (Address) Village Nurseries
20099 Santa Rosa Mine Rd.
Perris, CA, 92570

Receiver (Address) 295 Olive Ave.
Novato, CA

Date issued 9/25/17
Detach and send to County Agricultural Commissioner at Destination
Form 66-102 (Rev. 3-83)
Incoming Plant Shipments

Village Nurseries

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

To: Dep. Of Food and Agriculture
From: Village Nurseries

1682 Novato Blvd. 150 A
Novato, CA 94947-7021

Phone: 415-473-6700
Fax: 415-473-7543

Date: 9/26/17

Pages: 4

CC: Stacy Carlson

Urgent □ For Review □ Please Comment □ Please Reply □ Please Recycle

Greenpoints

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

- 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

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
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
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! 😊
Visit us at

http://www.marincounty.org/depts/ag

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