Notice of Violation tally for 2014

- 4 NOV's for unregistered pest control businesses/Landscape maintenance businesses
- 2 NOV's for no pesticide labeling at use site
- 2 NOV's for emergency medical care posting
- 2 NOV's for not submitting use reports
- 1 NOV for no Personal Protective Equipment (Goggles, gloves, etc.)
- 1 NOV for service container labeling
- 1 NOV for equipment not identified (Pest Control and Landscape Business)

County Registration (For Pest Control Businesses and Landscape Maintenance Businesses ONLY)



STATE OF CALIFORNIA DEPARTMENT OF PESTICIDE REGULATION PESTICIDE USE

FIRM / PERSON INSPECTED

PROPERTY OPERATOR PROPERTY LOCATION / SITE ID

ADJACENT ENVIRONMENT

HANDLER'S NAME / # INTERVIEWED

MONITORING INSPECTION REPORT

SUPERVISOR

TREATMENT AREA

PESTICIDE NAME / MANUFACTURER

PR-ENF-104 (REV. 01/10) Page 1 of 1

☐ COMPLETE ☐ PARTIAL ☐ FOLLOW-UP INSPECTION										10)4- (8 ()542	24		
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A. APPLICATION					B. MIX/LOAD			PPL	ICA	ATION B. MIX/LOAD				
COMPLIANCE		Section	COMPLIANCE		COMPLIANCE			REQUIREMENTS, (Continued) Section COMPLIANCE						
YES NO	N/A	REQUIREMENTS	Section	YES	NO	N/A	YES	NO	N/A	YES NO NA				
		1. PCB Licensed	11701							19. Closed Sys. Used /Criteria - "Danger" 6746				
		2. PCB Registered in County	11732		L			L	Minute.					
	Art. on	Labeling Available at Use Site	6602			-				21. Equipment Registered - PCB 11732				
		Notice of Intent Submitted	6434							22. Equipment Identified - PCB 6630				
		Certified Applicator Sup RM	6406							23. Backflow Prevention - Airgap 6610				
		Complies w/Permit Conditions	12973							24. Containers Secured / Attended 6670				
		7. Labeling - Site/Rate/Other	12973		\Box	WHEE BEAL				25. Containers Labeled / Closures 6676				
\neg		8. Labeling - PPE	12973							26. Service Container Labeling 6678				
		9. Regulations - PPE	6738							27. Proper Containers 6680				
		10. Respiratory Protection	6739							28. Proper Pesticide Transport 6682				
		11, Coveralls, "Warning / Danger"	6736							29. Containers Properly Rinsed 6684				
\neg		12. Handler(s) Trained	6724			\Box	- Constant	Property	Timer in	30. Accurate Measurement 6604				
		13. Emergency Med. Care Posting	6726							31. Ground Water Protection 6487.1-5				
		14. Employee Working Alone, "Danger"	6730							32. Wellhead Protection 6609				
\neg		15. Decontamination Facility	6734		1		I			33. Dormant Insecticides 6960				
		16. Eyewash Immed. Available - Prod. Ag.	6734(c)	i										
		17. Field Postings	6776	THE POST	TOTAL ST	arrhouse.	г	-						
		18. Safe Equipment	6742		-	3000	OFFICE CONTRACTOR		-	TOTAL TOTAL				
COMPLIA	COMPLIANCE ACTIONS:						COMPLIANCE ACTIONS, (Continued):							
Cease a	Cease and Desist Order 11737 / 11897 / 13102 YES NO						Correct Noncompliances By:							
Follow-u	р Ке	pariupe	YES		NO		·							
Remarks	s - In	clude a detailed description of noncompliance	s. When a	dditi	onal i	space	is re	quire	d, co	continue on Inspection Report / VN Supplement, PR-ENF-111.				

INSPECTOR (Print Name)

Signature

TIME AND DATE INSPECTED

(C.C.R. 6602)Labeling Available at Use Site

- California Department of Pesticide Regulation Enforcement Letter 06-13 states:
- "DPR has determined any document that is an accurate depiction of the directions, restrictions, and precautions on the registered labeling is acceptable for complying with 3 CCR section 6602. This includes specimen labels, CDs, labeling downloaded from a registrant Web site or Crop Data Management System, photocopies, or photographs. If a CD or similar technology is used there must be

a means to view the content at the site. It is the

responsibility of the user to ensure that the labeling he or she brings to the site is a true and accurate reflection of the currently registered labeling.

(C.C.R. 6726) Emergency Medical Care Posting. (Applies to Everyone Handling Pesticides)

- Remember an emergency medical care posting must be placed in a prominent place at the work site or on the work vehicle.
- Medical care information in an <u>employee's</u>
 wallet or in the <u>glove compartment</u> of the
 work vehicle does <u>NOT</u> meet the
 requirements of this regulation and could lead
 to a non-compliance.

EMERGENCY MEDICAL CARE IS AVAILABLE TWENTY-FOUR (24) HOURS A DAY AT THE FOLLOWING FACILITIES:

ADDRESS	PHONE
1900 Sullivan Ave. Daly City	991-6892
1200 El Camino Rl. South San Francisco	742-2511
Marine Blvd. & Etheldore Moss Beach	563-7114
1783 El Camino Rl. Burlingame	696-5500
RAL 222 W. 39th Avenue San Mateo	573-2671
100 S. San Mateo Dr. San Mateo	696-4500
1150 Veterans Blvd. Redwood City	299-2200
170 Alameda Whipple Ave.&Alameda Redwood City	367-5541
300 Pasteur Dr. Palo Alto	723-5111
	1900 Sullivan Ave. Daly City 1200 El Camino Rl. South San Francisco Marine Blvd. & Etheldore Moss Beach 1783 El Camino Rl. Burlingame RAL 222 W. 39th Avenue San Mateo 100 S. San Mateo Dr. San Mateo 1150 Veterans Blvd. Redwood City 170 Alameda Whipple Ave.&Alameda Redwood City 300 Pasteur Dr.

THE EMPLOYER SHALL MAKE **PRIOR** ARRANGEMENTS FOR <u>EMERGENCY</u> <u>MEDICAL CARE</u> FOR ALL EMPLOYEES HANDLING PESTICIDES AND SHALL <u>POST</u> IN A PROMINENT PLACE AT THE WORK SITE THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE PHYSICIAN, CLINIC OR HOSPITAL EMERGENCY ROOM PROVIDING CARE.

IMMEDIATE MEDICAL EMERGENCY: Dial 911 SAN FRANCISCO BAY AREA POISON CENTER: 1-800-523-2222

(C.C.R. 6678) Service Container Labeling (Applies to Everyone Handling Pesticides) 6678. Service Container Labeling.

- Service containers, such as backpack spray tanks, large container tanks mounted on a vehicle, hand held spray containers etc., must have the following information attached to it:
- (a) The name and address of the person or firm responsible for the container;
- (b) The identity of the pesticide in the container; and
- (c) The signal word "Danger," "Warning," or "Caution," in accordance with the label on the original container.

(C.C.R. 6630) Equipment Identified (Only Applies to PCBs and MGs/Pest Control Businesses)

- PCBs and MGs must identify each vehicle that is used for mixing and applying pesticides as follows:
- Identification on each vehicle must be readable at a distance of 25 feet and must include
- 1) The Business Name
- 2) OR the pest control business license number (from CDPR) and a statement such as "Licensed Pest Control Operator" or similar wording.

(C.C.R. 6628) Negative Use Reports (Only Applies to PCBs and MGs)

- According to CCR 6628, all licensed pest control businesses (agricultural/structural pest control businesses and landscape maintenance gardeners) MUST submit a "Negative Use Report to the respective county where they are registered to apply pesticides EVEN IF no pesticides were used for the entire month. These use reports like regular use reports must be submitted by the 10th of the following month.
- This code section does <u>NOT</u> apply to CITIES, CEMETERIES, GOLF COURSES or GROWERS.

CalAgPermits and On-Line Pesticide Use Reporting

San Mateo County Department of Agriculture/Weights and Measures

www.CalAgPermits.org

- Internet based program
 - Used by all California County Agriculture
 Departments
 - San Mateo County started using the Cal Ag permit system in September 2011.
- Used For Permit Issuance
 - Maps connected to sites, Utilizes new GIS features
- Pesticide Use Reporting

Users of CalAgPermits

- The following entities must report their pesticide use under CCR 6626 (Production Agriculture) & 6627 (Everyone else):
 - Growers (production agriculture)
 - Municipalities, Golf Courses, & Cemeteries (nonproduction agriculture)
 - Agricultural Pest Control Companies
 - Maintenance Gardeners
 - Structural Pest Control Companies

Requesting a Username & Temporary Password from San Mateo County Dept. of Agriculture

- You can call us at (650) 363-4700 with your request and we can fax you the request form to fill out or you can stop by our office and pick up the form. OR:
- Send us an e-mail requesting a User Name and temporary password. The e-mail will be routed to a district biologist who will guide you through the process.
- Our Email Address: smateoag@smcgov.org

If we are your home county, you can call your district biologist at our phone number (650) 363-4700. We cannot help you with setting up a user name and password for other counties. For that you need to contact their county offices. Remember the user name and password is unique to each individual county agricultural commissioners office.

Department of Agriculture/Weights and Measures



COUNTY OF SAN MATEO

BOARD OF SUPERVISORS

Dave Pine Carole Groom Don Horsley Rose Jacobs Gibson Adrienne Tissier

Fred W. Crowder Agricultural Commissioner Sealer of Weights & Measures

726 Heller Street • P.O. Box 999 • Redwood City, California 94064-0999 • (650) 363-4700 • FAX 367-0130 • www.co.sanmateo.ca.us/agwm

ON-LINE PESTICIDE USE REPORTING REQUEST FORM FOR WWW.CALAGPERMITS.ORG

Please fill in the following information to request your username and password for CalAgPermits. This form maybe returned to your district biologist, faxed to (650)367-0130, or emailed to smalleo.ca.us (subject line: CalAgPermits login request).

Company Name:	-
First Name:	_
ast Name:	_
e-Mail:	_
Address:	
City:	
State/Zip:	
Phone:	
Company Type:	
(Grower/PCO/Structural/Maintenance Gardener)	
Permit /Operator ID No./License No.:	
User Name:	
(Company name if left blank)	

Search All Departments





Agricultural Programs *

Weights and Measures v

Agricultural Crop Report *

About Us

DOES YOUR GARDENER APPLY PESTICIDES?









Agriculture/Weights &

Measures

728 Heller Street

Redwood City, CA 94064 Phone: (650) 363-4700

Fax: (650) 367-0130

smateoag@smcgov.org

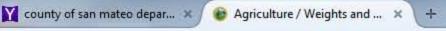
Field Offices

- Half Moon Bay
 (650) 726-2514
- San Bruno
 (650) 877-5762

CUSTOMER SATISFACTION SURVEY

Read more

The San Mateo County Department of Agriculture/Weights and Measures is a regulatory and informational agency serving agriculture, industry and the community. The County Agricultural Commissioner/Sealer of Weights and Measures is the local enforcement authority for the California Department of Food and Agriculture and the







COUNTY OF SAN MATEO AGRICULTURE / WEIGHTS AND MEASURES









agwm.smcgov.org/regulating-pesticide-use



COUNTY OF SAN MATEO AGRICULTURE / WEIGHTS AND **MEASURES**



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Regulating Pesticide Use

Pesticide Regulation

Pesticide Related Links

Maintenance Gardener Licensing

The Pesticide Use Enforcement Program pro applicators, field workers, and the environm enforcement of state and federal laws and re

Department Biologists:

- provide information and training to workers, on the safe use of pesticides;
- monitor pesticide applications at both urban are performed in a safe and effective manne are followed;
- inspect application equipment, pesticide sto

on for Pest Control Companies, Pest Control Advisors and Farm Labor Contractors

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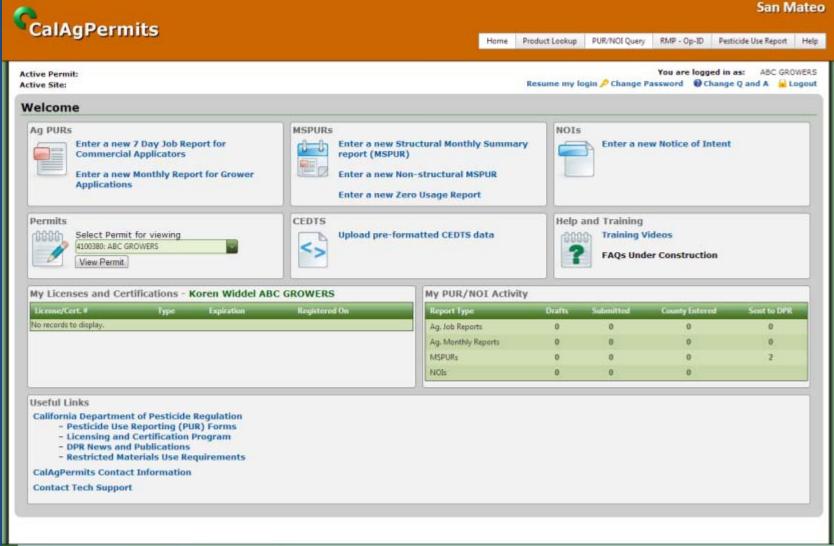
county Agricultural Commissioners will no longer proctor the Branch 2/3 applicator license exams. Applicants will have to take their exams

he Structural Pest Control Board (SPCB) Operator and Field Representative license exams. There are no testing centers in San Mateo Co

Steps to Log on

- Go to www.calagpermits.org
- Type in your username and temporary password.
 - Usernames and Passwords are case-sensitive
- Change your temporary password.
- Set-up your security questions.
 - Allows you to reset your password without calling our office.

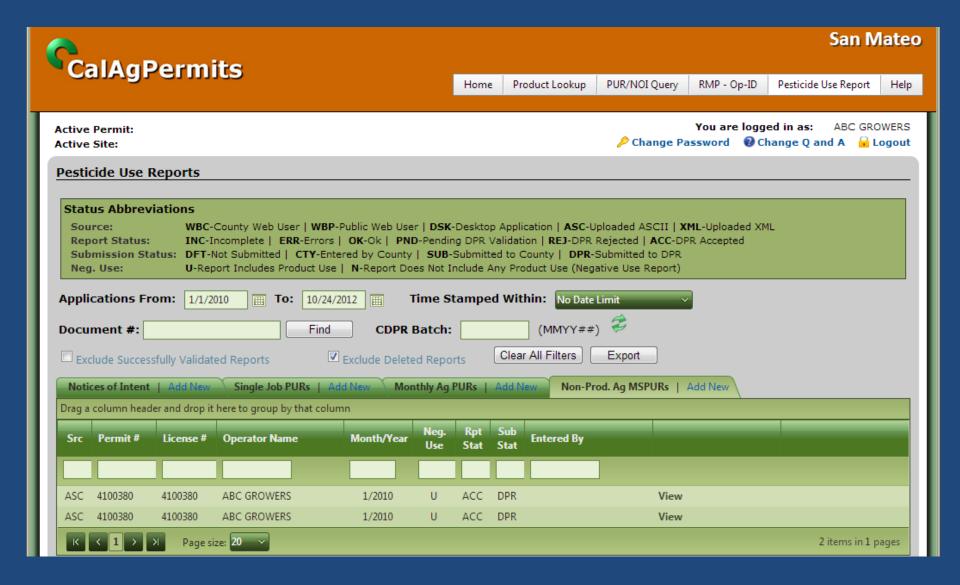
CalAgPermits Public User Home Page



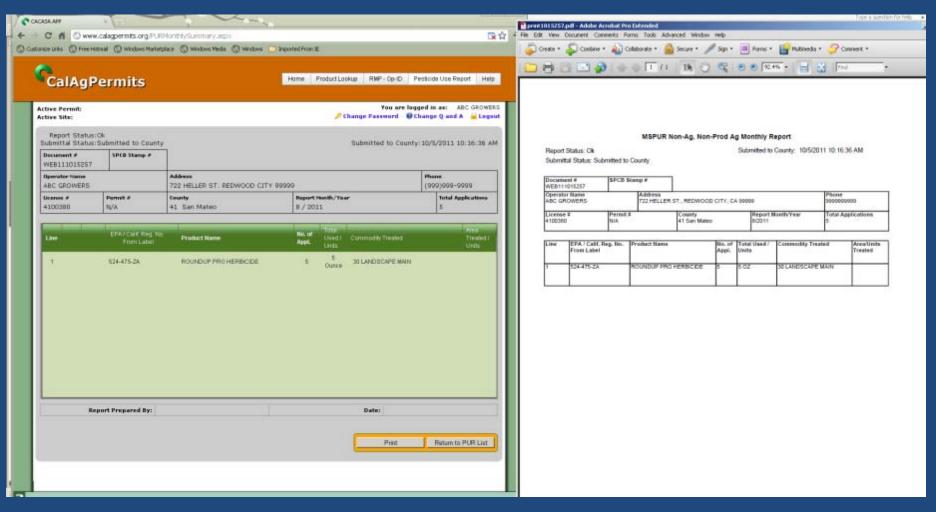
Data Entry Screen

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	_			Save Line Clear	Line					

Finding your records using the PUR/NOI list



Printing and Saving Reports



2nd Generation Anitcoagulant Rodenticides (SGARs)

- 2012 U.S EPA placed prohibitions on sales and labeled uses of second generation anticoagulant rodenticides (SGARs) in and around structures and in 2013 cancelled numerous products.
- Due to potential hazards to non-target wildlife, California passed regulations to make the remaining registered products restricted materials effective July 1st, 2014.
- The 4 (SGARs) active ingredients that are now California restricted materials are:
- 1) Brodifacoum
- 2) Bromadiolone
- 3) Difenacoum
- 4) Difethialone
- F.Y.I., all California restricted materials can be viewed on DPR's website within its search engine as: 3 C.C.R. 6400.

Common Trade Names

- Brodifacoum (20 active products): Final Weather Blox, Talon G Rodenticide, Weatherblox XT Rodenticide
- Bromadiolone (37 active products): Contrac All Weather Blox, Maki Mini Blocks, Contrac Rat and Mouse Bait
- Difenacoum (7 active products): Victor V Multi Kill Brand Blocks II
- Difethialone (12 active products): Generation
 Mini Blocks, First Strike Soft Bait

2nd Generation Anitcoagulant Rodenticides (SGARs)

- DPR analyzed wildlife incident and mortality data between 1995 and 2011. Also analyzed were rodenticide use and sales between 2006 and 2010. The data showed that exposure and toxicity to non-target wildlife from second generation anticoagulant rodenticides was a statewide problem.
- Ex: Of the 492 animals (various wildlife) analyzed between 1995 and 2011, approximately 73% had residues of at least one (SGAR).
- The data did not link specific uses, or location of use of (SGARs) whether it was due to type of users or whether it was indoors or outdoors.

2nd Generation Anitcoagulant Rodenticides (SGARs)

 Brodifacoum, Bromadiolone, Difenacoum and Difethialone are also tied into 3 C.C.R. 6471 which is now in place and prohibits placing any of these 4 above ground baits **MORE** than 50 ft. from a man-made structure, *UNLESS* there is a feature associated with the site that is harboring or attracting the pest that happens to be in-between the 50 ft. limit and the placement limit on the pesticide label, which usually is 100 ft.

2nd Generation Anitcoagulant Rodenticides (SGARs)

- Brodifacoum, Bromadiolone, Difenacoum and Difethialone are labeled only for control of 3 rodent species:
- 1) Norway rats
- 2) Roof rats
- 3) House mice
- 2nd Generation SGAR labels explicitly prohibits use against any other pest species
- There are currently 76 registered products containing these 4 active ingredients (restricted materials).

1st Generation Anticoagulant Rodenticides (FGAR)

- First Generation Rodenticides with active ingredients such as Chlorophacinone, Diphacinone and Warfarin are <u>NOT</u> California Restricted Materials.
- (FGARs) do not have as long of a half life in an animals' tissue as (SGARs).
- Example: According to a U.S. EPA study, the persistence of anticoagulants in the liver tissue of animals tested were as follows:
- 1) Brodifacoum 217 days
- 2) Bromadiolone 248 days
- 3) Difethialone 118 days
- 4) Diphacinone 90 days
- 5) Warfarin 35 days

Standard Language found on all Anticoagulant rodenticides

- The following statements or statements similar are found in the "Directions For Use section of a label."
- "Requires bait stations for outdoor above ground use"
- "Must be placed in out of reach areas OR Tamper resistant bait stations must be used if children, pets, non-target mammals or birds may access the bait"

Bagrada Bug information

- Bagrada Bugs are stink bugs that belong to the Hemiptera (True Bug) Order. Stink bugs release a foul smelling liquid from their thorax whenever they feel threatened.
- They feed primarily on mustard greens and sweet alyssum of the mustard family, but can be a serious pest of other mustard family crops such as cabbage, cauliflower, broccoli, kale and turnip.
- They are native to Africa and have spread to India, Pakistan, Italy and parts of Southeast Asia.
- The first U.S. find was made in L.A. County in 2008. In 2013, it was found in Fresno, Tulare and Monterey counties.
- In August 2014 it was found in Redwood City

From left to right Harmonia axyridis, Bagrada hilaris, Mormidea pama (found primarily on grass species and native to Florida) and Murgantia histronica



Bagrada Bug



Bagrada Bug information

- Bagrada Bugs have multiple generations throughout the year and generally peak in the late summer and fall.
- They are 5-7 mm long and are about 2-3 mm in width at their widest part.
- Multiple insecticide treatments are usually necessary to control the insect. Organic farmers usually will use covers to protect seedlings since Bragada bugs wait until germination to go after the leaves of seedlings.
- These insects tend to bury their eggs in the soil which lessens the chance of beneficial insects such as wasps from parasitizing the eggs.
- They are considered to be established in this county as well as other counties throughout the state, therefore state (CDFA) actions will not be implemented.

Asian Citrus Psyllid

- A small insect that is the size of an aphid at approximately 1/8 of an inch long.
- It can transmit a bacterial disease called Huanglongbing (HLB) or citrus greening disease which is fatal to citrus trees.
- The state of California has a 1.8 billion dollar citrus industry.
- California's citrus industry ranks 1st in the U.S. in terms of value and second (after Florida) in terms of production
- California is the main source (80%) of fresh market oranges and supplies 87% percent of the nation's lemons.



Adult Asian Citrus Psyllid

Psyllids lays their eggs on growing shoots on and between young and unfurling leaves. A female psyllid can produce as many as 300 to 800 eggs in their lifetime. Nymphs pass through 5 instars

Adults may live for more than a month and typically there are 9 to 10 generations per year.

Huanglongbing (HLB) or citrus greening disease

First symptoms are yellowed leaves, which are similar to citrus plants with nutritional deficiencies. The HLB mottling effect, however is <u>NOT</u> the same on both sides







(HLB)

- On February 9, 2015, U.S. Secretary of Agriculture Tom Vilsack announced \$30 million in funding for 22 projects to help combat (HLB).
- Projects will be a combination of short term and long term solutions. Ex: Thermotherapy (the application of heat) to help regain productivity to HLB infected trees, using dogs to detect HLB infected trees, lowering the pH levels in irrigation water and soil to strengthen the root systems, insect traps used to attract and kill (ACP) adults, etc.
- In addition to these projects, the USDA's National Institute of Food and Agriculture funded more than \$23 million dollars for research and education projects to find lasting solutions to (HLB).

(HLB) continued

- Commercially produced fruit (no leaves or stems) is not regulated because even if the fruit is infected with (HLB), the bacteria cannot be transmitted without the Asian Citrus Psyllid present on the fruit itself. Psyllids that might be present on the fruit, are removed through the typical commercial fruit cleaning process. Also, psyllids do not feed on the fruit.
- Citrus shipments with leaves and stems still attached, will be tested for (HLB) and may be rejected without proper certification or if the sample tests positive.
- Backyard fruit that is moved from one area to another is more at risk, because there is a chance that the fruit was not thoroughly cleaned leaving the opportunity that an active psyllid might be present and hitchike its way through.

Tips to help fight the movement of the Asian Citrus Psyllid and (HLB)

- Please hold back from ordering citrus fruit (mainly plants)
 origninating from Florida or any other states as well as Mexico and
 Asia.
- Please limit the movement of citrus plants or plant material in or out of your area, or across state or international borders.
- Cooperate with your local agricultural commissioners office when our pest detection specialists wish to place yellow sticky panel traps on your citrus plants to monitor for the Asian Citrus Psyllid.
- If you suspect your tree has the psyllid or the disease, you can call the Califorinia Department of Agriculture at 1-800-491-1899 or call us (your local ag. Commissioners office).
- County of San Mateo Ag. Commissioners office (650) 363-4700.

School IPM information

- For information about California School IPM go to: www.cdpr.ca.gov/schoolipm
- There are now 11 informational videos on school IPM. You can view the videos on You Tube. Just type in "Integrated Pest Management for Schools" in the You Tube search engine. You will see the videos are posted by California Pesticides (CDPR) with the "DPR logo."