



Regulatory Update

San Mateo County

Department of Agriculture

March 2014

SECOND GENERATION ANTICOAGULANTS

Department of Pesticide Regulation has proposed additional restrictions on second generation anticoagulant rodenticides. The official public comment period ended 10/4/2013.

These anticoagulants would become State Restricted Materials: Brodifacoum (d-Con, Final, Talon), Bromadiolone, Difenacoum, and Difethialone. Purchase and use of these pesticides would require a restricted materials permit.



PROPOSED REGULATION

Proposed California Code of Regulations (C.C.R.) section 6471. Brodifacoum, Bromadiolone, Difenacoum, and Difethialone

This section supplements the label restrictions on the use of brodifacoum, bromadiolone, difenacoum, and difethialone.

- (a) It is prohibited to place any above ground bait more than 50 feet from a man-made structure unless there is a feature associated with the site that is harboring or attracting the pests targeted on the label between the 50-foot limit and the placement limit specified on the label.



Pesticide Labels

■ Labels Change

- ☐ Additional PPE may be added
- ☐ New buffer zones are starting to show up on labels.
- ☐ Drift Minimization.
- ☐ Use restrictions may change.

■ When a new shipment comes in pull the label off the container and look for changes.

PRESCRIBE Mobile App

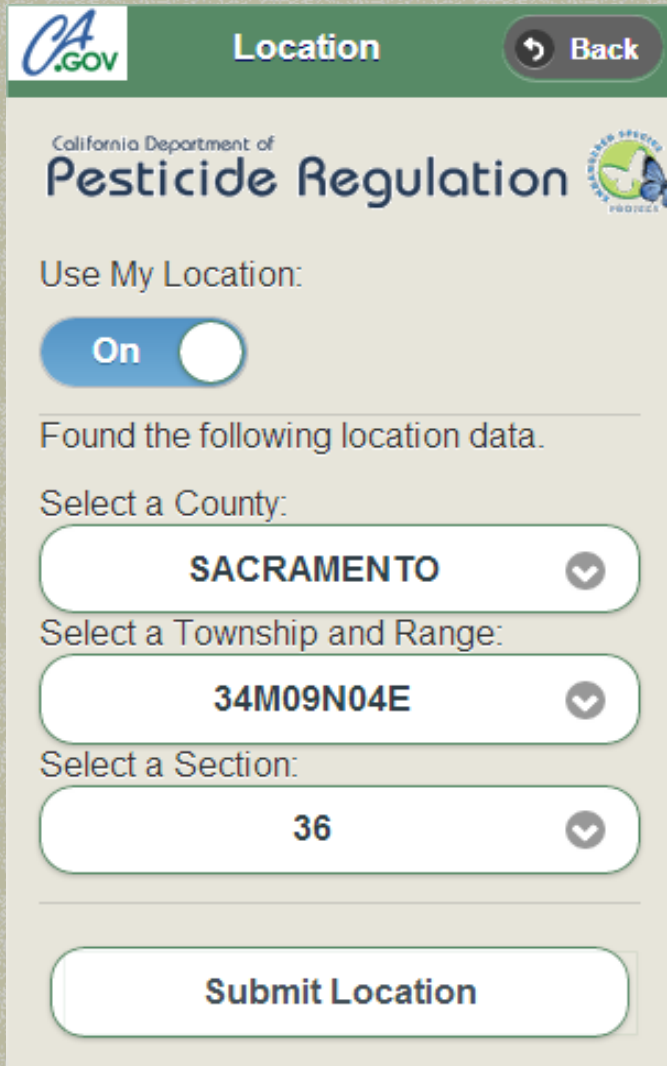
mobile.cdpr.ca.gov/prescribe

Welcome Screen





PRESCRIBE Mobile App



The screenshot shows the 'Location' screen of the PRESCRIBE Mobile App. At the top, there is a green header bar with the 'CA.GOV' logo on the left, the word 'Location' in the center, and a 'Back' button with a left arrow on the right. Below the header, the text 'California Department of Pesticide Regulation' is displayed, accompanied by a logo on the right. A toggle switch labeled 'Use My Location:' is set to 'On'. Below this, a message states 'Found the following location data.' followed by three selection fields: 'Select a County:' with 'SACRAMENTO' selected, 'Select a Township and Range:' with '34M09N04E' selected, and 'Select a Section:' with '36' selected. Each field has a dropdown arrow. At the bottom, there is a 'Submit Location' button.

CA.GOV Location Back

California Department of Pesticide Regulation

Use My Location:
On

Found the following location data.

Select a County:
SACRAMENTO

Select a Township and Range:
34M09N04E

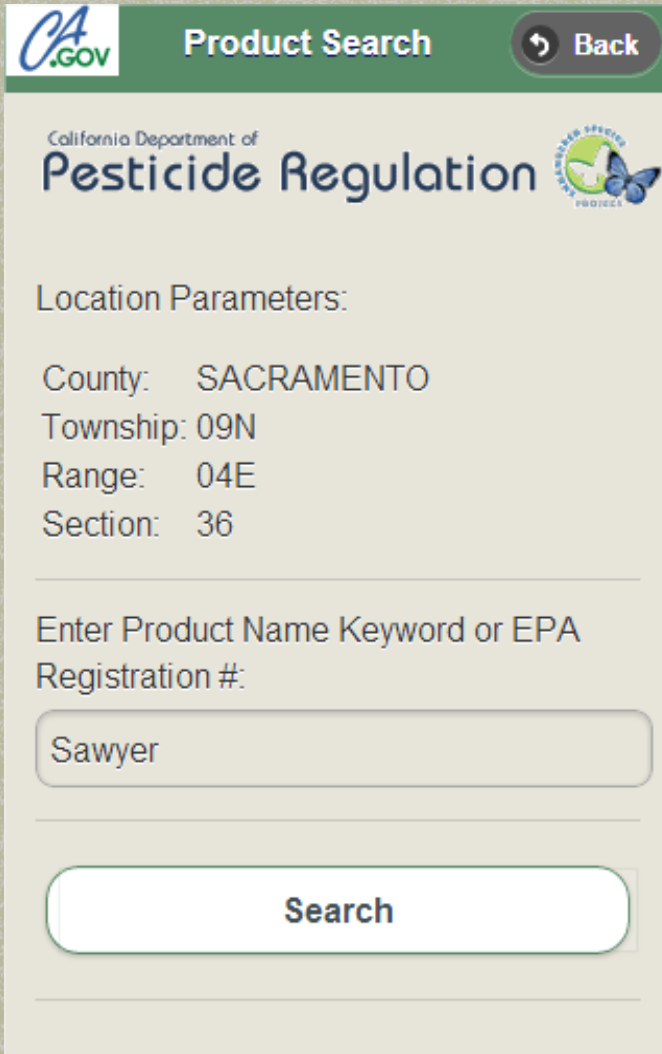
Select a Section:
36

Submit Location

Location Search Screen

Use My Location: Particularly useful function for applicators unfamiliar with Township, Range, Section coordinate system it will find the T/R/S by matching it with phone location.

PRESCRIBE Mobile App



The screenshot shows the 'Product Search' screen of the PRESCRIBE Mobile App. At the top, there is a green header bar with the 'CA.GOV' logo on the left, the text 'Product Search' in the center, and a 'Back' button with a left arrow on the right. Below the header, the 'California Department of Pesticide Regulation' logo is displayed, featuring a butterfly and the text 'SAFER SPECTRUM PROTECT'. Underneath the logo, the text 'Location Parameters:' is followed by four fields: 'County: SACRAMENTO', 'Township: 09N', 'Range: 04E', and 'Section: 36'. Below these fields is a text input area labeled 'Enter Product Name Keyword or EPA Registration #' with the word 'Sawyer' entered. At the bottom of the screen is a large, rounded 'Search' button.

CA.GOV Product Search Back

California Department of
Pesticide Regulation

Location Parameters:

County: SACRAMENTO
Township: 09N
Range: 04E
Section: 36

Enter Product Name Keyword or EPA
Registration #:

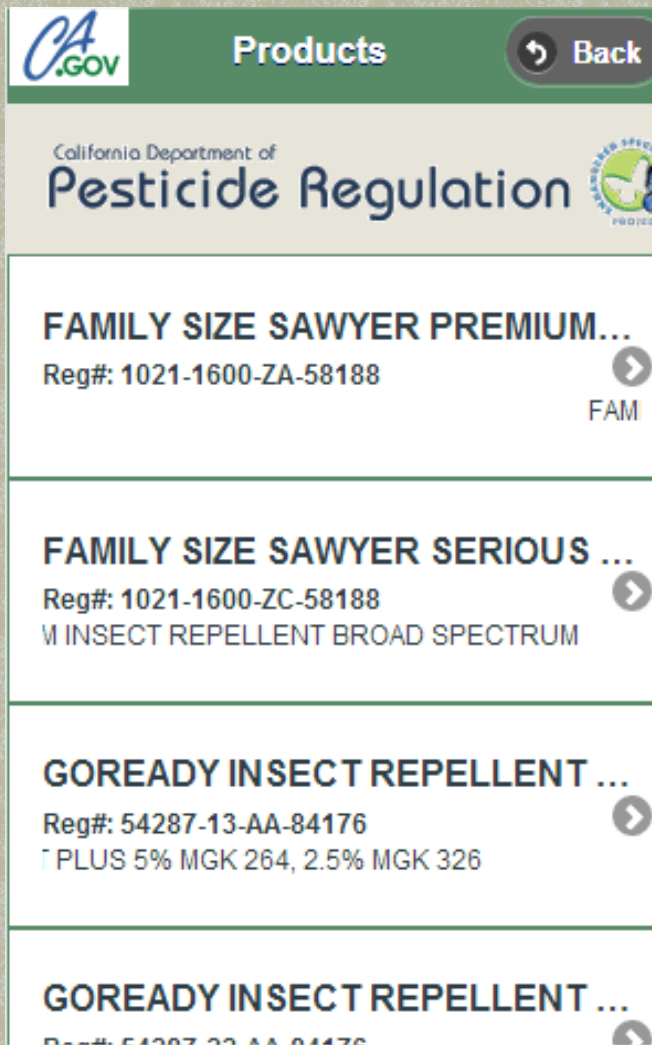
Sawyer

Search

Product Search Screen


- Enter product name keyword or EPA Registration Number.
- Tap on "Search" button

PRESCRIBE Mobile App



Product Results Screen

- By tapping on a product's box, a "ticker" scrolls the full name of the product or EPA Registration Number.
- By tapping in the middle of a product box we get to the full report.




Full Report

Back

California Department of

Pesticide Regulation



For the following location:

County: SACRAMENTO

Township: 09N

Range: 04E

Section: 36

The following product has these use limits:

Product: SAWYER PERMETHRIN
TICK REPELLENT

Active Ingredients

Use Limits: 10, 15, 16, 17

Use Limits Key

10

Do not use in currently occupied habitat (se...

15

Provide a 20-foot minimum strip of vegetatio...

16

10


Conduct irrigations efficiently to prevent exce...

17

For sprayable or dust formulations: when th...


The following species are protected:

Species List




[E] CHINOOK SALM...

IOOK SALMON- SACRAMENTO



[T] CHINOOK SALM...

CHINC



[T] STEELHEAD - C...

PS

Special Status Key

Q

New Search

PRESCRIBE Mobile App

Full Report Screen

- By tapping on each box, it can be expanded.



California Department of
Pesticide Regulation



STEELHEAD - CENTRAL VALLEY DPS



Photo by Richard T. Grost

Scientific Name

ONCORHYNCHUS MYKISS
IRIDEUS

Species Description


A genetically distinct and evolutionarily significant anadromous or freshwater fish related to rainbow and cutthroat trout.

General Habitat Information

POPULATIONS IN THE
SACRAMENTO AND SAN JOAQUIN


PRESCRIBE Mobile App

Species Details Screen



Pesticide Use Monitoring Inspection:

What to expect during an inspection

- 
- **1) Is the Pest Control Business Licensed?**
 - **2) Is the Business registered with the County?**




■ **3)Registered Label must be at the use site**

- ☐ On the container or in label binder.
- ☐ Partial Label not acceptable

■ **4) Has a NOI been submitted for any California Restricted Materials.**

- ☐ Minimum 24 Hours in advance of application



■ **5) Is there a Certified Applicator supervising applications of Restricted Materials?**

- ☐ This applies to both CA restricted and Federally restricted pesticides.
- ☐ Can be via phone/radio if there are at least two non-cert applicators on site.

■ **6) Does the application comply with permit conditions?**



■ 7),8) Labeling.

- ☐ Always read and follow the label.
- ☐ PPE, Site specifics (crack and crevice only), rate, etc...
- ☐ Labels regularly change so always check whenever a new shipment of product comes in.

■ 9) PPE Regulations.

- ☐ Must always wear at the minimum eye protection and chemical resistant glove.

Personal Protective Equipment

- Work Clothing
- Coveralls
- Eyewear
- Gloves
- Footwear
- Headgear
- Aprons
- Chemical Resistant Suits
- Respirators



Protective Eyewear

- When pesticide label does not specify any particular type, protective eyewear may consist of:
 - ☐ Safety glasses
 - Must provide front, brow and temple protection.
 - ☐ Goggles (face-sealing)
 - ☐ Face shield
 - ☐ Full-face respirator

Proper Safety Glasses

How To Verify That Safety Glasses Are Acceptable.

Apply this simple test to determine if safety glasses have brow and temple protection.

Determine if protective eyewear has acceptable brow and temple protection.

Figure A



This is not considered acceptable protective eyewear. The pencil test shown in Figure A indicates that the pencil can easily be placed between the glasses and the face and freely rotate within the surrounding space. This illustration shows that there is no supplemental "brow and temple protection" provided by these glasses.

Figure B



This is considered acceptable protective eyewear. The pencil test shown in Figure B indicates that the pencil cannot easily be placed between the glasses and the face and freely rotate within the surrounding space. This illustration shows that there is supplemental "brow and temple protection" provided by these glasses.

Protective Eyewear

■ Eyewear Required When:

- ☐ Hand applications.
- ☐ Adjusting, Cleaning or Repairing Equipment
- ☐ Eyewear not required if:
 - Applying vertebrate pest control baits without bait propelled application equipment
 - Applying solid fumigants (aluminum phosphide, magnesium phosphide and smoke cartridges to vertebrate burrows
 - Baiting insect monitoring traps or applying non-insecticidal lures

☐ Ground Applications (VEHICLES ONLY) .

Injecting or incorporating pesticides into soil

Spray nozzles located below employee and nozzles directed down

Working in an enclosed cab.

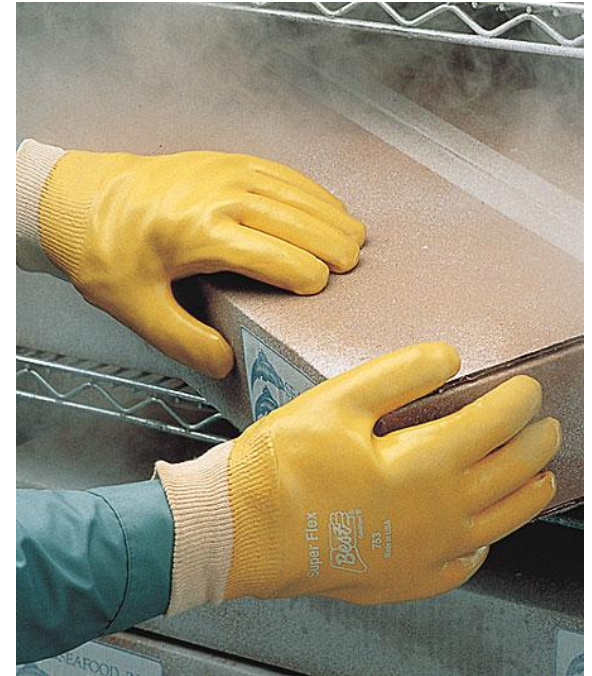




Gloves

- Required by labeling **OR** when employee is doing the following:
 - Hand application.
 - Adjusting, Cleaning, Repairing.
 - Mixing or Loading.
- Exception: Gloves shouldn't be worn if they are prohibited by label.

Gloves-NO



■ 10) Respiratory Protection.

- If required by label or employer every employee must have a medical evaluation and fit test prior to wearing respirator.
- Fit test must be performed annually.
- Exemption: Filtering face piece (dust mask) worn voluntarily by employee.





■ 11) Coveralls Worn for “Danger/Warning” Pesticides

■ 12) Handler Training

- All Employees must be trained on each pesticide at least annually prior to use.
- If a new pesticide is introduced after annual training a separate training must be held to cover that pesticide prior to the employee using it.
- All card holders are considered trained

■ 13) Emergency Medical Posting

- ☐ Name, address and phone number for nearest medical facility must be posted in truck or in prominent place at the work site.

■ 14) Employee working alone “Danger” products

- ☐ Production agriculture only
- ☐ Must maintain contact via radio, telephone or in person every 2 hours during the day and 1 hour at night.
- ☐ Vertebrate baits and solid fumigants (Aluminum Phosphide) are exempt

■ 15) Decontamination Facility

- Water, soap, single use towels, and extra coveralls.
- For Production Agriculture needed for handling any pesticide. At Mixing/Loading site and ¼ mile of any handler
- For non-production ag only needed when using Danger or Warning Pesticides. Must be within 100 feet of the mixing/loading site.

■ 16) Eyewash Immediately available

- Only applies to production agriculture use.
- Handler must have 1 pint of water on their person or on vehicle when eye protection is required by label.

■ 17) Field Postings

- When required by pesticide labeling
- All Greenhouse Applications
- Skull and Crossbones, “Danger Pesticides” “Peligro Pestacidas”, “Keep Out” “No Entre”.
- Must be readable from 25 ft.
- Must be posted prior to application and remain up through the REI.
- For Fumigation
 - "DANGER/PELIGRO"
 - "Area under fumigation, DO NOT ENTER/NO ENTRE"
 - "(Name of Fumigant) Fumigant in use";
 - The date and time of the fumigation
 - The name, address, and telephone number of the applicator.



■ 18) Safe Equipment

- ☐ Inspect each day prior to use to ensure equipment is operating properly.

■ 19) Closed System

- ☐ Production Ag Only
- ☐ Closed system needed when employees Mix or Load a “Danger” product.
- ☐ Exempt if using less than 1 gallon from a container that is less than 1 gallon.

■ 20) Protection of Persons/Animals/Property

- ☐ Do not Drift onto Non-Target areas. Be aware of environmental condition prior to treating



■ 21) Equipment Registered

- ☐ Equipment list provided when the agricultural pest control company registers with the county

■ 22) Equipment Identified

- ☐ All pest control businesses must identify each vehicle with markings readable at a distance of 25 feet. The identification must include either: (1) the business' name; or (2) the pest control business license number and a statement such as "Licensed Pest Control Operator", "Fumigation Division" or similar wording



■ **23) Backflow Prevention- Airgap**

- ☐ Keep an air gap between the water source and the equipment where pesticides are being mixed. Do not stick the hose down into the container (back pack sprayer, B&G or truck rig etc..).

■ **24)Containers Secured and Attended**

- ☐ Locked away or in the line of sight of the applicator

■ **25)Containers Labeled/ Closures**

- ☐ All containers holding pesticides, except service containers, must carry the manufacturers label.
- ☐ All containers need to be securely closed.

■ 26)Service Container Labeling

- Backpack sprayers, B&G, truck mounted rigs any container other than the original manufacturer's container used to store or transport a pesticide.
- Service Containers,... shall be labeled with:
 - (a) The name and address of the person or firm responsible for the container;
 - (b) The identity of the economic poison in the container; and
 - (c) The word "Danger", "Warning", or "Caution", in accordance with the label on the original container



■ 27) Proper Containers

- ☐ In no case shall a pesticide be placed or kept in any container of a type commonly used for food, drink or household products.

■ 28) Proper Pesticide Transport

- ☐ Cannot be in the same compartment with persons or food.
- ☐ Pesticides containers must be secured in a way to prevent spillage

■ 29) Containers Rinsed

- ☐ Triple Rinse



■ 30) Accurate Measurement

- ☐ Use devices that are calibrated to the smallest unit in which the pesticide is being weighed or measured.

■ 31) Ground Water Protection

- ☐ Use of pesticides containing chemicals listed in section 6800(a) shall be prohibited below the high water line inside artificial recharge basins, unless the pesticide is applied six months or more before the basin is used to recharge ground water.

■ 32) Wellhead Protection

- (a) the following activities shall be prohibited within 100 feet of a well (including domestic, municipal, agricultural, dry or drainage, monitoring, or abandoned wells):
 - (1) mixing, loading, and storage of pesticides.
 - (2) rinsing of spray equipment or pesticide containers.
 - (3) maintenance of spray equipment that could result in spillage of pesticide residues on the soil.
 - (4) application of preemergent herbicides.
- (b) Wells shall not be subject to the requirements in (a) if they are:
 - (1) sited so that runoff water from irrigation or rainfall does not move from the perimeter of the wellhead toward the wellhead and contact or collect around any part of the wellhead including the concrete pad or foundation; or
 - (2) protected by a berm constructed of any material sufficient to prevents movement of surface runoff water from the perimeter of the wellhead to the wellhead.
- (c) Application of preemergent herbicides shall be prohibited between the berm and the wellhead



**ALWAYS READ
THE LABEL**