

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.
279-3114

DATE OF ISSUANCE

TERM OF ISSUANCE
Until November 15, 1992

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT
CAPTURE 2 EC - CAL

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

FMC Corporation
Agricultural Chemical Group
2000 Market Street
Philadelphia, PA 19103

160) 5388965
18)

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA Section 3(c)(7)A and (B) for a period not to exceed November 15, 1992 since you have agreed in writing:

1). That this product is subject to the terms and conditions stipulated in the final agreement between EPA and the Pyrethroid Working Group regarding the implementation of interim exposure reduction measures for cotton use of synthetic pyrethroids.

2). To submit and/or cite all data required for registration/reregistration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

3). To submit production information (pounds or gallons produced) for this product for the fiscal year in which the use on cotton is conditionally registered, in accordance with FIFRA Section 29. The fiscal year begins October 1, and ends September 30. The production information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

This information should be submitted to:

Environmental Protection Agency
Registration Support Branch
Registration Division (H7505C)
401 M Street SW
Washington, DC 20460

4). To provide the Agency with the required reports, data and other information from the surveys and data development program specified in the PWG agreement no later than July 1, 1992. If the required reports, data and other information are not submitted by that date, the registration will automatically expire at mid-night on July 1, 1992.

5). Except as modified above, all other terms and conditions stipulated in the conditional registration notice for the product, Capture 2EC (EPA Reg. No. 279-3069) dated August 5, 1988 are applicable to the subject product.

6). You will add the phrase, " EPA Registration No. 279-3114" to your label before you release the product for shipment.

7). You will submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for further description of final printed labeling.

Although the Agency does not object to the more restrictive label requested by CDFA, please submit data/information justifying imposition of the 7 day re-entry interval.

A stamped copy of the label is enclosed for your records.

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Code

RESTRICTED USE PESTICIDE
Toxic to fish and aquatic organisms.
For retail sale to and use only by certified applicators, or persons under their direct supervision and only for the uses covered by the certified applicator's certification.

Net Contents

Capture® 2 EC-CAL

Insecticide/Miticide

For Sale and Use
Only in California

EPA Reg. No. 279-	EPA Est. 279-
Active Ingredient:	By Wt.
Bifenthrin: (2 methyl[1,1'-biphenyl]-3-yl) methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)- 2,2-dimethyl-cyclopropanecarboxylate*	25.1%
Inert Ingredients:**	74.9%
	100.00%

*Cis isomers 97% minimum, trans isomers 3% maximum.
**Contains xylene range aromatic solvents.
This product contains 2 pounds active ingredient per gallon.
U.S. Patent No. 4,238,505

KEEP OUT OF REACH OF CHILDREN WARNING

This label must be in the possession of the user at the time of application.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Get medical attention. Call a Poison Control Center or physician promptly for advice. Describe Precautionary Statements and Note to Physician on the label. Do not induce vomiting unless advised by a physician or qualified medical advisor. Do not give anything by mouth to an unconscious person.

If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If on Skin: Wash with plenty of soap and water. Get medical attention.

If in Eyes: Flush with plenty of water. Call a physician if irritation persists.

Note to Physician:
Pesticide Hotline (800) 858-7378. This product is a pyrethroid. If large amounts have been ingested, the stomach and intestines should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

For Emergency Assistance call (800)331-3148 :
See other panels for additional precautionary information.

PRECAUTIONARY STATEMENTS Hazards to Humans (and Domestic Animals)

Warning
May be fatal if swallowed. Harmful if inhaled, or absorbed through skin. Causes moderate eye irritation. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash contaminated clothing before reuse.

Applicators must wear long sleeve shirt and trousers. Mixers and loaders must wear long sleeve shirt, trousers, chemical resistant gloves, and goggles or face shield.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops if bees are visiting the treatment area.

Physical/Chemical Hazards

Do not use or store near heat or open flame.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

FEB - 1 1991

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.

279-3114



FMC Corporation
Agricultural Chemical Group
Philadelphia PA 19103

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Pesticide Storage

Do not freeze. Do not store below 40° F. If crystals are observed, warm material to above 60° F by placing container in warm location. Shake or roll container periodically to redissolve solids.

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

Call FHC: (800)331-3148

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or residue is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal

Metal or Plastic Container: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Do not cut or weld metal containers.

U-Turn® Container: Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase.

Special Equipment

The registration of Capture 2 EC-CA in California requires that the product be used in closed systems that meet the criteria for closed systems as established by the California Department of Agriculture. The criteria and a list of the closed systems meeting the criteria are available through the California Department of Food and Agriculture.

Rate of application is variable according to pest programming or sprays, and field scouting. Use lower rates under light to moderate infestations; higher rates under heavy insect pressure and for mite control. Arid climates generally require higher rates.

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Crop	Pest	Dosage		Remarks
		Pounds Active Per Acre	Ounces 2 EC Per Acre	
Cotton	European Corn Borer	0.02-0.1	1.3-5.4	Capture 2 EC may be applied in water or refined vegetable oil (sycosan-cottonseed). Application in Water: Apply in a minimum of 5 gallons per acre with ground equipment or 1 gallon per acre by aircraft. When applying by air, a quart of emulsifier oil may be substituted for one quart of water in the finished spray.
	Soybean (Banded) Thrips			
Cotton	Boll Weevil	0.04-0.1	2.6-5.4	To Control Boll Weevil: CAL. Apply Capture 2 EC at an interval of 3 to 4 days until pest numbers are reduced to acceptable levels.
	Bobwhite			
	Cabbage Looper			
	Cotton Aphid			
	Cotton Fleahopper			
	Cotton			
	Leafroller			
	Cutworm			
	Fall Armyworm			
	Lygus Spp.			
	Plant Bugs			
	Saltmarsh Caterpillar			
	Southern Garden Leafhopper			
	Stink Bugs			
	Tobacco Budworm			
Whitefly				
Yellow Striped Armyworm				
Carnine Spider Mite	0.06-0.1	3.8-8.4	To Control Mites and Aphids: Apply when pests first appear. Repeat as necessary to maintain control. Higher rates will be required once a damaging threshold is established.	
Two spotted Spider Mite				
Beet Armyworm				
Pink Bollworm				

Do not apply more than 0.3 pounds active per acre per season.

Do not make more than 3 applications per season.

Do not apply within 14 days of harvest.

Do not graze livestock in treated areas or cut treated crops for feed.

Spray Drift Precautions

All aerial and ground application equipment may be properly maintained and calibrated using appropriate carriers.

Do not make aerial or ground applications during temperature inversions.

Make aerial or ground applications when the wind velocity favors on target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph.

For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wingtip or rotor vortices. Boom length must not exceed 75% of wing span or rotor diameter.

Do not apply by ground equipment within 25 feet, or by air within 75 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.

Do not make more than 10 synthetic pyrethroid applications (of one product or combination of products) to a cotton crop in one growing season. Synthetic pyrethroid products include Ambush^R, Ammo^R, Asana^R XL, Baythroid^R, Capture^R, Cymbush^R, Karate^R, Pounce^R and Scout^R X-TRA.

For Capture 2 EC-CAL, do not make more than 3 applications per growing season.

Reentry Statements

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

In California, do not enter treated areas for 7 days after application.

Rotational Crops

Rotational crops may be planted no sooner than 30 days after last application. Straw may not be used for food or feed.

Tank-Mixture

Capture 2 EC insecticide/miticide may be applied in tank-mixtures with other products approved for use on cotton. Observe all restrictions and precautions which appear on the labels of these products.

Dealers Should Sell in Original Packages Only.

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk.

Use of Product: FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

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