

pm 13

279-3125

page 1 of 11

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS 767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 279-3125	DATE OF ISSUANCE 1 - JUN 1992
	TERM OF ISSUANCE November 15, 1992	
	NAME OF PESTICIDE PRODUCT FURY 1.5 EC INSECTICIDE	

NOTICE OF PESTICIDE: REGISTRATION
 REREISTRATION
 (Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

166 / 54 / 5570
181

**FMC CORPORATION
 AGRICULTURE CHEMICAL GROUP
 1735 MARKET STREET
 PHILADELPHIA, PENNSYLVANIA 19103**

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)(B) since you agreed to:

- 1). Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data,
- 2). Comply with the data\labeling requirements imposed under reregistration of products containing cypermethrin including time frame for submission of data since these requirements will also apply to products containing cypermethrin-s.
- 3). The terms and conditions stipulated in the agreement between EPA and the Pyrethroid Working Group regarding interim risk reduction measures for cotton use of the synthetic pyrethroids.
- 4). Add the phrase, "EPA Registration Number 279-3125" to the label.

ATTACHMENT IS APPLICABLE

BEST AVAILABLE COPY

SIGNATURE OF APPROVING OFFICIAL: *[Signature]*

DATE: June 1, 1992

5). Submit product information (pounds or gallons produced) for this product for the fiscal year in which the use on cotton pecans and lettuce are conditionally registered, in accordance with FIFRA Section 29. The fiscal year begins October 1, and ends September 30.

This information is to be submitted to:

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

The conditional registration will be subject to an expiration date of November, 15, 1992. Such expiration will occur automatically notwithstanding the fulfillment of any conditions set forth in this letter and expiration will not give rise to hearing rights pursuant to FIFRA Section 6(e). Upon completion of review of the mesocosm study and all other available data the Agency will decide whether this product could be registered under FIFRA Section 3(c)(5) or if other regulatory action is warranted.

YOU SHOULD KNOW THAT IF YOU FAIL TO SATISFY ANY OTHER CONDITIONS IMPOSED ON THIS REGISTRATION, E.G., YOU FAIL TO SUBMIT THE REQUIRED DATA BY THE SPECIFIED DEADLINES, OR THE DATA SUBMITTED WERE NOT GENERATED IN ACCORDANCE WITH THE GOOD LABORATORY PRACTICE STANDARDS (40 CFR PART 160) AND/OR THE EPA APPROVED PROTOCOL, EPA MAY ISSUE A NOTICE TO CANCEL THIS REGISTRATION UNDER FIFRA SECTION 6(E).

Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the label has been enclosed for your records.

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

Enclosure:

CONCURRENCES							
SYMBOL	17505C		17505C				
SURNAME	A. H. [Signature]		[Signature]				
DATE	5.26.92		5/26/92				

3 7 11

Code 1425

Net Contents

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 those uses covered by the Certified Applicator's certification.

Fury™ 1.5 EC
Insecticide

EPA Reg. No. 279-

EPA Est. 279-

Active Ingredient

S-Cyano (3-phenoxyphenyl)methyl (+) cis/trans 3-(2,2-dichloroethenyl)-2,2 dimethylcyclopropane carboxylate**/.....	18.1%
Inert Ingredients	81.9%
	100.0%

- * Cis/trans ratio: Max. 55% (+) cis and min. 45% (+)trans.
- ** Contains 1.5 pounds of active ingredient per gallon.

ACCEPTED
with COMMENTS
in EPA Letter Dated

U.S. Patent Pending

1 - JUN 1992

KEEP OUT OF REACH OF CHILDREN

WARNING

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
279-3125

FIRST AID

If swallowed: Get medical attention. Call 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. Drink water but do not administer milk, cream, animal or vegetable fats or alcohol as they enhance absorption. Do not give anything by mouth to an unconscious person.

If on skin: Wash thoroughly with soap and water. Get medical attention if irritation occurs and persists.

If in eyes: Flush thoroughly with water. If irritation occurs and persists, contact a physician.

If inhaled: Remove to fresh air. If breathing difficulty or discomfort occurs, obtain medical attention.

See other panels for additional precautionary information.

Note to Physician:

This product is a pyrethroid. If large amounts have been ingested, the stomach and intestines should be evacuated. This product also contains lightweight aromatic hydrocarbons that can produce a severe pneumonitis if aspirated during emesis. Consideration should be given lavage with an endotracheal tube in place. Treatment is symptomatic and supportive. Skin contact (vapor or powder) may be followed by transient tingling or numbness, usually of the face, but this subsides without treatment.

For Emergency Assistance Call 800-331-3148

PRECAUTIONARY STATEMENTS

Hazards to Humans (and Domestic Animals)

Warning

May be fatal if swallowed. Harmful if inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. The active ingredient may cause sensitization reaction in some individuals. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

Applicators must wear long sleeved shirt and trousers. Mixers/loaders must wear long sleeved shirts, trousers, chemical resistant gloves and safety glasses.

Clothing which has been drenched or heavily contaminated should be disposed of in accordance with State or local regulations.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to inintertidal areas below the mean high water mark. 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.

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

Store in a cool, dry, well-ventilated place. Do not store below -6.6 C (20 F). If solids are observed warm to above 4.4 C (40 F) and roll or shake containers to redissolve. Do not use near heat, open flame or hot surfaces. Store in original containers only. 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.

Keep out of reach of children and animals.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC: 1-800-331-3148

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 rinsate 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 of the nearest EPA Regional Office for guidance.

Container Disposal

Metal Containers: 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.

Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Returnable/Refillable Sealed Containers: Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase.

BEST AVAILABLE COPY

Chemigation Use Directions

Apply this product only through sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system. Do not connect any irrigation system (including greenhouse systems) used for pesticide application to a public water system.

Crop injury, lack of effectiveness, or illegal residues in the crop can result from nonuniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

The systems must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

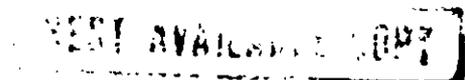
The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Fury™ 1.5 EC Insecticide should be applied continuously for the duration of the water application. Fury™ 1.5 EC should be diluted in sufficient volume to insure accurate application over the area to be treated. When using chemigation, a minimum of 0.5 inch per acre of irrigation water is recommended. Agitation is not required when a suitable diluent is used.



GENERAL INSTRUCTIONS

Reentry Statements

Do not treat areas while unprotected humans or domestic animals are present in the treatment area.

Do not allow entry into treated areas without protective clothing until sprays have dried.

State reentry regulations will apply if they are more restrictive than those stated on this label. Consult with State regulatory officials.

Rotational Crops

Rotational crops may be planted within 30 days after last application.

Use low rate under light to moderate infestation. Higher rates should be used under heavy insect pressure. The rate of application is variable according to insect pressure, timing of spray and field scouting.

8 7 11

CROP	PEST	DOSAGE		REMARKS
		LB AI/A	FL OZ/A	
Cotton	Cutworms	0.016 - 0.024	1.37 - 2.05	Fury™ 1.5 EC may be applied in water or refined vegetable oil. When water is used, apply a minimum of one gallon of finished spray per acre by air or five gallons of finished spray with ground equipment. When applying in water by air, one quart of emulsified oil may be substituted for one quart of water in the finished spray. When using oil, use a minimum of one quart per acre in the finished spray.
	Tobacco Thrips			
	Soybean (banded)			Fury™ 1.5 EC may be injected into overhead sprinkler irrigation water provided 1) an antibackflow check valve is present between the injection port and the water source, 2) a check valve is present in the line to prevent irrigation water from entering the chemical supply tank and 3) the irrigation injection system has interlocking on-off switches.
	Thrips			
	Fall Armyworm	0.033 - 0.045	2.82 - 3.83	For boll weevil control, apply Fury™ 1.5 EC at a 3 to 4 day interval until pest numbers are reduced to acceptable levels.
	Yellow Striped Armyworm			
	Cotton Bollworm			A maximum of 0.3 lb active ingredient may be applied per acre per season.
	Pink Bollworm			
	Tobacco Budworm			Fury™ 1.5 EC may be applied within 14 days of harvest.
	Tarnished Plant Bug			
	Saltmarsh Caterpillar			Do not graze or feed cotton for forage.
	Cotton Fleahopper			
	European Corn Borer			
	Cotton Leaf Perforator			
	Cabbage Looper			
	Boll Weevil			
	Other Plant Bugs	0.035-0.050	2.99-4.26	
	White Flies*			
	Beet Armyworm			
	Lygus Bugs			

*Aids in

control

Cotton Spray Drift Precautions

All aerial and ground application equipment must 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 FMC 56701, Ambush^R, Ammo^R, Asana^R XL, Baythroid^R, Capture^R, Cymbush^R, FuryTM, Karate^R, Pounce^R and Scout^R X-TRA.

CROP	PEST	DOSAGE*		REMARKS
		LB AI/A	FL OZ/A	
Lettuce (Head)	Cutworms	0.028 -0.050	2.39 -4.26	Apply in water as necessary for insect control using a minimum of 15 gallons of finished spray per acre with ground equipment and 5 gallons per acre by air. Lower rates of Fury TM 1.5 EC should be used with light to moderate insect pressure. Higher rates should be used to control heavy to extremely heavy insect populations. A maximum of 0.3 lbs. active ingredient may be applied per acre per season. Do not apply within 5 days of harvest. *In areas where arid climatic conditions persist, such as California and Arizona, higher than minimum recommended rates may be required.
	Corn earworms			
	Tobacco budworm			
	Lygus bugs			
	Saltmarsh caterpillar			
	Leafhoppers			
	Flea beetles			
	Import cabbageworm			
	Diamondback moth			
	Cucumber beetles			
	Armyworms	0.040-0.050	3.41- 4.26	
	Loopers			
	Stinkbugs			
	Cricket			
Onion thrips				

BEST AVAILABLE COPY

CROP	PEST	DOSAGE		REMARKS
		LB AI/A	FL OZ/A	
Pecans	Hickory Shuckworm Yellow Pecan Aphid Black Pecan Aphid Pecan Nut Casebearer Pecan Weevil	0.033- 0.050	2.82-4.26	<p>Applications at the lower rate should be made when pest populations are low. Rates should be increased as the pest pressure increases.</p> <p>Apply by ground equipment to the point of drip. Use 100 gallons of dilute spray per acre for smaller trees. For larger trees which require higher gallonage to achieve adequate coverage, apply in 200 to 300 gallons of water. In order to calculate the correct number of gallons of water needed to spray one acre of your trees to the point of drip, you may need to conduct a test. If you do not know how to conduct such a test with your equipment, you should request assistance from your equipment dealer.</p> <p>Up to 0.3 lb active ingredient per acre per crop season may be applied prior to shuck split.</p> <p>Do not apply within 21 days of harvest.</p> <p>Do not graze livestock in treated orchards or cut treated cover-crops for feed.</p>

Tank-Mixture

Fury™ 1.5 EC Insecticide 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.

BEST AVAILABLE COPY

11 9 11

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.

Ambush, Cymbush & Karate - Trademarks of ICI Americas Inc.

Asana-Trademark of E.I. duPont de Nemours and Co., Inc.

Baythroid-Trademark of Bayer AG

Scout-Trademark of Hoescht Roussel Agri-Vet Company

Ammo, Capture, FuryTM, Pounce and FMC-Trademarks of FMC Corporation