

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (73-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. 279-3084	DATE OF ISSUANCE JUN 15 1989
	TERM OF ISSUANCE Until July 1, 1992	JUN 15 1989
	NAME OF PESTICIDE PRODUCT Amdro ISE Insecticide	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

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

1411 246613
187

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.

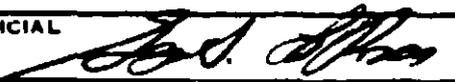
A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

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. Conduct the aquatic mesocosm study through completion and submit a final report of this study in accordance with the attached EPA approved protocol dated June 12, 1989.
2. Have the mesocosms filled with water no later than August 15, 1989.
3. Submit progress reports bimonthly beginning September 1, 1989 through November 1, 1991. The reports must include information on how many samples of each type have been collected, how many have been analyzed and how many remain to be analyzed. While these reports do not need to include raw data, you must upon request be prepared to submit raw data, even if it has not yet been corrected, to document the accuracy of the bimonthly report. Each subsequent report must include the information required in the previous report plus the new information.
4. Submit the final study by December 31, 1991.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL 	DATE 6/15/89
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5. Submit the following supplemental information regarding the conduct of the mesocosm study by July 1, 1989:

- a) Residue data for the slurry and drift application methods.
- b) Any additional statistical information as a result of continued discussion with Agency staff.
- c) Any proposed changes to the protocol or study design resulting from (a)&(b) above.

When EPA receives and reviews the above information and suggested changes due July 1 we will notify you if we agree with these changes, otherwise the protocol will remain as written.

These conditional registrations will be subject to an expiration date of July 1, 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). By a separate action the tolerances authorizing residues of the subject product on cotton, pecans and lettuce will be extended to July 1, 1993. After that date sale or distribution of food in interstate commerce containing any residues of the subject product will be a violation of the Federal Food, Drug, and Cosmetic Act.

6. Submit product information (pounds or gallons produced) for this product for the fiscal year in which the use on cotton, pecans, lettuce is 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:

Registration Support Branch
Registration Division (H7504C)
Environmental Protection Agency
401 M Street SW
Washington, DC 20460

You should note that if you fail to satisfy any of the 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).

7. You will make the following label changes before you release the product for shipment:

- a. Add the phrase, "EPA Registration No. 279-3084.

Simultaneous Reporting to the Office of Compliance Monitoring (OCM)

OCM will be monitoring the data being generated in response to this Registration Notice. Therefore, if you respond by:

- Submitting modifications to the protocol or
- Requesting extensions in the due date for submitting final reports,

you must send a copy of the supporting information (not copies of the actual data) to:

Laboratory Data Integrity Assurance Division
 Office of Compliance Monitoring (EN-342)
 Environmental Protection Agency
 401 M Street S.W.
 Washington, DC 20460

Finally, once the required data have been submitted, evaluated and accepted EPA will entertain an application for unconditional registration of the subject product to allow use on cotton, pecans, lettuce.

We have no objections to the amended labeling lowering the maximum applied season total from 1.0 lbs a.i. per acre to 0.6 lbs a.i. per acre. However, EPA is reviewing this label amendment to determine if lowering the season total to 0.6 lbs a.i. per acre would have any impact on the established tolerances. Depending on the outcome of the review, it may be necessary to lower the tolerances established on the raw agricultural commodities for cypermethrin.

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

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

Enclosure

P.S. Refer to paragraph 5 of our May 15, 1989 letter and provide the product chemistry information requested.

4010

Code

Net Contents

0.128 lb.

AMMO^R WSB INSECTICIDE

RESTRICTED USE PESTICIDE

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.

EPA Reg. No. 279

EPA Est. No. 33967-NJ-1

Active Ingredients

γ-Cypermethrin**.....	38.7%
Inert Ingredients.....	61.3%
	<u>100.0%</u>

*(±) -Cyano (3-phenoxyphenyl)methyl (±)cis/trans 3-(2,2-di hloroethenyl)-2,2 dimethylcyclopropanecarboxylate
 **Cis/trans ratio: Max. 55% (±) cis and min. 45% (±) trans
 U.S. Patent No. 4,024,163

KEEP OUT OF REACH OF CHILDREN

WARNING

See other panels for additional precautionary information.

FIRST AID

IF INHALED: Remove to fresh air. Apply artificial respiration if necessary.

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with a finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Flush eyes with plenty of water. Obtain medical attention if irritation occurs and persists.

IF ON SKIN: Wash with plenty of soap and water.

NOTE TO PHYSICIAN: Ammo WSB is a pyrethroid insecticide containing the active ingredient cypermethrin. Digestible fats, oils or alcohol may increase absorption and so should be avoided. Skin contact (vapor or powder) may be followed by transient tingling or numbness, usually of the face, but this subsides without treatment.

For 24-hour emergency assistance, call FMC Corporation (716) 735-3765.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

June 15, 1989

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
for the Pesticide

PRECAUTIONARY STATEMENTS**Hazards to Humans (and Domestic animals)****Warning**

Harmful if swallowed or absorbed through the skin. Causes eye irritation. Do not get in eyes, on skin or on clothing. Avoid breathing vapor or spray mist. spray mist. May cause allergic skin reactions. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS: This product is highly toxic to bees exposed to direct treatment or blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

This product is highly toxic to fish. Use with care when applying in area adjacent to any body of water. Do not apply directly to water. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

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 systems. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform 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 system 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 motor 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.

For Ammo WSB mixing instructions, see general instructions. Ammo WSB should be diluted in sufficient volume of water to ensure accurate application over the area to be treated. Add the number amount of water soluble bag(s) to the supply tank. Maintain sufficient agitation during both mixing and application to ensure that the bags dissolve and that there is uniformity of the supply tank suspension. Hydraulic or mechanical agitation is recommended. Ammo WSB should be applied continuously for the duration of the water application. When using chemigation, a minimum of 0.5 inch per acre of irrigation water is recommended.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool dry place and avoid excess heat. Do not store at temperatures below 32°F (0°C). Rough handling may cause breakage, especially at low temperatures. Allow to warm above 50°(10°C) for use. Do not allow inner bags to become wet during storage. Do not handle inner bag with wet hands or wet gloves. 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 FMC collect: (716)735-3765.

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:

When all water soluble bags are used, the outer package should be clean and may be disposed of in a sanitary landfill, by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. If the outer container contacts formulated product in any way, it must be triple rinsed with clean water. Add rinsate to the spray tank and dispose of the outer package as described above.

GENERAL INSTRUCTIONS**Re-Entry 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 re-entry regulations will apply if they are more restrictive than those stated on this label. Consult with State regulatory officials.

The product in this outer package is a wettable powder formulation of the insecticide cypermethrin packaged in a translucent water soluble bag. Do not allow the inner bag to become wet before adding to spray or nurse tank. Do not handle the inner bag with wet hands or wet gloves. Rough handling may cause breakage. Do not store at temperatures below 32°F (0°C). Allow to warm above 50°F (10°C) before use. Cooler water temperatures increase the time needed for the inner bag to dissolve completely.

Amo VSB insecticide is intended for dilution with water for spray application. Do not use strainers finer than 50 mesh size. Determine the number of water soluble bag(s) to make up necessary spray suspension.

Use a minimum spray volume of 5 gallons of water per acre. Fill the spray or nurse tank 1/2 full with water. Open the outer wrapper of this product and immediately dump required contents into spray tank. Allow the water soluble bag(s) to dissolve completely. Start hydraulic or mechanical agitation. Air agitation is not recommended. Mix thoroughly to fully disperse and suspend the wettable powder. Fill the spray tank with the required amount of water. Maintain agitation during storage in nurse or supply tank and during application. Apply Amo VSB when insects appear or feeding is noticed. Repeat the application as necessary to maintain control. Amo VSB may be applied by both ground and aerial equipment. Use sufficient water to obtain full coverage.

Mix as needed; do not store diluted material.

Rotational Crops

Rotational crops may be planted with 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.

CROP	PEST	DOSAGE		REMARKS
		LB/AI/A	BAG/A	
Cotton	Cutworms Tobacco Thrips Soybean (banded) Thrips Beet Army- worm Fall Armyworm Yellow Striped Armyworm Cotton Bollworm Pink Bollworm Tobacco Budworm Tarnished Plant Bug Lygus Bug Saltmarsh Caterpillar Cotton Fleahopper Cotton Leaf- perforator Cabbage Lopper Boll Weevil Other Plant Bugs White Flies*	0.05 to 0.1	1 to 2	<p>Ammo VSB may be diluted in water only. Apply a minimum of 5 gallons of finished spray per acre by air or ground application.</p> <p>For boll weevil control, apply Ammo VSB at 3 to 4 day intervals until pest numbers are reduced to acceptable levels.</p> <p>A maximum of 0.6 lb active ingredient may be applied per acre per season.</p> <p>Ammo VSB may be applied within 14 days of harvest.</p> <p>Do not graze or feed cotton for forage.</p>

*Aids in control

Lettuce (head)	Beet Army- worm Cabbage Looper Alfalfa Looper	0.05 to 0.1	1 to 2	<p>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.</p> <p>..... Lower rate of Ammo VSB should be used with light to moderate insect pressure. Higher rate should be used to control heavy to extremely heavy insect populations.</p> <p>Do not apply more than 0.6 lb ai/A per season. Do not apply within 5 days of harvest.</p>
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DOSAGE CROP	PEST	LB/AI/A	BAG/A	REMARKS
Pecans	Hickory Shuckworm	0.05 to 0.1	1 to 2	Applications at the lower rate should be made when

Yellow Pecan
 Aphid
 Black Pecan
 Aphid
 Pecan Nut
 Casebearer
 Pecan Weevil

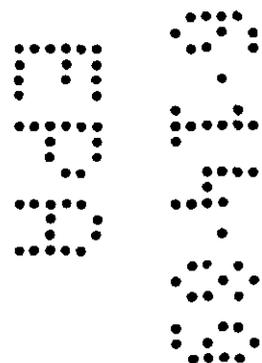
2 pest populations are low. Rates should be increased as the pest pressure increases.

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.

Up to 0.6 lb AI/A per crop season may be applied prior to shuck split.

Do not apply within 21 days of harvest.

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



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.

