



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

File

JAN 27 1993

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Jacob J. Vukich
NOR-AM CHEMICAL COMPANY
3509 Silverside Road
Wilmington, DE 19803

Subject: Label Amendment Submission of 06/21/93 in Response to PR Notice 93-
EPA Reg. No. 45639-146
OVASYN

IMPORTANT NOTICE: This Letter Requires You to Submit a Notification to the Office
of Compliance Monitoring within 20 Days.

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments listed on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

SERIOUS ERROR(S) ON SUBMITTED LABELING:

EPA has determined that one or more of the errors on the labeling you submitted to the Agency is categorized as "serious" as defined in PR Notice 93-11. In general, serious errors are those that may create a potential for harm to workers, handlers, other persons, or the environment; or those that prevent the achievement of the basic goals of the Worker Protection Standard (WPS) or FIFRA.

YOU MUST NOT SELL OR DISTRIBUTE (INCLUDING RELEASE FOR SHIPMENT) ANY PRODUCT BEARING THE SUBMITTED LABELING. Sale or distribution of any product with the incorrect labeling is a violation of FIFRA that could result in initiation of an action for civil penalties and/or cancellation of your product. This matter has been referred to the Office of Compliance Monitoring (OCM) for further action.

YOU MUST SUBMIT A NOTIFICATION TO THE OFFICE OF COMPLIANCE MONITORING WITHIN 20 DAYS OF THE DATE OF THIS LETTER.

1993



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NOR-AM CHEMICAL COMPANY
45639-146 06/21/93
OVASVN

Original Submission

Remove the statement "If On Skin: Wash hands with soap and water....." from under the "Statement of Practical Treatment" and place in the "User Safety Recommendations" box.

IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the WPS labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have neither been reviewed nor accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Submit the required notification. Then by the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling as amended

AND

- WITHIN one year from date of this acceptance.

Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

SPECIMEN LABEL

ACCEPTED
with COMMENTS
In EPA Letter Dated

JAN 27 1994

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

45639-146

Ovasyn[®]

INSECTICIDE/MITICIDE

(Contains 1.5 lb. Amitraz per gallon)

ACTIVE INGREDIENTS:	Percent by Weight
Amitraz (N'-(2,4-dimethylphenyl)-N-[[[(2,4-dimethylphenyl)imino]methyl]-N-methylmethanimidamide)	19.8%
INERT INGREDIENTS:	80.2%
TOTAL	100.0%

EPA Reg. No. 45639-146

EPA Est. No. 407-MN-1

KEEP OUT OF REACH OF CHILDREN WARNING — AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Contains xylene-range aromatic solvent. Call a physician immediately. See "Note to Physician."

IF IN EYES: Flush with plenty of water while holding eyelids open. Call a physician immediately.

IF ON SKIN: Wash hands with soap and water each time before eating, drinking, or smoking. At the end of the working day, bathe entire body with soap and plenty of water.

IF INHALED: Remove to fresh air. Support respiration and contact a physician if necessary.

NOTE TO PHYSICIAN: If swallowed, use gastric lavage. Avoid aspiration.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

 **NOR-AM**
NOR AM CHEM CAL COMPANY
A Schering-Boehringer Company

AGRIBUSINESS DIVISION
Little Falls Centre One
2711 Centerville Road
Wilmington, DE 19808

NET CONTENTS:

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- ◆ Coveralls over long-sleeved shirt and long pants
- ◆ Chemical-resistant gloves such as barrier laminate or viton
- ◆ Chemical-resistant footwear plus socks
- ◆ Protective eyewear
- ◆ Chemical-resistant headgear for overhead exposure

GENERAL INFORMATION

OVASYN is an insecticide/miticide with ovicidal and synergistic activity on bollworm, tobacco budworm, pink bollworm, whitefly and mites on cotton. OVASYN may be applied alone for control of two-spotted spider mite, strawberry mite, pacific mite, and carmine mite. For insecticidal control, OVASYN can be applied alone or tank-mixed with other insecticides registered for use on cotton.

OVASYN is not phytotoxic to young cotton.

APPLICATION

Equipment: Apply by air or ground, using low drift nozzles. When applying by air, use 1–5 gallons of water per acre. For applications made with ground equipment, use 10–50 gallons of water per acre. Use of the higher volume of water will assure better coverage for mite and whitefly control in larger, more dense cotton.

Mite Control: Apply OVASYN as a single treatment: of 2½ to 5 pints per acre, or two sequential applications of 2½ pints per acre. DO NOT exceed 5½ pints per acre per season. Treatments should be applied when mite populations begin to build. OVASYN may be applied from the time cotton plants are 4–6 inches tall and up until boll opening. DO NOT apply after cotton bolls are open.

Insect Control (Ovicide/Synergist): In fields where bollworm, tobacco budworm, pink bollworm or other insect pests have reached economic levels, apply OVASYN at ¾ to 1½ pints per acre as needed or on an appropriate schedule. To control whitefly, apply 1½ to 5½ pints per acre in sufficient water to ensure complete coverage. DO NOT exceed 5½ pints OVASYN per acre per season. DO NOT apply after cotton bolls are open.

Use other registered cotton insecticides in a tank-mix at rates recommended on the labels for those products and observe all limitations and precautions which appear on those labels. Do not tank-mix OVASYN with Cyprex¹, Ferbam², bordeaux mixture or other highly alkaline materials.

TABLE OF APPLICATION RATES

Desired Rate/AC. (lbs. AI)		Acres Treated Per Gallon		Pints Per Acre
.125	=	12 AC	=	.66
.17	=	9 AC	=	.89
.25	=	6 AC	=	1.33
.50	=	3 AC	=	2.66
.75	=	2 AC	=	4.0
1.0	=	1.5 AC	=	5.33

ULV Applications: OVASYN may be applied in vegetable, cottonseed or similar oils. After determination of the required volume of OVASYN, add sufficient oil to apply 1 to 2 quarts total liquid per acre. If tank-mixing with additional cotton insecticides which are registered for ULV applications, their volume must be accounted for in the total 1 to 2 quarts per acre.

RESTRICTIONS AND LIMITATIONS

DO NOT apply more than 5½ pints per acre OVASYN per growing season.

DO NOT apply OVASYN after cotton bolls are open.

DO NOT apply shortly before rainfall.

DO NOT allow prepared solutions to stand overnight.

DO NOT feed foliage from treated cotton plants to livestock.

¹Trademark of American Cyanamid

²Trademark of FMC Corp.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
(AND DOMESTIC ANIMALS)
WARNING**

Harmful or fatal if swallowed. Causes eye or skin irritation. Repeated skin contact may cause an allergic reaction. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors or spray mist.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Handlers who may be exposed to the dilute through application or other tasks must wear:

- ◆ Coveralls over long-sleeved shirt and long pants
- ◆ Chemical-resistant gloves such as barrier laminate or viton
- ◆ Chemical-resistant footwear plus socks
- ◆ Protective eyewear
- ◆ Chemical-resistant headgear for overhead exposure

Handlers who may be exposed to the concentrate through mixing, loading, application, or other tasks must wear:

- ◆ Coveralls over long-sleeved shirt and long pants
- ◆ Chemical-resistant gloves such as barrier laminate or viton
- ◆ Chemical-resistant footwear plus socks
- ◆ Protective eyewear
- ◆ Chemical-resistant headgear
- ◆ Chemical-resistant apron when mixing or loading

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturers instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROLS
STATEMENT**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [(40 CFR 170.240 (d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to fish in adjacent sites. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Apply this pesticide only as specified on this label. Do not apply this product through any type of irrigation system.

Beneficial Insect Cautions: OVASYN® has a broad spectrum acaricidal activity and is largely nonselective to predacious mites such as *Typhlodromus occidentalis*, *Amblyseius fallacis* and mites of the family Stigmaeidae.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

In case of spillage, cover with an absorbent such as soda ash, lime, clay, or sawdust. Sweep up and bury. Wash area thoroughly with detergent and water.

NOTICE TO DRUM HANDLERS:

In Case of Fire, Leaky, or Damaged Containers, or Other Emergency, Report at Once by Toll-Free Telephone to: 800-424-9300.

DO NOT REUSE EMPTY CONTAINER. [This statement is deleted when SVR packaging is used.]

STORAGE AND DISPOSAL

STORAGE: Store in original container and keep closed. Store in a cool, dry place. Do not use or store near heat or open flame.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or 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 at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or by other procedures approved by state and local authorities.

[Or when packed in SVR containers]

This ECHO SYSTEM container is the sole property of NOR-AM Chemical Company.

ECHO SYSTEM SVR Return Procedure: Return the ECHO SYSTEM SVR container clean (outside only) and empty to the place of business from which the OVASYN was purchased.

IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather and soil conditions, manner of use and other factors beyond NOR-AM Chemical Company's control, it is impossible for NOR-AM to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of NOR-AM Chemical Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. UNDER NO CIRCUMSTANCES SHALL NOR-AM CHEMICAL COMPANY BE LIABLE FOR ANY SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES, OR DAMAGE RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT NOR-AM'S ELECTION, THE REPLACEMENT OF PRODUCT.

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