



AgrEvo[®]

Ovasyn[®]
Specimen Label

ACCEPTED
MAY 19 1998
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 45639-146

Ovasyn[®]

INSECTICIDE/MITICIDE

EPA Registration Number 45639-146



Ovasyn

INSECTICIDE/MITICIDE

(Contains 1.5 lb. Amitraz per gallon)

| ACTIVE INGREDIENT: | 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 or 045639-CAN-001

KEEP OUT OF REACH OF CHILDREN

DANGER — PELIGRO

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: Drink promptly a large quantity of milk, egg white, gelatin solution, or, if these are not available, large quantities of water. Avoid alcohol. Get medical attention.

IF IN EYES: Hold eyelids open and flush with a steady gentle stream of water for 15 minutes. Call a physician.

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: Probable mucosal damage may contraindicate the use of gastric lavage.



AgrEvo USA Company

2711 Centerville Road

Wilmington, DE 19808

NET CONTENTS:

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

DANGER

Corrosive. Causes irreversible eye damage. Harmful if absorbed through skin. Harmful or fatal if swallowed. 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 for overhead exposure
- 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.

No human flaggers are allowed. Mechanical flaggers are required.

Cotton must be harvested mechanically. No hand harvesting is allowed.

This product must be mixed and loaded using a closed system. The closed mixing/loading system must meet the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-5)]. When these engineering controls are used correctly, the handler PPE requirements may be reduced or modified as specified in the WPS.

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USER SAFETY RECOMMENDATIONS

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

Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. 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 aquatic organisms 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 MEDICAL EMERGENCIES OR HEALTH AND SAFETY INQUIRIES, OR IN CASE OF FIRE, LEAKING, OR DAMAGED CONTAINERS, INFORMATION MAY BE OBTAINED BY CALLING 800-228-5635, EXT. 202.

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 acutely hazardous. 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.

DO NOT REUSE EMPTY CONTAINER.

[This statement is deleted when SVR packaging is used.]

[Or when packed in SVR containers]

This ECHO SYSTEM container is the sole property of AgrEvo USA 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.

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 Part 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 48 hours. NOTE: Mechanical harvesting may be performed during the restricted-entry interval ONLY if the harvesters will have no dermal or inhalation contact with treated surfaces, including both the treated foliage and the residues in airborne dusts generated by the mechanical harvesting.

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

Notify workers of application by warning them orally and by posting warning signs at entrances to treated fields.

GENERAL INFORMATION

OVASYN contains amitraz at 1.5 lb ai/gallon. OVASYN is an insecticide/miticide/ovicide for use on cotton. Additionally, OVASYN is a synergist for other cotton insecticides. OVASYN has demonstrated activity against bollworms, tobacco budworms, pink bollworms, silverleaf whiteflies, beet armyworms, aphids, and spider mites. It can be applied alone or tank-mixed with other products registered for use on cotton. Use other registered cotton products in a tank-mix at rates recommended on labels for the products and observe all limitations and precautions which appear on those labels. Do not tank-mix OVASYN with highly acidic or highly alkaline materials. It is recommended that the user maintain the pH of the spray solution between 6.5 and 8.5. After opening container, use entire contents within that growing season. Do not store partial containers for use next season. OVASYN is not phytotoxic to cotton.

APPLICATION

Equipment: Apply by air or ground, using low drift nozzles. When applying by air, use a minimum of one gallon 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, especially under adverse conditions such as hot, dry weather, and/or a dense canopy. Refer to the chart below.

ULV Applications (except California): 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.

| Pest | Rate/Acre | | Remarks |
|---|-------------------------------|---------------------------------|--|
| | lb ai | pints | |
| Bollworm eggs Tobacco Budworm eggs | $\frac{1}{8}$ - $\frac{1}{4}$ | $\frac{2}{3}$ - $1\frac{1}{3}$ | When moth flights begin and eggs first appear, apply OVASYN. Multiple applications may be required if egg pressure continues at or above recommended thresholds. Higher egg density requires higher rates. When populations of tobacco budworm are high, or when resistance to other insecticides is present, use OVASYN at $\frac{7}{8}$ - $1\frac{1}{3}$ pints/Acre. Use of a 3 day spray interval may be necessary in extreme population pressure situations. |
| Bollworm larvae Tobacco Budworm larvae | $\frac{1}{8}$ - $\frac{1}{4}$ | $\frac{2}{3}$ - $1\frac{1}{3}$ | When larvae are present, apply OVASYN in tank-mix combination with a registered insecticide at labeled rates. When populations of tobacco budworm are high, or when resistance to other insecticides is present, use OVASYN at $\frac{7}{8}$ - $1\frac{1}{3}$ pints/Acre in a tank-mix combination with a registered insecticide at labeled rates. Use of a 3 day spray interval may be necessary in extreme population pressure situations. |
| Beet Armyworms | $\frac{1}{8}$ - $\frac{1}{4}$ | $\frac{2}{3}$ - $1\frac{1}{3}$ | Apply OVASYN in a tank-mix combination with a registered insecticide at labeled rates. Repeat applications may be necessary. For best results, apply in a minimum of 5 gallons of water/Acre by air or in a minimum of 10 gallons of water/Acre by ground. |
| Silverleaf Whiteflies Pink Bollworms | $\frac{1}{8}$ | $\frac{2}{3}$ | For low populations, OVASYN may be applied at this rate in tank-mix combination with a registered insecticide at labeled rates. For best results, apply in a minimum of 5 gallons of water/Acre by air or in a minimum of 10 gallons/Acre by ground. |
| | $\frac{1}{4}$ | $1\frac{1}{3}$ | For moderate to high populations, OVASYN should be applied at this rate in a tank-mix combination with a registered insecticide at labeled rates. For best results, apply in a minimum of 5 gallons of water/Acre by air or in a minimum of 10 gallons/Acre by ground. |
| | $\frac{1}{8}$ - $\frac{1}{4}$ | $\frac{2}{3}$ - $1\frac{1}{3}$ | Aphids OVASYN should be applied in a tank-mix combination with a registered insecticide at labeled rates. For best results, apply in a minimum of 5 gallons of water/Acre by air or in a minimum of 10 gallons of water/Acre by ground. |
| Aphids (CA only) | $\frac{1}{2}$ -1 | $2\frac{2}{3}$ - $5\frac{1}{3}$ | Treatments should be applied when populations begin to build. |
| Spider Mites | $\frac{1}{4}$ -1 | $1\frac{1}{3}$ - $5\frac{1}{3}$ | Treatments should be applied when populations begin to build. Apply OVASYN as a single treatment of $1\frac{1}{3}$ to $5\frac{1}{3}$ pints/Acre or sequential applications of $1\frac{1}{3}$ pints/Acre per application. |
| Spider Mites (CA only) | $\frac{1}{2}$ -1 | $2\frac{2}{3}$ - $5\frac{1}{3}$ | Treatments should be applied when populations begin to build. Apply OVASYN as a single treatment of $2\frac{2}{3}$ to $5\frac{1}{3}$ pints/Acre, or two sequential applications of $2\frac{2}{3}$ pints/Acre. |

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TABLE OF APPLICATION RATES

| Desired Rate/AC. (lb. ai) | | Acres Treated Per Gallon | | Pints Per Acre |
|------------------------------|---|-----------------------------|---|-------------------|
| $\frac{1}{8}$ (.125) | = | 12 | = | $\frac{2}{3}$ |
| $\frac{5}{32}$ (.16) | = | 9 | = | $\frac{7}{8}$ |
| $\frac{1}{4}$ (.25) | = | 6 | = | $1\frac{1}{3}$ |
| $\frac{1}{2}$ (.50) | = | 3 | = | $2\frac{2}{3}$ |
| $\frac{3}{4}$ (.75) | = | 2 | = | 4 |
| 1 (1.0) | = | $1\frac{1}{2}$ | = | $5\frac{1}{3}$ |

RESTRICTIONS AND LIMITATIONS

1. DO NOT apply more than $5\frac{1}{3}$ pints of OVASYN per acre per growing season.
2. DO NOT apply OVASYN after cotton bolls are open.
3. DO NOT allow prepared solutions to stand overnight.
4. DO NOT feed foliage from treated cotton plants to livestock.
5. IF rainfall occurs before the spray dries, reapplication may be necessary.
6. Do not rotate to root and leafy vegetables for 44 days, or to small grains and other crops for 60 days, following application of OVASYN.

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 AgrEvo USA Company's control, it is impossible for AgrEvo USA Company 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, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of AgrEvo USA Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. AgrEvo USA Company disclaims any liability whatsoever for incidental or consequential damages, including, but not limited to, liability arising out of breach of contract, express or implied warranty (including warranties of merchantability and fitness for a particular purpose), tort, negligence, strict liability or otherwise.

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