

Ovasyn® INSECTICIDE/MITICIDE

AN ORGANOPHOSPHATE INSECTICIDE FOR USE ON COTTON

ACTIVE INGREDIENT:	ACCEPTED	Percent by Weight
Amitraz (N'-(2,4-dimethylphenyl)-N-[[[2,4-dimethylphenyl] imino]methyl] N-methylmethanimidamide).....	DEC 11 2001	19.8%
INERT INGREDIENTS:		80.2%
This product contains petroleum distillate.		TOTAL 100.0%
Contains 1.5 lb. Amitraz per gallon.	Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticides registered under EPA Reg. No. 264-625	
EPA Reg No. 264-625		EPA Est. No. 407-IA-02

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.)

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577

For **PRODUCT USE** Information Call 1-888-AVENTIS (1-888-283-6847)

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Have person sip a glass of water if able to swallow. • Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.

For **MEDICAL** Emergencies Call 24 Hours A Day 1-800-334-7577.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Contains petroleum distillate, do not induce vomiting. Vomiting may cause aspiration pneumonia.

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.

Applicators and other handlers must wear: coveralls over long sleeve shirts and pants, chemical resistant footwear plus socks, chemical resistant gloves (such as Barrier Laminate and Vitor), chemical resistant headgear for overhead exposure, goggles or face shield and a chemical resistant apron when cleaning equipment or 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. **When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "Applicators and other handlers" and have such PPE immediately available for use in case of an emergency, such as a spill or equipment breakdown.**

No human flaggers are allowed. Mechanical flaggers are required.

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

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.

Beneficial Insect Cautions: OVASYN® Insecticide/Miticide 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

COMBUSTIBLE. 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 1-800-334-7577.

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 Aventis CropScience.

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 and 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 INSTRUCTIONS AND INFORMATION

Apply this pesticide only as specified on this label. Do not apply this product through any type of irrigation system.

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	1/8–1/4	2/3–1 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 7/8–1 1/3 pints/Acre. Use of a 3 day spray interval may be necessary in extreme population pressure situations.
Bollworm larvae Tobacco Budworm larvae	1/8–1/4	2/3–1 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 7/8–1 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	1/8–1/4	2/3–1 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	1/8	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.
	1/4	1 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.
Aphids	1/8–1/4	2/3–1 1/3	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 (Calif. Only)	1/2-1	2 2/3-5 1/3	Treatments should be applied when populations begin to build.
Spider Mites	1/4-1	1 1/3-5 1/3	Treatments should be applied when populations begin to build. Apply OVASYN® as a single treatment of 1 1/3 to 5 1/3 pints/Acre or sequential applications of 1 1/3 pints/Acre per application.
Spider Mites (Calif. only)	1/2-1	2 2/3-5 1/3	Treatments should be applied when populations begin to build. Apply OVASYN® as a single treatment of 2 2/3 to 5 1/3 pints/Acre, or two sequential applications of 2 2/3 pints/Acre.

TABLE OF APPLICATION RATES

Desired Rate/AC. (lb. ai)		Acres Treated Per Gallon		Pints Per Acre
1/8 (0.125)	=	12	=	2/3
5/32 (0.16)	=	9	=	7/8
1/4 (0.25)	=	6	=	1 1/3
1/2 (0.50)	=	3	=	2 2/3
3/4 (0.75)	=	2	=	4
1 (1.0)	=	1 1/2	=	5 1/3

RESTRICTIONS AND LIMITATIONS

- DO NOT apply more than 5 1/3 pints of OVASYN® per acre per growing season.
- DO NOT apply OVASYN® after cotton bolls are open.
- DO NOT allow prepared solutions to stand overnight.
- DO NOT feed foliage from treated cotton plants to livestock.
- If rainfall occurs before the spray dries, reapplication may be necessary.
- 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

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, 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, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Aventis CropScience. All such risks shall be assumed by the user or buyer.

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Ovasyn is a registered trademark of the Aventis Group

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