


PA113

34147-12

17 13

126 5500644  
126 5500632  
126 5546194  
18 1

 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <u>  x  </u> Registration <u>      </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number:	Date of Issuance:
	34147-12	Nov 7 1996
	Term of Issuance: Conditional Registration Until November 15, 1996	
Name of Pesticide Product:		
DECIS 1.5 EC		
Name and Address of Registrant (include ZIP Code): AgrEvo USA Company 2711 Centerville Road Wilmington, DE 19808		
<p><b>Note:</b> Changes in labeling 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 EPA registration number.</p> <p>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.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(B) since you have agreed in your letter dated February 20, 1996 to:</p> <p>a. The same terms and conditions for data generation as stipulated in our November 15, 1993 letter for use of tralomethrin on cotton.</p> <p>b. The terms and conditions stipulated by the Agency for conditional registration of cotton pyrethroid products, i.e., that the registration and tolerances will automatically expire on November 15, 1996 and November 15, 1997 respectively.</p> <p>c. To follow risk mitigation policies as determined by the Spray Drift Task Force Data and Industries Cotton Pyrethroid Working Group (PWG). Current synthetic pyrethroid mitigation measure are interim and may be reconsidered or modified.</p> <p>d. To submit production information (pounds or gallons produced) for this product for the fiscal year in which the use on cotton is conditionally registered in accordance with FIFRA Section 29. The fiscal year begins October 1 and ends September 30.</p>		
Signature of Approving Official:		Date:

EPA Form 5570-5

*Helena*

2.13

EPA Reg. No.

and provided that you:

a. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

b. Make the following label changes:

1. Revise the EPA Registration Number to read, "EPA Reg. No. 34147-12".
2. Add the following statement describing "Pyrethroid Syndrome" to Hazards to Humans and Domestic Animals: "Skin exposure may result in a sensation described as a tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure, and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream."
3. Under Personal Protective Equipment for handlers exposed to the dilute . . . add the following: "Chemical-resistant apron when mixing or loading, or cleaning equipment."
4. Under Personal Protective Equipment move "Discard clothing and other absorbent materials . . ." to User Safety Recommendations.
5. In the If Swallowed statement revise "Do not induce vomiting" as follows: "Do not induce vomiting because of aspiration hazard."
6. Revise the statement to read "This pesticide is extremely toxic to fish...."
7. Due to acute oral toxicity the pesticide as formulated exceeds the criteria for Restricted Use. Thus modify the second statement in the Restricted Use block to read, "Due to Acute Toxicity, Toxicity to Fish and Aquatic Organisms."
8. The Statement of Practical Treatment must appear on the front panel of the label.
9. Revise the Precautionary Statements as follows: "Fatal if swallowed. Corrosive. Causes irreversible eye damage and skin burns. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes, on skin, or on clothing. Wear face shield or goggles. Wear protective clothing and rubber gloves. Harmful if ~~concerns~~ through the skin or inhaled.

SYMBOL	▶	Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse."
SURNAME	▶	
DATE	▶	

10. The product is classified as an acute hazardous waste. Therefore you should revise the Pesticide Disposal Statement to read as follows: "Pesticide wastes are acutely hazardous. Impr per 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.

11. Based on your product's flashpoint the Physical and Chemical Hazards statement should be revised as follows:

"Do not use or store near heat or open flame."

3. Submit two copies of the revised final printed label for the record. You should note 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 applicable test guidelines, EPA may issue a notice to cancel this use under FIFRA 6(e). You should also note that, regardless of whether you satisfy all applicable conditions, this conditional registration will expire automatically on November 15, 1996. Sale and distribution of the subject product bearing labeling for use on cotton after November 15, 1996 will be illegal. Finally, once the required data have been submitted and evaluated, EPA will entertain an application to amend the registration of the subject product to allow the unconditional use on cotton without any special restrictions on the duration of the registration.

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

George T. LaRocca  
Product Manager 13  
Insecticide & Rodenticide Branch  
Registration Division (7505C)

4713

**RESTRICTED USE PESTICIDE**  
**DUE TO TOXICITY TO FISH AND AQUATIC ORGANISMS**  
For retail sale to and use only by certified applicators or persons under their supervision  
and only for those uses covered by the certified applicator's certification


**DECIS® 1.5 EC**  
**INSECTICIDE**  
**FOR INSECT CONTROL ON COTTON**

	Percent by Weight
<b>ACTIVE INGREDIENT:</b>	
(1R, 3R) - 3(2,2-dibromovinyl)-2, 2-dimethylcyclopropane-carboxylic acid (S) - alpha-cyano-3-phenoxybenzyl ester.....	16.6%*
<b>INERT INGREDIENTS**</b> .....	<u>83.4 %</u>
	<b>TOTAL 100.0%</b>


\* Equivalent to 1.5 lb. active ingredient per U.S. gallon.  
\*\* Contains petroleum distillates

**EPA Reg. No. 34147-xx-45639**  
**EPA Establishment Number**

**KEEP OUT OF REACH OF CHILDREN**



**DANGER – POISON**  
**PELIGRO – VENENO**



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

**See Side Panels for Additional Precautionary Statements.**

**Marketed by:**  
AgrEvo USA Company  
2711 Centerville Road  
Wilmington, DE 19808

**Net Contents:**



ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAE 7 1996

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
34147-12

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

**IF IN EYES:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

## PRECAUTIONARY STATEMENTS

Hazards to Humans (and Domestic Animals)

### DANGER - POISON

**Fatal if swallowed. Corrosive. Causes irreversible eye damage. Wear protective eyewear. Causes skin irritation. Harmful if inhaled. Avoid breathing spray mist. Harmful if absorbed through the skin. Do not get in eyes, on skin, or on clothing.**

### 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 short-sleeved shirt and short 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, or cleaning equipment

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 pesticide 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 may be hazardous to aquatic organisms in areas near the application site. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

This pesticide is highly toxic to bees exposed to direct treatment. Do not apply it or allow it to drift to crops or weeds on which bees are actively foraging.

Notify state and/or Federal authorities and Roussel Uclaf (or its registered US agent AgrEvo USA Company) immediately if you observe any adverse environmental effects due to the use of DECIS Insecticide.

**NOTICE:** It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species.

**PHYSICAL AND CHEMICAL HAZARDS**

Combustible. Do not use or store near heat or open flame.

**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**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Do not store over 100°F or below 50°F.

**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 at the nearest EPA Regional Office for guidance.

**Container Disposal:** Empty containers should be triple rinsed into the spray tank during the spray operation. 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.

**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.

Shake well before using.



### **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 12 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 short-sleeved shirt and short pants
- Chemical-resistant gloves such as barrier laminate or viton
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

### **APPLICATION**

Dilute DECIS 1.5 EC in water according to the directions shown below and use as a foliar spray on cotton at the rates listed. Uniform coverage is essential. Begin applications when economic infestations occur, based on local information, and repeat as needed (observe the restriction in Note 2 below).

Insect *	Pounds A/A	Fl. oz./A	Dilution requirements
Lygus bug Cotton leaf perforator Cutworm Leafhoppers Cotton fleahoppers Plant bugs Thrips Cotton leafworm	0.013  to  0.019	1.11  to  1.62	<u>Minimum gallonage requirements:</u> For aerial applications use a minimum of two (2) gallons of water per acre (5 gallons in California and 3 gallons in Arizona). For ground applications, use a minimum of 4 gallons of water per acre for thorough coverage of the foliage.
Cotton bollworm Tobacco budworm Pink bollworm Boll weevil Cabbage looper Soybean looper ** Fall armyworm Beet armyworm European corn borer Stink bugs Mites ** Aphids ** Whitefly ** Saltmarsh caterpillar	    0.019  to  0.03	    1.62  to  2.56	<u>Optimum gallonage requirements</u> For aerial applications under hot, dry environmental conditions or when the crop canopy is dense, gallonage requirements may need to be increased to 3-5 gallons of water plus crop oil concentrate at 1 pint to 1 quart per acre. For ground applications, use a minimum of four (4) gallons of water per acre for thorough coverage of the foliage.

\* Make the first application as required before insect populations increase to economic significance. Additional applications may be made if insect populations rebuild.

\*\* Suppression only

**NOTES:**

1. DO NOT make more than ten (10) applications of DECIS 1.5 EC (for a total of no more than 0.3 pound of active ingredient per acre or 25.6 fluid ounces per acre) per growing season.
2. Allow at least 5 days between successive applications of DECIS 1.5 EC.
3. DO NOT apply DECIS 1.5 EC through any type of irrigation system.
4. DO NOT apply DECIS 1.5 EC within 21 days of harvest.
5. Do not apply this product as a ULV application. Dilute the desired amount of DECIS 1.5 EC so that at least 2 gallons of spray solution per acre is applied.

**RESISTANCE**

Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

**TANK MIX RECOMMENDATIONS**

DECIS 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 those products.

**SUPPLEMENTAL SPRAY RECOMMENDATIONS AND PRECAUTIONS FOR COTTON**

- Do not make more than a total of 10 synthetic pyrethroid applications (of one product or combination of products) to a cotton crop in one growing season. Synthetic pyrethroid products include AMBUSH<sup>®</sup>, AMMO<sup>®</sup> 2.5 EC, ASANA<sup>®</sup> XL, BAYTHROID 2, CAPTURE<sup>®</sup> 2EC, CYMBUSH, DANITOL 2.4 EC, FURY<sup>™</sup> 1.5 EC, KARATE<sup>®</sup>, MUSTANG, POUNCE<sup>®</sup> 3.2 EC, SCOUT X-TRA<sup>®</sup>, and SynerGin<sup>™</sup> 2.
- All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

**OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES; RESERVOIRS; RIVERS; PERMANENT STREAMS, MARSHES OR NATURAL PONDS; ESTUARIES AND COMMERCIAL FISH FARM PONDS.**

- Do not apply by ground within 25 feet or by air within 150 feet of lakes; reservoirs; rivers; permanent streams, marshes, or natural ponds; estuaries and commercial fish farm ponds.
- For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used, and must not exceed 75% of wing span or rotor diameter.
- Use the largest droplet size consistent with pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.
- Spray should be released at the lowest height consistent with good pest control and flight safety. Applications more than 10 feet above the crop canopy should be avoided.
- 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. Avoid applications when wind gusts approach 15 mph.
- Risk of exposure to aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.
- Do not cultivate within 10 feet of the aquatic area so as to allow growth of vegetative filter strip.
- Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic areas.
- Do not make aerial or ground applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

**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.

**LIMITATIONS OF LIABILITY:** THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES 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 AGREVO USA COMPANY'S ELECTION, THE REPLACEMENT OF PRODUCT.

©AgrEvo USA Company, 1993

---

Ambush, Cymbush and Karate are registered trademarks of Zeneca, Inc.

Ammo, Capture, Fury, Mustang and Pounce are registered trademarks of FMC Corporation.

Asana XL is a registered trademark of E.I. duPont de Nemours & Co., Inc.

Baythroid is a registered trademark of Bayer A.G.

Danitol is a registered trademark of Valent USA Corporation

SCOUT X-TRA is a registered trademark of AgrEvo

SynerGin is a trademark of AgrEvo

---

DECIS 1.5 EC LABEL 950703 DRAFT