

PM 13 34147-3

1086

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 direct supervision and only for those uses covered by the
 certified applicator's certification

SCOUT X-TRA™ INSECTICIDE

ACTIVE INGREDIENT:

(1P,3S) 3[(1'RS) (1',2',2',2'-tetrabromoethyl))-2,
 2-dimethylcyclopropanecarboxylic acid (S)-alpha-
 cyano-3-phenoxybenzyl ester 11.40%*
 INERT INGREDIENTS: 88.60%**
TOTAL 100.00%

* Equivalent to 0.9 lb. active ingredient per U.S. gallon
 ** Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN.

ANGER PELIGRO

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.)

EPA Reg. No. 34147-3-54382
 EPA Est. No. 5905-AR-1

PT# 3572 2/94

NET CONTENTS: 1 Gallon

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Do not induce vomiting. Call a physician. Gastric
 lavage should be supervised by trained personnel because of
 the possible pulmonary damage via aspiration of the solvent.
 Contains petroleum distillates. If possible, bring the container
 and labeling to attending physician.
 If on skin: Wash with plenty of water. Get medical attention if
 irritation persists.
 If in eyes: Flush eyes with plenty of water. Get medical atten-
 tion immediately.
 If inhaled: Remove victim to fresh air. Apply artificial respiration
 if necessary. Get medical attention.

For medical or environmental emergency,
 call 1-800-228-5635, ext. 132.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or dis-
 posal.

Do not store over 100° F or below 10° F.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Im-
 proper disposal of excess pesticide, spray mixture, or rinsate
 is a violation of Federal Law. If these wastes cannot be dis-
 posed 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 by incineration, or, if allowed by
 state and local authorities, by burning. If burned, stay out of
 smoke.

Marketed by:

Hoechst-Roussel Agri-Vet Company
 Crop Protection Products
 Somerville, NJ 08876-1258

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 trademarks of Hoechst AG

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ACCEPTED

MAY 24 1994

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under:
 EPA Reg. No. 34147-3

PRECAUTIONARY STATEMENTS**Hazards to Humans and Domestic Animals****DANGER**

Corrosive, causes irreversible eye damage. Can cause irritation to skin such as burning and tingling. Do not get in eyes, or on skin or on clothing. May be fatal if swallowed. Harmful if inhaled or absorbed through the skin. Do not breathe vapor.

Personal Protective Equipment (PPE)

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

Long-sleeved shirt and long pants; chemical-resistant gloves, such as barrier laminate, or viton ≥ 14 mils; shoes plus socks; protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's 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 control 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.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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 pesticide is extremely toxic to fish and other aquatic organisms, including crab and shrimp. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated area. Drift or runoff from treated fields may kill fish and other aquatic organisms. Do not contaminate water when disposing 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 Hoechst-Roussel Agri-Vet Company immediately if you observe any adverse environmental effects due to the use of Scout X-TRA™ Insecticide.

Physical and chemical hazards

Do not use or store near heat or open flame.

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.

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DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply until you have read the entire label. 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 intervals. 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; chemical-resistant gloves, such as barrier laminate or viton 214 mils; shoes plus socks; protective eyewear.

Dilute Scout X-TRA™ Insecticide in water or at least once refined crop oil according to the directions shown and use as a foliar spray on cotton and soybeans at the rates listed. Uniform coverage is essential. Begin application when economic infestations occur based on local information and repeat as needed.

Crop	Insect	Lb. ai/A.	Fl. oz./A.*	Dilution requirements
Cotton	Lygus bug Cotton leafperforator Cutworm Leafhoppers Cotton leafhoppers Plant bugs Thrips Cotton leafworm	.016-.020	2.28-2.84	Minimum gallonage requirements: For aerial applications use a minimum of 1 gallon of water per acre or 1 quart of at least once refined crop oil per acre. Optimum gallonage requirements: 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 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	.018-.024	2.56-3.41	

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Crop	Insect	Lb. ai/A.	Fl. oz./A.*	Dilution requirements
Soybean	Mexican bean beetle Green cloverworm Velvetbean caterpillar Leaf hopper Corn earworm Three-cornered alfalfa hopper	.012-.016	1.71-2.28	Minimum gallonage requirements: For aerial applications use a minimum of 1 gallon of water per acre or 1 quart of at least once refined crop oil per acre. Optimum gallonage requirements: 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 5 gallons of water per acre for thorough coverage of the foliage.
	Fall armyworm Beet armyworm Stink bug Soybean looper** Cabbage looper Cutworm Grasshopper	.016-.024	2.28-3.41	

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

**Suppression only

CONVERSION TABLE FOR SCOUT X-TRA INSECTICIDE

Lb. ai Per Acre	Fl. oz. Per Acre	Acres Treated Per Gallon
.012	1.71	75.0
.016	2.28	56.0
.018	2.56	50.0
.020	2.84	45.0
.024	3.41	37.5

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

Scout X-TRA Insecticide may be applied in tank mixtures with other products approved for use on cotton and soybeans. Observe all restrictions and precautions which appear on the labels of these products.

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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®, AMMO® 2.5EC, ASANA® XL, BAYTHROID® 2, CAPTURE® 2EC, CYMBUSH®, DANITOL 2.4 EC, FURY™ 1.5EC, KARATE®, MUSTANG®, POUNCE® 3.2EC and SCOUT X-TRA™.
- 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. Increase the buffer zone to 450 feet when ultralow volume (ULV) application is made.
- 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.

NOTE:

1. Do NOT graze or harvest treated soybean forage, straw or hay for livestock feed.
2. Do NOT apply more than 27 fl. oz. per acre (0.19 pound active ingredient per acre) on cotton, and 17 fluid ounces per acre (0.12 pound active ingredient per acre) on soybeans, in one growing season.
3. Do NOT apply within 28 days of harvest for cotton and 21 days of harvest for soybeans.
4. Do NOT apply this product through any type of irrigation system.

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IMPORTANT NOTICE: DISCLAIMER

Read "IMPORTANT NOTICE: DISCLAIMER" before buying or using. If terms are not acceptable, return at once unopened.

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended or other influencing factors in the use of the product, or use of this product in a manner inconsistent with its labeling, all of which are beyond the control of the seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Seller harmless for any claims relating to such factors.

HOECHST-ROUSSEL AGRI-VET COMPANY warrants only that the product conforms to the chemical description on the label and is reasonably fit for the purpose stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to HOECHST-ROUSSEL AGRI-VET COMPANY and user assumes the risk of any such use. HOECHST-ROUSSEL AGRI-VET COMPANY MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR OF MERCHANTABILITY. In no case shall HOECHST-ROUSSEL AGRI-VET COMPANY be liable for consequential, special, indirect or incidental damages resulting from the use or handling of this product. The foregoing conditions of sale and warranty can be varied only by an agreement in writing signed by a duly authorized representative of HOECHST-ROUSSEL AGRI-VET COMPANY.

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