

**AgrEvo™**

---

A company of Hoechst and NOR-AM

---

# Scout X-TRA®

**INSECTICIDE**

EPA Registration Number 34147-3-45639

**ACCEPTED**

20 FEB 1997

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

**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<sup>®</sup> Insecticide**

**For Insect Control on Broccoli, Cotton, Lettuce, Soybeans and Sunflowers**

**ACTIVE INGREDIENTS:**

(1R,3S)3[(1'RS)(1',2',2',2'-tetrabromo-ethyl)]-2,2-dimethylcyclopropane-carboxylic acid (S)-alpha-cyano-3-phenoxybenzyl ester\*

11.40%

**INERT INGREDIENTS:\*\***

88.60%

**TOTAL**

100.00%

\*Equivalent to 0.9 pound of active ingredient per U.S. gallon

\*\*Contains petroleum distillates

EPA Reg. No. 34147-3-45639

EPA Est. No. 045639-CAN-001

U.S. Patent Nos. 4,279,835 and 4,310,542

**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.

**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 the label, find someone to explain it to you in detail.)

**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 attention immediately.

**IF INHALED:** Remove victim to fresh air. Apply artificial respiration if necessary. Get medical attention.

**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.**

**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:**

- ✧ 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 AgrEvo USA Company immediately if you observe any adverse environmental effects due to the use of SCOUT X-TRA 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

Do not use or store near heat or open flame.

### DO NOT REUSE EMPTY CONTAINER

*[This statement is deleted when returnable packaging is used.]*

## STORAGE AND DISPOSAL

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

Do not store over 100°F or below 10°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 by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### *[or when packed in returnable containers]*

This returnable container is the sole property of AgrEvo USA Company and must not be opened or discarded.

**Returnable Container Return Procedure:** Return the container clean (**outside only**) to the place of business from which the SCOUT X-TRA 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 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 ≥14 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, soybeans, broccoli, lettuce (head and leaf), and sunflowers at the rates listed. Uniform coverage is essential. Begin application when economic infestations occur based on local information, and repeat as needed.

## USE AND DOSAGE RECOMMENDATIONS

Crop	Insect	lb a/A	fl oz/A*	Dilution Requirements
Cotton	Lygus bug	0.016 – 0.020	2.28 – 2.84	<b>Minimum gallonage requirements:</b> 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.
	Cotton leafperforator			
	Leafhoppers			
	Cotton fleahoppers			
	Plant bugs			
	Cotton leafworm	0.018 – 0.024	2.56 – 3.41	<b>NOTE:</b> In California, use a minimum of 2 gallons of water per acre for aerial application. Do not mix with once-refined crop oil.
	Cutworms (except in Calif.)			
	Thrips (except in Calif.)			
	Cotton bollworm			
	Tobacco budworm			
	Pink bollworm			<b>Optimum gallonage requirements:</b> 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.
	Boll weevil			
	Cabbage looper			
	Soybean looper**			
	Fall armyworm**			
	Beet armyworm**			
	European corn borer			
	Stink bugs			
	Aphids**			
	Saltmarsh caterpillar			
	Mites** (except in Calif.)			
	Whitefly** (except in Calif.)			
Broccoli and Lettuce (Head & Leaf)	Cabbage looper	0.016 – 0.020	2.28 – 2.84	<b>Minimum gallonage requirements:</b> For aerial applications use a minimum of two (2) gallons of water per acre.
	Imported cabbageworm			
	Diamondback moth			
	Corn earworm			
	Saltmarsh caterpillar			
	Flea beetle			For ground applications use a minimum of five (5) gallons of water per acre for thorough coverage of the foliage.
	Leafhopper			
	Stink bugs			
	Grasshoppers			
	Green cloverworm			
	Alfalfa looper	0.018 – 0.024	2.56 – 3.41	
	Cutworms			
	Beet armyworm			
	Fall armyworm			
Soybeans (Except in California)	European corn borer	0.012 – 0.016	1.71 – 2.28	<b>Minimum gallonage requirements:</b> 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.
	Aphid**			
	Mexican bean beetle			
	Green cloverworm			
	Velvetbean caterpillar			
	Leafhopper	0.016 – 0.024	2.28 – 3.41	<b>Optimum gallonage requirements:</b> 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.
	Corn earworm			
	Three-cornered alfalfa hopper			
	Fall armyworm			
	Beet armyworm			
	Stink bugs			
	Soybean looper**			
	Cabbage looper			
	Cutworms			
	Grasshoppers			

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

\*\*Suppression only.

Crop	Insect	lb ai/A	fl oz/A*	Dilution Requirements
Sunflowers (Except in California)	Sunflower Beetle	0.005 - 0.01	0.71 - 1.42	Minimum gallonage requirements:
	Banded sunflower moth			
	Cabbage looper			For aerial applications use a minimum of two (2) gallons of water per acre. Do not apply as an Ultra Low Volume (ULV) spray.
	Corn earworm			
	Leafhoppers	0.014-0.0164	2.00-2.33	For ground applications use a minimum of five (5) gallons of water per acre for thorough coverage of the foliage.
	Potato flea beetle			
	Sunflower seed weevil			
	Sunflower stem weevil (moth)			
	Sunflower maggot			
	Sunflower moth			
	Cutworms			
	Grasshoppers (except - lubber grasshoppers)	0.0164-0.019	2.33-2.67	

### CONVERSION TABLE FOR SCOUT X-TRA INSECTICIDE

Pounds ai per acre	Fluid ounces per acre	Acres treated per gallon
0.005	0.71	180.3
0.01	1.42	90.1
0.012	1.71	75.0
0.014	2.00	64.0
0.016	2.28	56.0
0.018	2.56	50.0
0.020	2.84	45.0
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, soybeans, broccoli, lettuce, and sunflowers. Observe all restrictions and precautions which appear on the labels of these products.

### SUPPLEMENTAL SPRAY RECOMMENDATIONS AND PRECAUTIONS FOR COTTON, BROCCOLI, LETTUCE, SOYBEANS AND SUNFLOWERS

- ✧ 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> 2.5EC, Asana<sup>®</sup> XL, Baythroid<sup>®</sup> 2, Capture<sup>®</sup> 2EC, Cymbush<sup>®</sup>, Danitol<sup>®</sup> 2.4EC, DECIS<sup>®</sup>, Fury<sup>™</sup> 1.5EC, Karate<sup>®</sup>, Mustang<sup>®</sup>, Pounce<sup>®</sup> 3.2EC, 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, potholes, 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, potholes, or natural ponds; estuaries and commercial fish farm ponds. Increase the buffer zone to 450 feet when ultra low 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.

**SUPPLEMENTAL SPRAY RECOMMENDATIONS  
AND PRECAUTIONS FOR COTTON, BROCCOLI,  
LETTUCE, SOYBEANS AND SUNFLOWERS  
(CONT.)**

- ◇ 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.

**NOTES:**

1. **DO NOT** graze or harvest treated soybeans forage, straw or hay for livestock feed. **DO NOT** graze or feed treated sunflower foliage
2. **DO NOT** apply more than 27 fluid ounces per acre (0.19 lb ai/A) on cotton, broccoli, and lettuce, and 17.1 fluid ounces per acre (0.12 lb ai/A) on soybeans in one growing season. **DO NOT** apply more than 8.53 fluid ounces per acre (0.06 lb ai/A) on sunflowers per growing season.
3. **DO NOT** apply within 28 days of harvest for cotton, within 5 days of harvest for broccoli, within 3 days of harvest for head and leaf lettuce, within 21 days of harvest for soybeans, within 21 days for harvest for sunflowers.
4. **DO NOT** apply this product through any type of irrigation system.
5. **DO NOT** apply this product to sunflowers as an Ultra Low Volume (ULV) spray.

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 & Company.

Baythroid is a registered trademark of Bayer AG.

Danitol is a registered trademark of Valent USA Corporation.

SynerGin is a trademark of AgrEvo USA Company.

Scout X-TRA and Decis are registered trademarks of Hoechst Schering AgrEvo S.A.

## 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, 1995

Marketed By:  
AgrEvo USA Company  
Little Falls Centre One  
2711 Centerville Road  
Wilmington, DE 19808

Worker Protection Standard  
**WPS**  
Product labeling includes  
wording required by  
Worker Protection  
Standard

Code - **SXN97131**  
Supersedes - **SXN96402**  
N:\Chow\Labels\US097131.doc