



Reg # 34147-3 PM- 13 1 0 11  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

NOV 17 1992

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OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Mr. Pierre Malvoisin  
Hoechst-Roussel Agri-Vet Company  
Route 202-206  
PO Box 2500  
Somerville, NJ 08876-1258

Dear Mr. Malvoisin:

Subject: Application For Renewal/Amendment of Conditional  
Registration(s)/Cotton Use Pyrethroids  
Scout Insecticide  
EPA Registration No. 34147-2  
Scout X-TRA Insecticide  
EPA Registration No. 34147-3  
Scout 0.3EC Insecticide  
EPA Registration No. 34147-4  
Your Applications Dated October 6, 1992

The Agency accepts your application for renewed/amended registration for purposes of extending the registration of the subject product(s). This renewal is being granted to allow EPA additional time to (1) complete its review of all relevant data associated with the registration of the subject product(s) on cotton (2) to assess environmental risk and (3) to make FIFRA Section 3(c)(5) or other appropriate regulatory decisions for cotton use pyrethroids.

Therefore in accordance with FIFRA Sections 3(c)(7)(B)(C) the conditional registration of the subject product(s) is/are extended for a period not to exceed November 15, 1993. We agree that this extension is subject to the following conditions:

- a. All products will continue to bear the labeling revisions for cotton use required per Agency letter dated November 15, 1990 (paragraphs 1 (a) thru (f)). Note that Fury™ should be added to the list of pyrethroids registered on cotton.
- b. Absent further Agency action these cotton registrations will automatically expire at midnight on November 15, 1993. Sale and distribution of the subject product(s) bearing labeling for use on cotton after November 15, 1993 will be illegal. The tolerance authorizing residues of the subject product on cotton will also expire automatically on November 15, 1994. It is understood



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that the expiration dates for products containing tralolomethrin referred to above applies to their use on cotton only and not other existing registered uses and/or tolerances.

- c. Hoechst-Roussel Agri-Vet Company will submit product information (pounds or gallons produced) for these products for the fiscal year in which the use on cotton is conditionally registered in accordance with FIFRA Section 29. This fiscal year begins October 1 and ends September 30.

This information is to be submitted to :

Registration Support Branch  
Registration Division (H7505C)  
Environmental Protection Agency  
Crystal Mall Building #2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

- d. Except as modified above all other terms and conditions of the existing registration(s) for the subject product(s) remains in effect.

A stamped copy of the labeling is enclosed.

Sincerely,



George T. LaRocca  
Product Manager 13  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

(Front Panel)

**RESTRICTED USE PESTICIDE**

**TOXIC TO FISH AND AQUATIC ORGANISMS**

For Retail Sale to and Use Only by Certified  
Applicators or Persons Under Their Direct Super-  
vision and Only for Those Uses Covered by the  
Certified Applicator's Certification

**SCOUT X-TRA™  
INSECTICIDE**

**ACTIVE INGREDIENT:**

(1R,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

DANGER  
PELIGRO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este  
producto hasta que le etiqueta haya  
sido explicado ampliamente.

See Side Panels for Additional Precautionary Statements

NET CONTENTS: 1/2 gal., 1 gal & 30 gallons

EPA REG. NO. 34147-3  
EPA EST. NO. 42545-MO-1

Roussel Uclaf  
163 Avenue Gambetta  
Paris, France

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

NOV 12 1992

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

34147-3

(Left Side Panel)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER**

Corrosive, causes irreversible eye damage. Wear goggles while handling. Can cause irritation to skin such as burning and tingling. Do not get in eyes, or on skin or on clothing. Wear protective gloves while handling. May be fatal if swallowed. Harmful if inhaled or absorbed through the skin. Do not breathe vapor. If material gets on skin, the affected area should be thoroughly washed with plenty of soap and water. Remove and wash clothing before reuse.

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.

**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.

For a spill emergency, call Chemtec at 1-800-424-9300.

STATEMENT OF PRATICAL 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 the skin:** Wash with plenty of water. Get medical attention if irritation persists.

**If on 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.

For emergency assistance call (908) 231-4125

(Rear Panel)

STORAGE AND DISPOSAL

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

Do not store over 100°F or below 10°F. Do not use or store near heat or open flame.

**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.

(Rear Panel Continued)

RE-ENTRY STATEMENTS

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings should include those statements found under the label heading "Precautionary Statements" and "Re-entry Statements" included on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: DANGER, area treated with Scout X-TRA™ Insecticide on (date of application). Do not enter without appropriate protective clothing until sprays have dried. If eyes are contaminated, wash with flowing water for at least 15 minutes. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If swallowed, do not induce vomiting. Call a physician. (See Precautionary Statements on label.)

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with this label.

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. Do not enter treated field before spray is dried.

crop	Insect	Lb ai/A	Fl.oz. /A.*	Dilution requirements
cotton	Lygus Bug Cotton Leafperforator Cutworm Leafhoppers cotton Fleahoppers Plant Bugs Thrips Cotton Leafworm	.016-.020	2.29-2.90	<u>Minimum gallonage requirements:</u> For aerial applications use a minimum of one (1) gallon of water per acre or one (1) quart of at least once refined crop oil per acre.  <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 <u>plus</u> 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.
	Cotton Bollworm Tobacco Budworm Pink Bollworm Boll Weevil Cabbage Looper Soybean Looper** Fall Armyworm Beet Armyworm European Corn Borer Brown Stink Bug Southern Green Stink Bug Mites** Aphids** Whitefly** Saltmarsh Caterpillar	.018-.024	2.56-3.33	

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	1.73-2.33	<u>Minimum gallonage requirements:</u> For aerial applications use a minimum of one (1) gallon of water per acre or one (1) quart of at least one refined crop oil per acre.  <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 <u>plus</u> crop oil concentrate at 1 pint to 1 quart per acre. For ground applications use a minimum of five (5) gallons of water per acre for thorough coverage of the foliage.
	Fall Armyworm Beetarmyworm Stink Bug Soybean Looper** Cabbage looper Cutworm Grasshopper	.016-.024	2.33-3.33	

\* 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

Pounds ai Per Acre	Fluid Ounces Per Acre	Acres Treated Per Gallon	Quarts Per 5 Acres
.012	1.73	73.5	1.08
.016	2.29	56.0	1.43
.018	2.56	50.0	1.60
.020	2.90	44.0	1.82
.024	3.33	38.4	2.08



(Rear Panel Continued)

Tank Mix Recommendations

Scout X-TRA<sup>TM</sup> 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.

Spray Drift Precautions for Cotton Use

1. All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.
2. Do not make aerial or ground applications during temperature inversions.
3. 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.
4. Do not apply by ground within 25 feet, or by air within 75 feet of lakes; reservoirs; rivers; permanent streams, marshes or natural ponds; estuaries and commercial fish farm ponds.
5. For aerial applications, the spray boom must be mounted on the aircraft so as to minimize drift caused by wingtip or rotor vortices. Boom length must not exceed 75% of wing span or rotor diameter.
6. 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®, Asana® XL, Baythroid®, Capture®, Cymbush®, Fury<sup>TM</sup>, Karate®, Pounce® and Scout®.

(Rear Panel Continued)

**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.

**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, 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.

ROUSSEL UCLAF 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 ROUSSEL UCLAF and user assumes the risk of any such use. ROUSSEL UCLAF MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR OF MERCHANTABILITY. In no case shall ROUSSEL UCLAF 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 ROUSSEL UCLAF.

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Asana XL is a registered trademark of E.I. duPont de Nemours  
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Baythroid is a registered trademark of Bayer A.G.

Scout is a registered trademark of Hoechst-Roussel Agri-Vet  
 Company.  
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