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NOV 15 1993

Mr. Pierre Malvoisin
Hoechst-Roussel Agri-Vet Co.
Route 202-203
P.O. Box 2500
Somerville, NJ 08876-12583

Dear Mr. Malvoisin:

Subject: Application for Amendment/Extension of Conditional
Registration
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 Letter Dated November 11, 1993

The Agency accepts your application for amended registration incorporating the terms and conditions stipulated in the subject letter for purposes of extending the registration of the subject product.

Therefore in accordance with FIFRA Section 3(c)(7)(B)(C) the conditional registration of the subject product is extended for a period not to exceed November 15 1996.

A stamped copy of the final labeling submitted November 11, 1993 is enclosed. We agree that this labeling including supplemental labeling will be revised to incorporate the revisions specified in paragraph 2 of the subject letter before distribution or use. Please submit five copies of revised finished labeling when printing is completed.

Sincerely yours,

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

Enclosure

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

(Revised November 11, 1993)

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 Super-
vision and Only for Those Uses Covered by the
Certified Applicator's Certification

SCOUT®
INSECTICIDE

ACTIVE INGREDIENT:

(1R,3S)3[(1'RS)(1',2',2',2',-tetrabromoethyl)]-2,
2-dimethylcyclopropanecarboxylic acid (S)-alpha-
cyano-3-phenoxybenzyl ester 3.75% *

INERT INGREDIENTS**..... 96.25%

TOTAL 100.00%

* Equivalent to 0.3 lb. active ingredient per U.S. gallon.

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. 34147-2
EPA EST. NO. 34147-FR-1

Roussel Uclaf
102 Route de Noisy
Romainville, France

Scout® is a registered trademark of Roussel Uclaf.

ACCEPTED
with COMMENT
in EPA Letter 10/1/93

NOV 15 1993

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

34147-2

PRECAUTIONARY STATEMENTSHAZARDS 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. Harmful if swallowed, 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 Roussel Uclaf immediately if you observe any adverse environmental effects due to the use of Scout® 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.

For a Human, Fire, Spill or Environmental Emergency call:
1-800-228-5635 Extension 132

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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.

(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.

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.

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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® 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® 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.

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Crop	Insect	Fluid* Ounces Per Acre	Dilution Requirements
Cotton	Cotton Leaf Perforator Cotton Bollworm Pink Bollworm Tobacco Budworm Beet Armyworm Fall Armyworm Bollweevil**	6.4	<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.
		to 10.0	<u>Optimum gallonage requirements</u> For aerial applications under hot, dry environmental conditions or when the canopy is dense, gallonage requirements may need to be increased to 3-5 gallons of water plus 1 quart of crop oil per acre. For ground applications use a minimum of four (4) gallons of water per acre for thorough coverage of the foliage.

- * Apply as required by scouting reports usually at intervals of five to seven days. Under normal conditions, the rate of 6.4 fluid ounces will give adequate control.

** For optimal control of Bollweevil apply on a three-five day spray schedule.

Crop	Insect	Fluid ^m Ounces Per Acre	Dilution Requirements
Soybean	Mexican Bean Beetle Green Cloverworm Velvet Bean Caterpillar Leaf Hoppers Corn Ear Worm	5.2 to 7.0	<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> 1 quart of crop oil per acre. For ground applications use a minimum of five (5) gallons of water per acre for thorough overage of the foliage.
	Fall Armyworm Beet Armyworm Stinkbugs Soybean Looper Cabbage Looper Cutworms Grasshoppers	6.4 to 10.0	

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

CONVERSION TABLE FOR SCOUT® INSECTICIDE

Fluid Ounces Per Acre	Pints Per Acre	Acres Treated Per Gallon	Quarts Per 5 Acres
5.2	0.3250	24.5	0.81
6.0	0.3750	21.3	0.94
6.4	0.4000	20.0	1.00
7.0	0.4375	18.5	1.10
8.0	0.5000	16.0	1.25
10.0	0.6250	12.8	1.56

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.

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Tank Mix Recommendations

Scout® 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.

DIRECTIONS FOR USESUPPLEMENTAL 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, 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.

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- 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 81 fl. oz. per acre (0.19 lb. ai/A) on cotton, and 51 fl. oz. per acre (0.12 lb. ai/A) 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, 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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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.

Scout is a registered trademark of Roussel Uclaf

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