

AgrEvo*

A company of Hoechst and NOR-AM

ACCEPTED

APR 19 1996

Under the Federal Insecticide. Fungicide, and Rodenticiide Act, as amended, for the pesticide registered under 34/47-

Scout X-TRA Gel

INSECTICIDE

EPA Registration Number 34147-11



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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® Gel

INSECTICIDE

For Insect Control on Broccoli, Cotton, Lettuce, Soybeans and Sunflowers
NOT FOR SALE OR USE IN CALIFORNIA

ACTIVE INGREDIENTS:

(1R,3S)3[(1'RS)(1',2',2',-tetrabromo-ethyl)]

 - 2,2-dimethylcyclopropanecarboxylic acid (S)-∞-cyano-3phenoxybenzyl ester*
 12.1%

INERT INGRÉDIENTS:**

87.9%

TOTAL

100.0%

**Equivalent to 1 pound of active ingredient per U.S. gallon **Contains petroleum distillates EPA Reg. No. 34147-11

NET CONTENTS:

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

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

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting because of aspiration hazard. Drink promptly a large quantity of milk, egg whites, or getatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

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

NOTE TO PHYSICIAN: The product contains petroleum distillates. Probable mucosal damage may contraindicate the use of gastric lavage.

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 800-228-6535, EXT. 202.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER - PELIGRO

Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Harmful if absorbed through skin or inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes, on skin, or on clothing. Avoid contact with skin. Avoid breathing spray mist.

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.

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

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 Chemical-resistant apron when mixing or loading, or cleaning equipment.

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.
- 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.

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™ Gel 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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Do not store this product under wet conditions.

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: Do not reuse outer bag. Dispose of outer bag in a sanitary landfill, by 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 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

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- Chemical-resistant gloves, such as barrier laminate or viton
 ≥ 14 mils
- Shoes plus socks
- Protective eyewear.

GENERAL INFORMATION

SCOUT X-TRA Gel insecticide is formulated as a gelatinous mixture containing the equivalent of 1 lb traiomethrin active ingredient per U.S. gallon. It is packaged in water soluble bags.

Dilute SCOUT X-TRA Gel insecticide in water according to the directions in the APPLICATION RATE CHART and use as a foliar spray at the rates listed therein. Uniform coverage is essential. Begin applications when economic infestations occur based on local information, and repeat as needed.

DETERMINATION OF THE NUMBER OF SCOUT X-TRA GEL INSECTICIDE BAGS

- Select the intended use rate in lbs ai/A from the APPLICATION RATE CHART.
- Select the number of acres to be treated from the CONVERSION TABLE corresponding to the rate column (rate determined from step 1).*
- 3. The number of bags needed in listed in the first column.

*Note that the number of acres that can be treated per load is dependent upon the water volume selected and the capacity of the spray tank. See the dirution requirements in the APPLICATION RATE CHART.

MIXING, LOADING AND HANDLING INSTRUCTIONS

USE PRECAUTIONS: DO NOT use the SCOUT X-TRA gel bags in a tank mix with products that contain boron, chromium or other micronutrients.

GENERAL HANDLING INSTRUCTIONS: Each SCOUT® X-TRA Gel insecticide water soluble bag comes sealed in a clear plastic outer sleeve. Do not break the seal until time of use. To use, open the end of the outer sleeve by tearing along the printed solid black line. Do not use a knife or other sharp object to break the seal. Once the outer protective sleeve is open, the water soluble bag inside can be dropped into the spray tank at the appropriate time without touching it.

SPECIFIC MIXING INSTRUCTIONS: To ensure proper mixing of the gel bags, follow the instructions below:

- 1. SCOUT X-TRA GEL ALONE: Begin by filling the spray tank with clear water to prime the system (about 6-8 inches for most sprayers). Turn off the fill valve and drop the recommended number of gel bags into the tank, distributing them across the bottom but not covering the circulation and outlet holes. After the bags have soaked for 2 minutes, start the agitation and agitate thoroughly for 2 minutes. With the agitation on, continue to fill the spray tank to the desired level. Agitate during spraying. If spraying must be stopped before emptying the sprayer, resume agitation before spraying the remainder of the load.
- 2. SCOUT X-TRA GEL TANK-MIXTURES: Follow all use directions as listed above under SCOUT X-TRA GEL ALONE with the following exception: After the SCOUT X-TRA gel bags are thoroughly mixed and the water is added to fill the tank 1/2 full, add the recommended amount of wettable powder, soluble powder, flowable, emulsifiable concentrate, or soluble liquid

product, while maintaining agitation. If a spray additive is needed, add a liquid fertilizer (except fertilizers containing boron, chromium or other micronutrients, see USE PRECAUTIONS above), surfactant, or crop oil concentrate to the spray tank. Then continue adding water to the tank to achieve the desired level, while maintaining agitation.

3. SCOUT X-TRA GEL TANK-MIXTURES WITH PRODUCTS IN WATER-SOLUBLE PACKAGING: Follow all use directions as listed above under SCOUT X-TRA GEL ALONE with the following exception: Add the desired number of other water-soluble bags to the tank (if allowed by their label instructions) at the same time the SCOUT X-TRA gel bags are added to the spray tank.

HANDLING PRECAUTIONS FOR WATER SOLUBLE BAGS:

- Do not allow the empty outer sleeve or the tear-strip to fall into spray tank as they are not water soluble and may clog the sprayer.
- Do not handle the inner bag with wet gloves as the bag will begin to dissolve on contact with even a small amount of water.
- Do not open the inner bags or attempt to remove the gel from them. The gel is not designed to be re-measured or subdivided; the entire contents of the water-soluble bag must be used.

APPLICATION RATE CHART FOR SCOUT X-TRA GEL INSECTICIDE

Crop	Insect	lb ai/A*	Dilution Requirements				
	Lygus bug Cotton leafperforator Cutworms Cotton fleahoppers Plant bugs Cotton leafworm Leafhoppers	0.016–0.020	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.				
Cotton	Thrips						
	Cotton boliworm Tobacco budworm Pink bollworm Boll weevil Cabbage looper Soybean looper** Fall armyworm** Beet armyworm** European corn borer Stink bugs Saltmarsh caterpillar Mites** Aphids**	0.018–0.024	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.				
	Whitefly**		· · · · · · · · · · · · · · · · · · ·				

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

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^{**}Suppression only,

Crop	Insect	lb ai/A*	Dilution Requirements
egggenetic-co-databallingeth-transporting-gazzening-gazzening-	Mexican bean beetle Green cloverworm Velvetbean caterpillar Leafhoppers Corn earworm Three-cornered alfalfa hor	0.012–0.016 ·	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:
Soybeans	Fall armyworm Beet armyworm Stink bugs Soybean looper** Cabbage looper Cutworms Grasshoppers	0.0160.024	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.
Broccoli and Lettuce (Head & Leaf)	Cabbage looper Imported cabbageworm Diamondback moth Corn earworm Saltmarsh caterpillar Flea beetle Leafhoppers Stink bugs Grasshoppers Green cloverworm Alfalfa looper Cutworms	0.016–0.020	Minimum gallonage requirements: For aerial applications—use a minimum of two (2) gallons of water per acre. For ground applications—use a minimum of five (5) gallons of water per acre for thorough coverage of the foliage.
	Beet armyworm Fall armyworm European corn borer Aphid**	0.0180.024	
Sunflowers	Sunflower beetle	0.005-0.01	Minimum adlanago reguiromentos
	Banded sunflower moth Cabbage looper Corn earworm Leafhoppers Potato flea beetle Sunflower seed weevil Sunflower stem weevil (m Sunflower maggot Sunflower moth	0,014–0.0164 noth)	Minimum gallonage requirements: For aerial applications—use a minimum of two (2) gallons of water per acre. Do not apply as an Ultra Low Volume (ULV) spray For ground applications—use a minimum of five (5) gallons of water per acre for thorough coverage of the foliage
)	Cutworms Grasshoppers (except - lu	0,0164-0.019 bber grasshoppers)	and design sectorage of the long of

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

TABLE I
CONVERSION TABLE FOR SCOUT X-TRA GEL INSECTICIDE: FOR WATER SOLUBLE BAGS CONTAINING 0.2 LB AI/BAG

Number of Acres Treated No. of 0.005 0.010 0.012 0.014 0.016 0.0164 0.017 0.018 0.019 0.020 0.021 0.022 0.023 0.024 lb ai/A Ib ai/A lb ai/A <u>lb ai/A</u> Ib ai/A Bags 3.7 16.7 14.3 12.5 12.2 11.8 11.1 10.5 9.5 9,1, 8.3 9.5 3.7 18 '17.4 16.7 24.4 27 26 36 35 57 55 , , , , 52 70

^{**}Suppression only.

TABLE II

CONVERSION TABLE FOR SCOUT X-TRA GEL INSECTICIDE: FOR WATER SOLUBLE BAGS CONTAINING 0.3 LB AI/BAG

Number of Acres Treated

No. of Bags	0,005 lb aj/A	0.010 lb ai/A	0.012 lb ai/A	0.014 lb ai/A	0.016 lb ai/A	0.0164 lb ai/A	0.017 lb ai/A	0.018 lb ai/A	0.019 lb ai/A	0.020 lb ai/A	0.021 lb ai/A	0.022 lb ai/A	0,023 lb ai/A	0,024 lb ai/A
1	60	30	25	21	19	18.3	18	17	16	15	14	13,5	13	12.5
2	120	60	50	43	38	37	35	33	32	30	29	27	26	25
3	180	90	75	64	56	55	53	50	47	45	43	41	39	38
4	240	120	100	86	75	73	71	. 67	63	60	- 57	55	52	50
5	300	150	125	107	94	91	88	83	79	75	71	68	65	63
6	360	180	150	129	112	110	106	100	95	90	86	82	78	75
7	420	210	175	150	131	. 128	124	117	111	105	100	95	91	88
8	480	240	200	171	150	146	_141	133	126	120	114	109	104	100

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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 Gel insecticide may be applied in tank-mixtures with other products approved for use on cotton, soybeans, proccoli, 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 a combination of products) to a crop in one growing season. Synthetic pyrethroid products include: AMBUSH®, AMMO® 2.5 EC, ASANA® XL, BAYTHROID® 2, CAPTURE® 2EC, CYMBUSH®, DANITOL® 2.4 EC, DECIS®, FURY™ 1.5 EC, KARATE®, MUSTANG®, POUNCE® 3.2 EC, SCOUT X-TRA and SynerGin 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.
- 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:

- DO NOT graze or harvest treated soybean forage, straw or hay for livestock feed. DO NOT graze or feed treated sunflower foliage.
- 2. DO NOT apply more than 0.19 pound of active ingredient per acre on cotton, broccoli, and lettuce per growing season. DO NOT apply more than 0.12 pound of active ingredient per acre on soybeans per growing season. DO NOT apply more than 0.06 pound of active ingredient per acre on sunflowers per growing season.
- 3. DO NOT apply within 28 days of harvest for cotton, within 21 days of harvest for soybeans, within 3 days of harvest for head and leaf lettuce, within 5 days of harvest for broccoli, and within 21 days of sunflowers harvest.

SCOUT X-TRA® Gel Insecticide - formulated using Gel-Tec® technology under ticense from Rhône-Poulenc, Inc.

Gel Tec is a registered trademark of Rhône-Poulenc

- DO NOT apply this product through any type of irrigation system
- DO NOT apply this product to sunflowers as an Ultra Low Volume (ULV) spray.

Ambush, Cymbush, and Karate are registered trademarks of Zenece, 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.

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

SynerGin is a trademark of AgrEvo USA Company

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 conditions 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.

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MARKETED BY:

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