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CONFIRM 2F

AGRICULTURAL INSECTICIDE

NOTICE: Before using the product, read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Restrictions and Storage and Disposal instructions.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Consult a physician if irritation persists.

IF INHALED: Move victim to fresh air.

IF ON SKIN: Wash affected skin thoroughly with soap and water. Consult a physician if irritation persists.

IF SWALLOWED: Dilute by giving two glasses of water to drink and consult a physician. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Emesis is recommended.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

May cause eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. Do not swallow, get in eyes, on skin or breathe spray mist.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standards (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.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water or to areas where surface water is present or to tidal areas below the mean high water mark, except under forest canopy when aerially applied to control forest pests. Do not contaminate water when disposing of equipment washwaters and rinsate. Do not apply when weather conditions favor drift or runoff from areas treated.

This pesticide demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where the water table is shallow may result in groundwater contamination. Application should not be made to field areas which are less than 100 feet from permanent natural bodies of surface water or reservoirs.

ACTIVE INGREDIENT
Thiophanate
Butenolide
Butenolide cont. 2.5-dimethyl, 1,1,1-trimethyl-
-2,4,4-trihydroxybutyl
INERT INGREDIENTS

23.0%
77.0%
100.0%

*Equivalent to 2 lb. active ingredient per gallon



EPA REGISTRATION NO. 707-238

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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), notification to workers and restricted-entry interval. 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 12 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 • Waterproof gloves • Shoes plus socks

CONDITIONS OF SALE AND WARRANTY

Rohm and Haas warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of Rohm and Haas and Seller. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pest, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. IN NO CASE WILL ROHM AND HAAS OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

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GENERAL INFORMATION

CONFIRM 2F Agricultural Insecticide mimics the action of the natural insect hormone 20-hydroxyecdysone, the physiological inducer of the molting and metamorphosis process in insects. CONFIRM 2F is highly active against most lepidopterous larvae while having practically no activity at typical use-rates against other orders of insects. The selectivity of CONFIRM 2F allows for the maintenance of the populations of beneficial and predatory insects which is a key element in integrated pest management programs. CONFIRM 2F controls lepidopterous larvae through a novel mode-of-action by the induction of a premature lethal molt which initiates within hours of ingestion of treated foliage. Contact activity has also been observed in some insects. Actual death of the larvae will take several days to occur, although feeding by the insects generally ceases within 24 hours of treatment.

USE RATE DETERMINATION

Carefully read, understand and follow label use rates, recommendations and restrictions. Apply the amount specified in the following table with properly calibrated aerial or ground spray equipment. The low rates may be used for light infestations of the target lepidopterous species and the higher rates for moderate to heavy infestations. CONFIRM 2F may be applied in either dilute or concentrate sprays so long as the application equipment is calibrated and adjusted to deliver thorough, uniform coverage. Use the specified amount of CONFIRM 2F per acre regardless of spray volume used.

MIXING

Slowly pour CONFIRM 2F into the spray tank as it is being filled. Triple-rinse container used to measure CONFIRM 2F and add rinsate to spray tank.

APPLICATION

For proper application, determine the number of acres to be treated, the number of ounces of CONFIRM 2F Agricultural Insecticide required based on the suggested label use-rate and the spray volume to be applied per acre. Prepare only the amount of spray solution required to treat the measured acreage. Carefully calibrate spray equipment prior to application. Avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur.

CHEMIGATION

Do not apply this product through any type of irrigation system.

ADJUVANTS

Tank-mixes with adjuvants including surfactants, crop oil or vegetable oils are recommended to maximize activity. Rohm and Haas suggests the use of CONFIRM 2F Agricultural Insecticide in combination with an adjuvant including LATRON B-1956, LATRON CE-7 or LATRON AG-98 or similar EPA approved adjuvants at a rate of 0.125% on a volume to volume ratio with the total water to be applied to the crops. Vegetable oils including soybean or canola oil may also be used at the manufacturer's recommended rates.

COMPATIBILITY

CONFIRM 2F Agricultural Insecticide is believed to be compatible with most commonly used agricultural fungicides, insecticides, growth regulators, foliar fertilizers and spray adjuvants. If in doubt, mix proportional amounts of all spray ingredients in a test vessel. Shake the mixture vigorously and allow it to stand for fifteen minutes. Rapid precipitation of the ingredients and failure to re-suspend when shaken indicates that the mixture is incompatible and should not be applied.

USE DIRECTIONS FOR WALNUTS

Lepidopterous Pest	CONFIRM 2F RATE -ounces per Acre-	Application Timing	Recommendations	Restrictions
Codling Moth (<i>Cydia pomonella</i>)	8.0 - 16.0 (0.125 - 0.250 lbs. A/A)	Apply just prior to egg hatch for each generation or flight of moths.	Apply in combination with an adjuvant including LATRON B-1956, LATRON CE-7, LATRON AG-98 or similar EPA approved adjuvants at a rate of 0.125% volume to volume.	Allow at least 30 days to elapse between final application and harvest.
Navel Orange Worm (<i>Amorbia Transstella</i>)		Apply with approximately 5% to 20% hull split.	Crop oils or vegetable oils may also be used as recommended by a State Agricultural Experimental Station or Extension Service Specialists.	Do not graze livestock in treated areas or feed cover crops grown in treated areas to livestock.
Fall Webworm (<i>Hyphantria cunea</i>)		Apply at first signs of larvae appearance.	Equipment and spray volume should be carefully adjusted to assure thorough uniform coverage of infested parts of the tree.	Do not make more than four applications per season.
Redhumped Caterpillar (<i>Schizura concinna</i>)		Apply at the first signs of larvae appearance.		Apply a minimum of 25 gallons per acre by conventional ground equipment or minimum of 10 gallons per acre by air.

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STORAGE AND DISPOSAL**STORAGE**

Store in a cool dry well-ventilated area, but not below 32°F.

PESTICIDE DISPOSAL

Do not contaminate water, food or feed by storage or 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 region office for guidance.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill; by incineration or if allowed by State and local authorities, by burning. If burned stay out of smoke.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Appropriate protective equipment must be worn when handling a spill of this material. Transfer spilled material to suitable containers for recovery or disposal. Contain spills immediately with inert materials (e.g. sand, earth). Transfer liquids and solid drying material to separate suitable containers for recovery or disposal. Keep spills and cleaning runoff out of municipal sewers and open bodies of water. REFER TO PRECAUTIONARY STATEMENTS.

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