

BESTICIDE 0029

For Use by Trained Personnel Only

Authorized by U.S.D.A. for use in Federally inspected meat and poultry plants.

For control of: angoumois grain weevil, apt. weevils, bagworms, beetles, chalcids, cheese mites, cheese shippers, cigarette beetles, clover mites, confused flour beetles, dark mealworms, deer flies, dried fruit beetles, drugstore beetles, earwigs, fruit flies, groundhogs, fungus gnats, gnats, grain mites, granary weevils, horn flies, horse flies, house flies, Indian meal moths, lice, Mediterranean flour weevil, mosquitoes, mushroom flies, red flour beetles, rice weevils, saw-toothed grain beetles, small flying moths, spider beetles, stable flies, tobacco moths, wasps, yellow mealworms.

ACTIVE INGREDIENTS:	
Pyrethrins	3.00%
Piperonyl Butoxide, Technical*	6.00%
N-ortyl bicycloheptene dicarboximide*	10.00%
INERTS	81.00%

CONTAINS PETROLEUM DISTILLATE Total 100.00%
*Consists of 4.80% (butylcarbityl) (6-propylpiperonyl) Ether and 1.20% related compounds.

CAUTION
KEEP OUT OF REACH OF CHILDREN
See side panel for additional precautionary statements

E.P.A. Reg. No. 5011-139

E.P.A. Est. No. 5011-IN-1

NET CONTENTS: _____ gal. Lot # _____

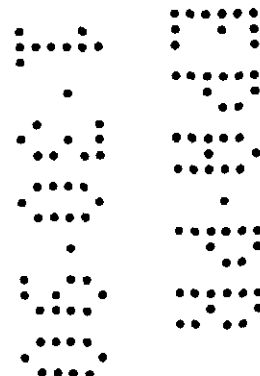


Manufactured by

Garmel Chemical Corporation

17.03 U.S. 31 NORTH
WESTFIELD, INDIANA 46074

Use Best Available Data to determine if a pesticide is in compliance with the requirements of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and to determine if a pesticide is in compliance with the requirements of the Federal Food, Drug, and Cosmetic Act (FDCA). Active ingredient change in status.



PRECAUTIONARY STATEMENTS
Hazard To Humans And Domestic Animals

CAUTION:

Harmful if swallowed. Do not apply directly to food.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish. Keep out of lakes, streams or ponds.
Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE:

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

STORAGE AND DISPOSAL:

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. **PESTICIDE DISPOSAL:** Pesticide spray mixture or rinse that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. **CONTAINER DISPOSAL:** Containers 30 gallons or more — a) reseal container and offer for reconditioning or b) triple rinse (or equivalent) and offer for recycling; reconditioning for disposal in approved landfill or bury in a safe place. Containers less than 30 gallons — As in b) above. **GENERAL:** Consult Federal, State or local disposal authorities for approved alternative procedures.

INDOOR USE AS A SPACE SPRAY, UNDILUTED: The use of this product in food processing or food handling establishments should be confined to time periods when the plants or facilities are not in operation. Foods should be removed or covered during treatment. All food processing should be covered during treatment or thoroughly cleaned before using.

Close windows and doors and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns). Apply at a rate of 1/2 oz. per 1,000 cu. ft. of space. Direct the spray toward the ceiling and upper corners of the area, behind obstructions. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary. Sweep up and destroy fallen insects.

This method of application will control exposed, accessible stages of flies (including fruit flies), mosquitoes, small flying moths, gnats, wasps, hornets, clover mites, cheese mites, cheese skippers, boxelder bugs, earwigs, ants and the following common stored product pests: granary weevils, rice weevils, confused flour beetles, sawtoothed grain beetles, spider beetles, cigarette beetles, drugstore beetles, angoumois grain moths, Mediterranean flour moths, Indian meal moths, yellow mealworms, dark mealworms, grain mites, cadellies and red flour beetles.

DRIED FRUIT PRODUCTS in storage or being processed for control of confused flour beetles, dried fruit beetles, Indian meal moths, and sawtoothed grain beetles. Remove and destroy infested products. As noted above, disperse this product in a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Use 1/2 oz. per 1,000 cu. ft. of space. Repeat application at this dosage in any given month. Leave the room closed for 1 hour. Do not remain in treated area and ventilate the area before re-entry. Sweep up and destroy fallen insects.

STORED FOOD: (Stored in multi-walled bags or cloth bags) in warehouses, storage rooms, flour mills, grain elevators, granaries for control of angoumois grain moths, cadellies, confused flour beetles, Indian meal moths, Mediterranean flour moths, rice weevils, sawtoothed grain beetles, yellow mealworms, cheese mites, cheese skippers, cigarette beetles, grain mites, granary weevils, dark mealworms, red flour beetles. Remove and destroy infested products. As noted above, disperse this product first by directing spray into corners, under pallets, and around stacks of packaged foods hitting as many insects as possible and then treat as a space spray. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Use a dosage of 1/2 oz. per 1,000 cu. ft. of space. Do not remain in treated area and ventilate area before re-entry. This application will kill accessible, exposed stages of those stored product pests listed above. Sweep up and destroy fallen insects.

INDOOR USE AS A SPACE SPRAY, DILUTED: For use in conventional mechanical fogging equipment to control fruit flies, mosquitoes, small flying moths and gnats. Cover or remove exposed food and food handling equipment. Close room and shut off all air conditioning or ventilating system equipment. Dilute 1 part concentrate plus 39 parts oil (refined kerosene) and mix well. Apply at the rate of 1 to 2 oz. per 1,000 cu. ft. filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

SURFACE SPRAY: To insure maximum control of crawling insects, ants, boxelder bugs, clover mites, confused flour beetles, earwigs, lice, spider beetles, dilute 1 part concentrate plus 39 parts oil (refined kerosene) and mix well. Apply as a coarse wetting spray using approximately 1 gal. of spray mixture per 1,000 sq. ft. of surface. Spray walls, floor and other surfaces of bins and storage and handling areas thoroughly, being especially careful to treat cracks, crevices, and similar hiding places. Treat unloading, handling and processing areas, including the areas of processing and handling equipment. Spray thoroughly around the bases of these areas to kill crawling insects directly when possible.

For in transit protection, clean and spray truck beds, boxcars, and ship holds before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers lightly as stacked.

To control Indian meal moths and angoumois grain moths in stored grain, apply to the surface of stored grain at a rate of 1 gal. per 1,000 sq. ft. Apply at monthly intervals with the first appearance of moths and continuing until they fall. In case of severe infestation, break up wetting with rake before spraying and make a series of applications over 2 weeks.

As an aid in control of mosquitoes, gnats, wasps and skippers, treat walls, ceiling, mouldings, screens, floor, window frames, beams, light cords and similar resting places.

ANIMAL QUARTER USE: (Cattle barns, horse barns, poultry houses, swine houses, zoos). As a space spray, dilute for use in conventional mechanical fogging equipment to kill flies, mosquitoes, small flying moths and gnats. Dilute 1 part concentrate plus 39 parts oil (refined kerosene) and mix well. Apply at the rate of 1 to 2 oz. per 1,000 cu. ft. of space above the animals. Direct spray towards the upper portions of the animals, retaining the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

IN MUSHROOM PRODUCTION AND PROCESSING: To control mushroom fruiting is gnats in growing houses, dilute 1 part concentrate plus 39 parts special fog oil and mix well. Apply at a rate of 1/2 oz. per 1,000 cu. ft. of space. Fogger should be operated 8 to 10 ft. away from beds and should be directed slightly upward over them. Circulating fans should be left in operation, but for best results, refrigeration should be turned off. In packaging and canning plants, use at a rate of 1/2 oz. per 1,000 cu. ft. of space.

FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS: Dilute 1 part concentrate with 3 parts base oil (refined kerosene) and use with a ULV spraying device at the rate of 1 oz. per 1,000 cu. ft. of room space. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects shelter. Contact as many insects as possible. Repeat as necessary for control of exposed or accessible stages of roaches, silverfish, waterbugs, earwigs, ants, spiders, flies, fruit flies, mosquitoes, small flying moths and gnats. Before using, exposed food products and packaging materials must be covered or removed. After use, equipment and utensils must be thoroughly rinsed with potable water before operations are resumed. Use as a space spray only when plant is not in operation.

OUTDOOR GROUND APPLICATION, UNDILUTED: To control adult mosquitoes, gnats and small flying moths. For best results, apply when there is a light breeze of approximately 5 mph and temperature is 65° F. or less. With a ULV spraying device, spray at a dosage rate of 5 oz. per minute up wind of the area to be controlled. If the equipment is truck mounted, keep the speed to approximately 5 mph with a swath width of no more than 100 ft. To control mosquito larvae, dilute at the rate of 15 oz. per 50 gal. of oil and apply at the rate of 20 to 25 gal. per acre. Apply as a coarse wetting spray to the border or on shallow water of wet lands, swamps and marshes where mosquito larvae are known to breed.

In additional outdoor areas (corral, feed lots, swine lots and zoos) cover water drinking fountains and animal feed before use. Fill area with mist, directing application into tall grass, shrubbery and around lawns where these pests may hover or rest. Apply while air is still. Avoid wetting foliage. In zoos, avoid exposure of reptiles to the product. Repeat as necessary.

FOR USE ON ANIMALS: To protect beef and dairy cattle, horses and dogs from horn flies, house flies, mosquitoes and gnats, dilute 1 part concentrate plus 39 parts oil (refined kerosene) and mix well. Apply a light mist sufficient to wet the legs of the hair. To control stable flies, horse flies, and deer flies on beef and dairy cattle and horses, apply 2 oz. per adult animal sufficient to wet the hair, but not soak the hide. Repeat treatment once or twice daily or at intervals to give continued protection.

To control the motile stages of blood sucking lice on beef and dairy cattle, apply the spray to thoroughly wet the hair. Use 7 oz. or less per animal and repeat every 7 to 10 weeks as required.

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