

USES IN LIVESTOCK, POULTRY AND ANIMAL PRODUCTION - FOR CONTROL OF LITTER BEETLES

General Information

PRODUCT INFORMATION

PIVOT 10 inhibits the typical development and ability of immature insects from reaching adulthood. PIVOT 10 use can limit insect reproduction by causing adult insect sterilization, reduced egg production, behavior modifications, deformed insects and death. PIVOT 10 may be used in an Integrated Pest Management (IPM) program to help in the prevention of insect resistance.

PRECAUTIONS:

1. Do not use this product in or on electrical equipment due to possibility of shock hazard.
2. Do not wet carpet, draperies and furniture. **STAINING:** Before using PIVOT 10, test the spray solution in a hidden area before use. As with other products, some fibers or surfaces (such as vinyl siding) may be affected by an application of this, or any liquid product.
3. Before use in commercial or residential food areas, refer to the Food Handling Establishment section of the label.

Remove patients in hospital, nursing homes, or any rooms before treating. If application is done as a surface spray or crack and crevice application, patients may re-enter once the spray has dried. If application is a ULV Fog or space spray, patients may return to the room after it has been thoroughly ventilated.

4. In institutions (including libraries, sports facilities, etc.) applications may be made while the facility is in use, provided treatment is not made in the immediate area where people are present.

APPLICATION INSTRUCTIONS

PIVOT 10 may be applied both indoors and outdoors as a general surface spray,

ULV/fog or space spray application, spot treatment or crack and crevice application. Application may be made using power sprayers, hand pump sprayers, void injectors, in carpet shampoo, using a paintbrush, roller, professional foam applicator, or similar device.

SURFACE APPLICATIONS: Diluted spray may be applied as a spot treatment, broadcast surface application or crack and crevice spray. Apply spray solution to areas where conditions support insect populations and reproduction.

Limitations, Restrictions, and Exceptions

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FOR CONTROL OF INSECT PESTS IN AND AROUND LIVESTOCK, POULTRY AND OTHER ANIMAL HOUSING AND FACILITIES (Including Kennels, Animal Shelters, Stables, Dairies and Zoos):

PIVOT 10 may be used by pest control professionals and livestock producers (including poultry) in, on and around animal housing and facilities to control listed flying insect pests. PIVOT 10 disrupts the cycle of insect reproduction and can be part of an IPM program, and used to prevent or control resistant insect populations, such as Tempo resistant flies. Used as directed, PIVOT 10 will not harm beneficial insects such as predatory wasps.

Apply as a spot treatment; general surface broadcast treatment, ULV fog, spot or crack and crevice application to interior and exterior areas where insect pests collect, travel, rest, hide, harbor or breed. Apply when animals are not in the immediate area being treated. Animals may reenter treated area once spray solution has thoroughly dried. Do not contaminate food, feed, potable water or watering equipment.

FOR CONTROL OF LITTER BEETLES (Such as Darkling, Hide and Carrion Beetles):

PIVOT 10 can be applied to litter, such as in poultry houses infested with litter beetles. When used as directed, PIVOT 10 will not harm beneficial insects in animal litter or bedding, such as predatory wasps. Apply PIVOT 10 to litter at the rate of 4 mL of PIVOT 10 per 1,500 square feet (139 sq meter) of surface in sufficient volume of water to thoroughly wet the surface, although not to the point that runoff occurs. Use up to 12 mL of concentrate per 1,500 square feet (139 sq meter) of surface for

insect populations that are difficult to control or in conditions that make it difficult to achieve desired results.

For effective prevention of beetle larvae in litter, remove animals from immediate treatment area and old litter. Surface treatments immediately after animals are removed and again just prior to new animal placement are most effective. Adult egg-laying beetles can be killed with an adulticide such as CYZMIC CS, OPTIMATE CS or PYROFOS CS Microencapsulated insecticides. Application of adulticide to walls and floors at cleanout, before reintroduction of animals, will suppress beetles that escaped earlier treatment and will help delay onset of future infestations. Pay attention to areas where beetles frequently occur, such as walls, supports, cages, stalls and around feeders.

Apply PIVOT 10 uniformly to floor area and to walls, posts, and cage framing (birds grown in cages only). Application should also be made into cracks and crevices around insulation. Reapply after each grow-out or sanitization procedure. Indoor control can be enhanced by making perimeter treatments around the outside of building foundations to prevent immigrating adult beetles. Apply PIVOT 10 or adulticide insecticides, or both, in a uniform band at least 1 foot (30 cm) up and 6 to 10 feet (1.8 to 3.0 m) out from foundation. Maintaining a year-round treatment program will prevent background populations from reaching problem levels.

Method

[Surface](#)

Rates

[field rates 0](#)

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Timings

[Immediately after animals are removed and again just prior to new animal placement are most effective.](#)