



# Prozap® Gamma-Defense

Product Number: 1927510



## Key Features

- Contains 5.9% Gamma-cyhalothrin
- Micro-encapsulated formula ensures slow release
- Effective against adults and immature Darkling, Hide and Carrion beetles
- One quart treats up to 48,000 square feet when treating for litter beetles
- Prozap Gamma-Defense may be tank mixed with an Insect Growth Regulator (IGR)

## Product Description

Prozap® Gamma-Defense is a micro-encapsulated concentrate for use as a general surface (non-food/non-feed areas), crack and crevice, or spot treatment in, on, and around buildings and structures and their immediate surroundings, and on modes of transport. Prozap Gamma-Defense is formulated for effective control of litter beetles in poultry housing.

## Presentation

Prozap Gamma-Defense	Product Number
32 oz. (946 mL)	1927510

<b>Active:</b>	Gamma-cyhalothrin
<b>Use:</b>	Premise and Perimeter Pest Control, Livestock/Poultry Housing Structures and Pet Kennels, Outdoor Surfaces and Perimeters
<b>Activity:</b>	For control of litter beetles, flies, fleas, ticks, and other insects as listed on the label
<b>Application:</b>	Dilute per application directions on label, spray as directed

## Livestock/Poultry Housing Structures and Pet Kennels

Prozap Gamma-Defense may be used as a general surface and/or crack and crevice treatment. Treat interior and exterior perimeter applications in and around livestock and poultry housing. Treat interior and exterior perimeter application in and around livestock and poultry and pet housing structures for optimum control. Suitable cleaning practices of the structure must also be followed along with applications of Prozap Gamma-Defense to effectively control the listed insects.





## Prozap Gamma-Defense

To control adult litter (darkling, hide and carrion beetles) beetles in animal housing, including poultry housing, apply Prozap Gamma-Defense insecticide to walls and floors at each grow-out or sanitation procedure, before reintroduction of poultry or other animals. Re-apply after each grow-out or sanitation procedure to control beetles that escaped earlier treatment and delay the onset of further infestations. Beetles frequently occur in areas: on walls, supports, cages, stalls, and around feeders, so pay careful attention to these places. For poultry houses where birds are grown on litter, treat the floor area. For poultry houses where birds are grown in cages, treat the walls, posts, cage framing, and into cracks and crevices around insulation. Also apply as a perimeter treatment around the outside of the building foundations to prevent beetles from entering from outside. To prevent populations from reaching a problem level, a year-round maintenance program is highly recommended.

### Rate Table for Perimeter Barrier Applications

Application Rate: Fl. oz. (mL) of Prozap Gamma-Defense	Gals. of Water <sup>1</sup>	Area of Coverage (sq. ft.)
0.16 fl. oz. (5 mL)	1–5 gals.	800–1,600 sq. ft.
0.33 fl. oz. (10 mL)	1–5 gals.	800–1,600 sq. ft.
0.65 fl. oz. (20 mL)	1–5 gals.	800–1,600 sq. ft.

<sup>1</sup>Application volume may be greater than 5 gals./800–1,600 sq. ft. if required under heavy vegetative or landscaping materials in order to obtain desired coverage.

Refer to full product label for additional application calculation examples.

Note: Do not use water-based sprays of Prozap Gamma-Defense in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard. Thoroughly wash out sprayer and screen with water and detergent before using Prozap Gamma-Defense. Prozap Gamma-Defense has not stained or caused damage to painted or varnished surfaces, plastics fabrics, or other surfaces where water applied alone causes no damage. However, treat a small area and allow to dry, to determine whether staining will occur.

#### Active Ingredients

Gamma-cyhalothrin: Cyclopropane carboxylic acid, 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethyl cyano (3-phenoxyphenyl) methyl ester .....	5.9%
Other Ingredients.....	94.1%
<b>Total .....</b>	<b>100.00%</b>

Contains 0.5 pound of active ingredient per gallon.

Contains petroleum distillates.

EPA Reg. No. 47000-192

EPA Est. No. 47000-IA-01

*Please see entire product label and follow all use directions, use restrictions and precautions. Use only for the sites and application methods described on the product label. It is a violation of Federal law to use this product or products in a manner inconsistent with its labeling.*

**To learn more, call 800.621.8829 (USA/Canada) or 859.254.1221, or visit [NEOGEN.com](http://NEOGEN.com).**

