





**KILLS:** Fleas, Flea Larvae & Ticks  
Breaks the Flea Life Cycle

The Precor® family helps provide complete, consistent control,  
indoors and out.





**Combination**



fleas


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ticks

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**Insect Growth Regulator**



fleas

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## PRECOR® LINEUP OFFERS EASE AND EFFICACY

Packing a powerful punch, the Precor® product lineup leaves you feeling reassured you got the job done against fleas and ticks indoors, surrounding you and your customers with confidence. Adding to that confidence, Precor® products are made by the original experts who developed the insect growth regulator (IGR), (S)-methoprene. Precor® products, powered by (S)-methoprene, provide control with minimal impact on non-target species. Offered in a range of formulations, these products feature up to seven months of control against future flea infestations, allowing you to do more with less and reduce call backs. The team of experts at Zoëcon is ready to help you find your ideal Precor® formulation.

## ABOUT THE ACTIVE INGREDIENT – (S)-METHOPRENE

Precor® products are formulated with the core active ingredient, (S)-methoprene. This IGR, developed by the experts at Zoëcon, has been used for more than 50 years by pest control and public health professionals to prevent fleas from developing into breeding, biting adult insects. (S)-Methoprene helps stop the development of immature fleas into adults, thus breaking the life cycle.



flea eggs



flea larvae



flea pupae



fleas



ticks





## FLEAS CAN'T HIDE

The Precor® product line features (S)-methoprene that penetrates deep down to reach pre-adult fleas that make up about 95%\* of flea populations in homes. These products are ideal for treating a range of indoor surfaces such as:

- Carpets
- Upholstered Furniture
- Pet Bedding
- Rugs
- Drapes
- Flooring

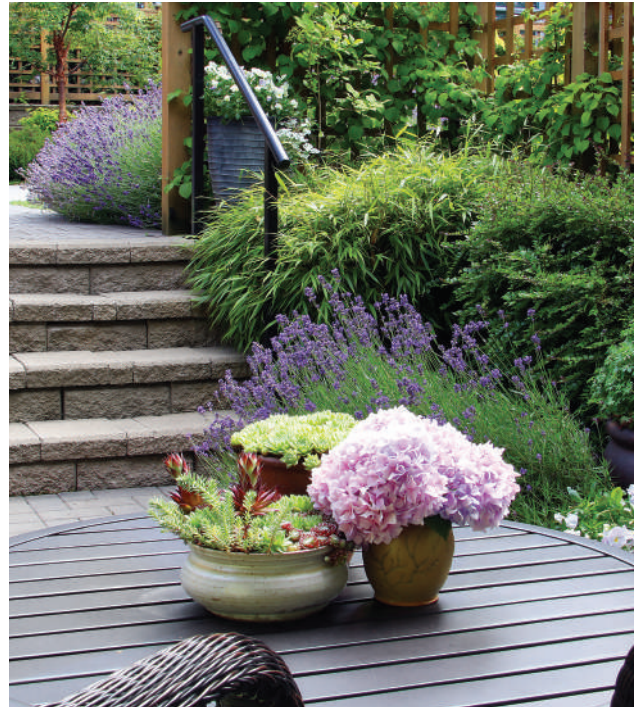


*\*Data on file*

# THE POWER OF PRECOR® NOW PROTECTS OUTDOORS

Precor® products also protect outdoors against fleas, ticks, mosquitoes and labeled pests.

- Residential Lawns
- Commercial Landscapes
- Parks
- Schoolyards
- Other Turf And Ornamental Sites





# VERSATILE FORMULATIONS FOR ALL OF YOUR NEEDS

To accommodate an array of application sites, Zoëcon has developed several unique formulations of Precor® products, all with (S)-methoprene, our pioneering IGR and a migrating active ingredient that ensures you get the job done.

## PRECOR® OUTDOOR F-T-M

Precor® Outdoor F-T-M brings the trusted efficacy of Precor® products to outdoor environments. This micro-encapsulated formulation combines the adulticidal power of tau-fluvalinate with the long-lasting control of (S)-methoprene, our pioneering insect growth regulator technology. Precor® Outdoor F-T-M effectively targets fleas, ticks, mosquitoes and a broad spectrum of labeled pests outdoors.

- Prevents the emergence of adult fleas outdoors for up to eight weeks
- Labeled for use in residential, multi-family, and commercial lawns, parks and other outdoor areas
- Specifically formulated for fleas, ticks and mosquitoes and controls over 50 labeled pests
- Micro-encapsulated formulation helps deliver controlled release of active ingredients for prolonged effectiveness
- Active ingredients: (S)-Methoprene 10.3% and tau-fluvalinate 2.5%
- Available in 32 fl. oz. tip-and-measure bottle, 6 bottles per case
- EPA Reg. #89459-143



flea larvae



fleas



ticks



mosquitoes





## PRECOR® IGR CONCENTRATE

Offering up to seven months of protection against flea infestations, Precor® IGR Concentrate provides residual flea control that prevents flea eggs and flea larvae (95% of flea populations) from developing into adult fleas. To help combat severe flea infestations, Precor® IGR Concentrate can be tank mixed with an adulticide such as Zenprox® EC for effective flea control.

- Controls and prevents future flea infestations
- Can be applied without disrupting household activities
- Up to seven full months of effective, long-lasting indoor flea control
- One fluid ounce of Precor® IGR Concentrate in one gallon of water treats 1,500 sq. ft.
- Tank-mix partner with an adulticide for more immediate relief
- Active ingredient: (S)-Methoprene 1.2%
- Available in a 10 x 1 fl. oz. control pack, 10 packs per case or in a 16 fl. oz. bottle, 6 bottles per case
- EPA Reg. #2724-352

flea eggs



flea larvae



fleas



# ABOUT THE DIFFERENT FORMULATIONS

## PRECOR® 2625 PREMISE SPRAY CASTS A WIDE NET OF PROTECTION

Packing a five active ingredient punch, Precor® 2625 Premise Spray protects your customers against much more than just fleas and ticks. It protects against listed insects that could be problem pests in homes, apartments, motels, hotels, office buildings and more. Precor® 2625 Premise Spray provides both quick knockdown and residual control, with each aerosol can treating **2,625 square feet**.



- Kills fleas, ticks, bed bugs, Argentine ants, Asian lady beetles, carpenter ants, cockroaches, crickets, fire ants, spiders and other listed pests\*
- Seven-month flea larvae control with (S)-methoprene insect growth regulator
- Can be applied as a broadcast spray or crack-and-crevice treatment for hidden or hard-to-reach areas
- System III® compatible
- Active ingredients: Etofenprox 1.00%, Tetramethrin 0.25%, Pyrethrins 0.15%, Piperonyl Butoxide 1.50% and (S)-Methoprene 0.09%
- Available in a 21 oz. aerosol can, 12 cans per case
- EPA Reg. #89459-12

\*See label for full listing of controlled pests.

## PRECOR® PLUS FOGGER

- Features dual active ingredients for prevention of rebound infestations
- Seven-month flea larvae control with (S)-methoprene insect growth regulator
- Easy to apply, ideal for hard-to-reach indoor areas
- Active ingredients: (S)-Methoprene 0.09% and Permethrin 0.58%
- Available in a 3 pack of 3 oz. cans, 6 packs per case
- EPA Reg. #2724-454



Read and follow all label directions.





## PRECOR 2000® PLUS PREMISE SPRAY

- Kills adult fleas, hatching flea eggs, flea larvae, ticks, cockroaches and ants
- Active ingredients provide quick, broad-spectrum knockdown in addition to seven months of residual flea control in one easy step
- Coverage area up to 2,000 sq. ft.
- Active ingredients: (S)-Methoprene 0.085%, Permethrin 0.350%, Phenothrin 0.300%, N-octyl Bicycloheptene Dicarboximide 2.000% and Piperonyl Butoxide 1.750%
- Available in a 16 oz. aerosol can, 12 cans per case
- EPA Reg. #2724-490

## PETCOR®2 FLEA & TICK SPRAY

- On-animal flea control spray
- Can be used on adult dogs and cats as well as puppies 10 weeks of age or older and kittens 12 weeks of age or older
- Kills fleas and ticks
- Repels mosquitoes
- Active ingredients: (S)-Methoprene 0.27%, Etofenprox 0.50% and Piperonyl Butoxide 1.75%,
- Available in a 16 fl. oz. pump spray, 12 bottles per case
- EPA Reg. #2724-797-89459



flea eggs



flea larvae



fleas



ticks



# GET TO THE ROOT OF FLEA INFESTATIONS

The Precor® family of products offers solutions, ridding homes of the fleas you can see and those you can't. The IGR, (S)-methoprene, penetrates and migrates deep into places like the base of carpet fibers and between furniture cushions to prevent the pre-adult fleas you don't see from maturing into breeding, biting adults. See Figures 1 & 2.

When applied early in the season, Precor® products can help stop flea infestations before they start. This professional-grade flea control instills client confidence. You won't have to worry about lingering odors, staining or unsightly residue. When coupled with simple measures that can be followed by your client, the Precor® family of products provides long-lasting flea control and gives you the edge you need to help keep clients flea free throughout the year.

## TIPS FOR THE CLIENT PRIOR TO PRECOR® PRODUCT APPLICATION

- Vacuum all rugs, carpets and furniture. Then, seal and dispose of the vacuum bag in an outside receptacle.
- Clear and clean all floors, even closets. Mop all tile and vinyl floors. Sweep all concrete floors.
- Remove all decorative items, pillows, pet food, water dishes and children's toys – be sure to check for items under beds and furniture.
- Remove all pets. Fish bowls and aquariums may remain if properly covered and the air pump is shut off during treatment.
- Wash or dispose of all pet bedding. If laundering, wash pet bedding separately from other linens.
- For flea and tick control outside, mow the lawn and make sure everything on the ground outside has been removed.



Figure 1: Adult fleas emerging to the tops of carpet fibers.



Figure 2: Flea eggs at the base of carpet fibers.

Photos courtesy of Kansas State University.

flea eggs



flea larvae



flea pupae



fleas



ticks





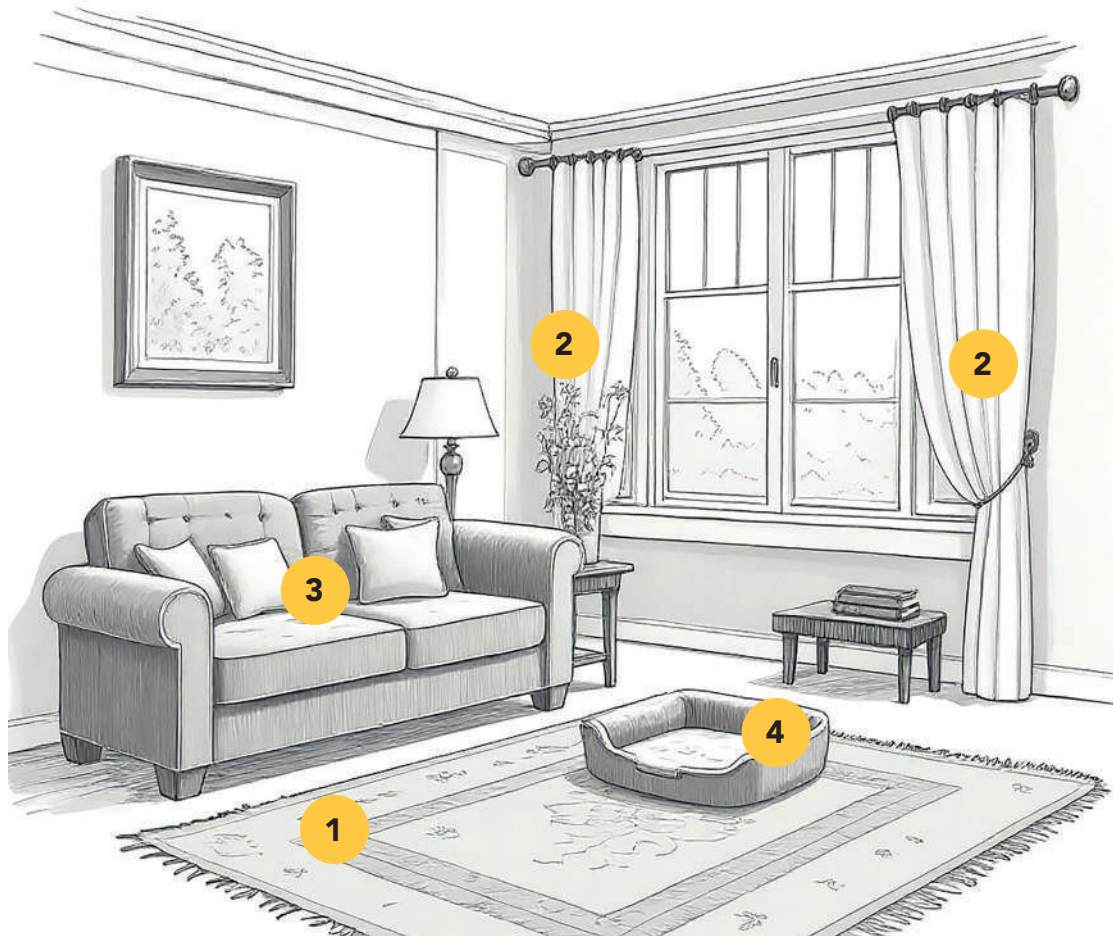
# FLEA & TICK APPLICATION TIPS

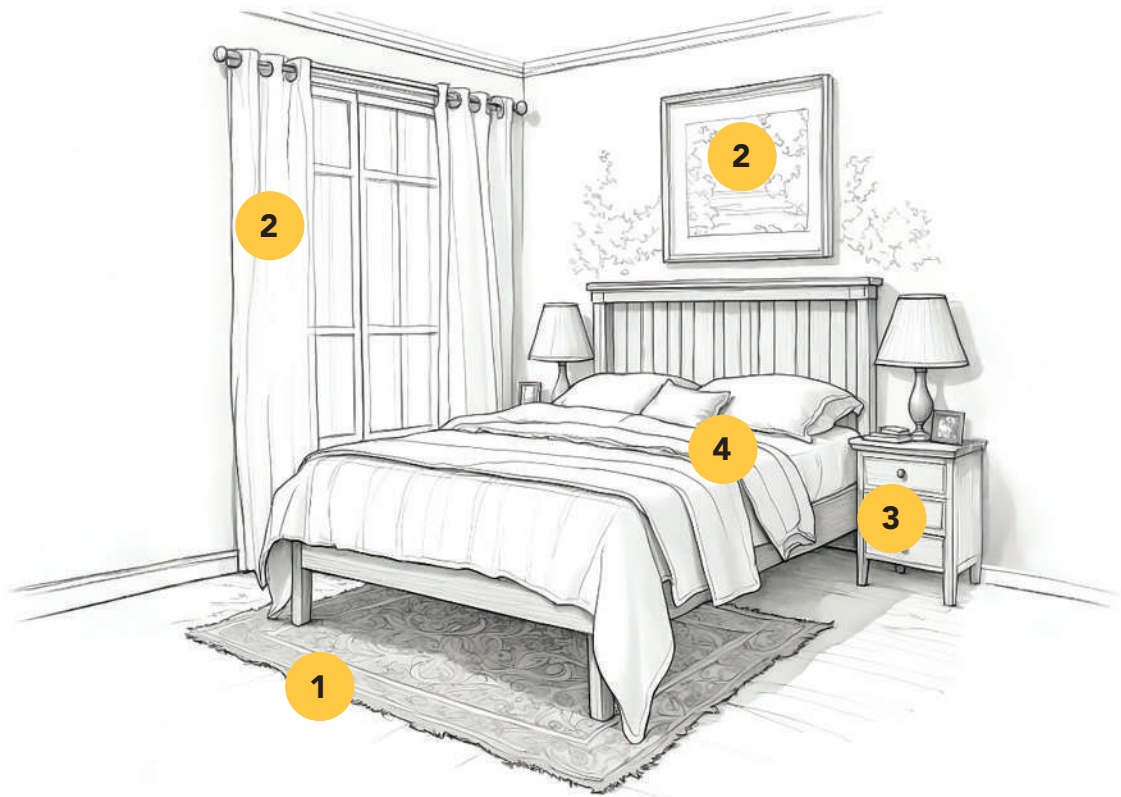
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## FLOORS/CARPETS/HARDWOOD/TILE

• Fleas will not develop on hardwood and tile, unless there are gaps in the wood or missing tile grout. If hard surface floors are intact, concentrate your treatment on the following areas:

- Baseboards
- Around and underneath the feet of furniture that are seldom moved
  - Beds, pianos, dining room tables, etc.
- Where hard surface floors transition to carpet
  - Tile strips, thresholds, etc.
- Sections of missing grout
- The base of cabinets





## 2 DRAPES AND WALL HANGINGS (TICKS)

- Inspect and treat curtains and valances
- Inspect and treat behind picture frames if needed

## 3 FURNITURE

- Inspect furniture and move and treat underneath. Remove cushions from chairs and couches and treat those areas

## 4 PETS AND BEDDING

- Establish areas where pets spend their time, making sure to thoroughly check all areas for fleas and ticks
- If the pet sleeps in the master bedroom or spends significant time there, the bed should be inspected and the area around and underneath the bed should be treated
- Launder all bed skirts and bed linens

flea eggs



flea larvae



flea pupae



fleas



ticks



# FLEA, TICK & MOSQUITO APPLICATION TIPS

Whether it's a residential area or a park, Precor® Outdoor F-T-M can effectively control pests as a spot or crack-and-crevice spray or perimeter treatment using appropriate spraying equipment.

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## FOR FLEA CONTROL

Apply diluted product to areas where pets frequent in and around dog houses, dog runs, around shrubs, outside decks and porches (spot or crack-and-crevice application only).



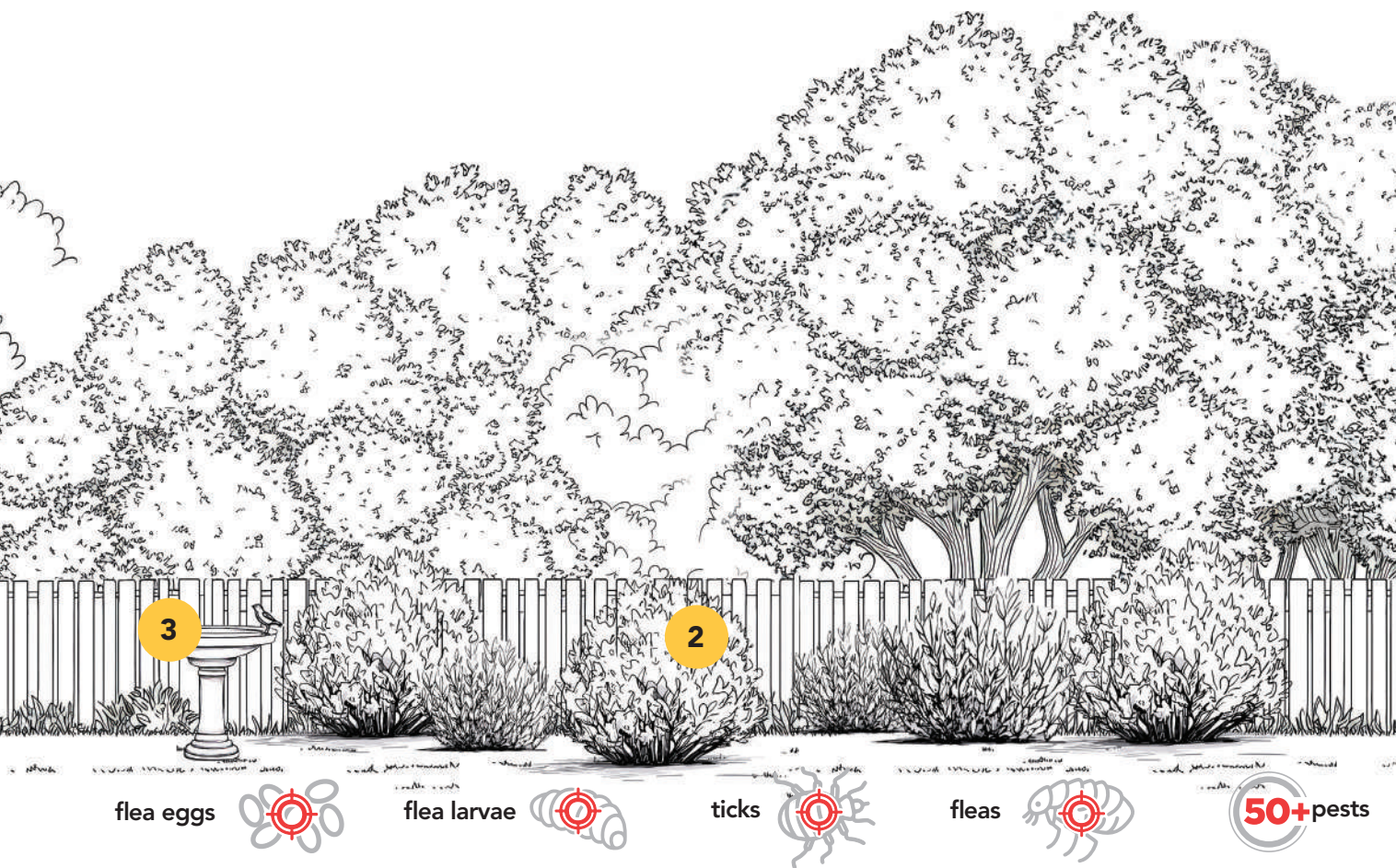


## 2 FOR TICK CONTROL

Apply diluted product to outdoor use sites to control ticks including: residential, multi-family, and commercial lawns, turf and athletic fields, ornamentals, recreational areas, trees, weeds, overgrown areas, non-crop areas, runways, airports, cemeteries, parks, schoolyards, playgrounds and recreational areas, tall grass, kennels, brush, rock walls, pathways and other outdoor green areas where ticks reside.

## 3 FOR MOSQUITO CONTROL

Apply perimeter treatments to include outside surfaces and vegetation for mosquito control; apply using a coarse, low pressure spray to infested areas or to adult mosquito harborage sites, overgrown areas, non-crop areas, runways, airports, cemeteries, parks, schoolyards, playgrounds and recreational areas, tall grass, kennels and brush.



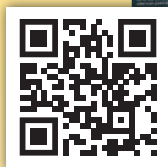
# A HISTORY OF PIONEERING FORMULATIONS



Zoëcon® Professional Products have been providing solutions for insect control for over fifty years. In that time, we've built a rich history and developed a complete product line to serve PMPs in a wide range of protocols, all from the creation of the original insect growth regulator. Below are some resources that further explain our legacy of innovation.

## FEND OFF FLEAS FOR GOOD

Combine the proven efficacy of Precor® Outdoor F-T-M with all the information you need to fight back against fleas. Scan the QR code to download our comprehensive flea poster.



## THE ORIGINATORS OF IGR TECHNOLOGY

You can't talk about the history of insect growth regulators without talking about Zoëcon, the pioneers of IGR technology. Scan the QR code to download our History of IGRs poster and learn more about the molecules that started it all.

## GIVE CUSTOMERS A FLEA-FREE, WORRY-FREE HOME

Providing long-lasting professional flea control begins and ends with Precor® products. The power of Precor® products means a better bottom line with fewer applications, lower labor costs, fewer return visits and more happy customers. The Precor® flea control family helps eliminate flea problems without disrupting households.



For more information, visit our website at [Zoecon.com](http://Zoecon.com) or call 1-800 248-7763.



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