

Need to Know

- Straight talk for professionals about pests and pest control products

Volume 4
No. 3
May 23, 2007

Cockroach Control with Maxforce® Bait Stations

Many PMP's may have forgotten that the original formulation that changed cockroach control was the Maxforce Cockroach Bait Station. Although gel baits are the most popular delivery system for roach control PMPs should remember the advantages of Maxforce bait stations and include them in their roach IPM programs.

Maxforce Bait Stations provide:

- Child resistant design to help prevent accidental exposure to non-target animals
- Two sizes, one for small roaches and a large size specifically designed to accommodate the feeding behavior of large species like American cockroaches.
- A 'roach friendly' design with angled ramps that help protect the bait and pinwheel architecture that provides ideal harborage for cockroaches.
- A square base plate that fits exactly into corners and along edges so that roaches are guided directly to the bait.
- Easy peel and stick label to affix bait stations on vertical surfaces and on the underside of shelves and table tops.
- A red-tinted, translucent lid because roaches prefer to feed in the dark and can not see light in the red spectrum. PMP's can also inspect the station for activity and bait consumption.
- A Simply Irresistible™ bait matrix that remains attractive and effective for up to one year or until the bait is completely consumed.

Maxforce Roach Bait Stations are labeled for use indoors; outdoors; anywhere roaches are a problem. During field investigations of German cockroach gel bait aversion, it was demonstrated that Maxforce Cockroach Bait Stations were attractive to, and provided control of affected populations.

Better long-term bait acceptance - Maxforce bait stations will outperform gel baits as gels age. After 2-3 weeks of exposure, Maxforce bait stations have better bait acceptance than aged gel deposit. Maxforce Cockroach Bait Stations provide a ready-made harborage that contains a bait matrix that is attractive and resistant to changes from exposure. The combination of Maxforce roach bait gels and Bait Stations is a more effective long-term strategy than gel alone.

Bait stations are the preferred formulation when harsh conditions exist in treatment sites that may compromise gel baits. Use stations where high moisture/humidity, temperature extremes or dust may reduce long term gel attractiveness. Examples of such sites include: dishwashing rooms; drop ceiling spaces; ovens and steam tables. Stations may also be a better long-term control choice in harborage sites that are difficult to service regularly, or may be sensitive to other formulations such as sprays and/or dusts. Examples of these sites include: inside appliances; vending machines, around electronics and in and around animal habitats.

Maxforce Bait Stations not only provide long term control of roaches: the inspectable small stations act as an activity monitor. After eliminating cockroach populations with the highly attractive, fast acting Maxforce FC Select Roach Killer Bait Gel consider installing Maxforce roach bait stations in areas prone to re-infestation or re-introduction to maintain roach-free conditions.

Maxforce Bait Station Application tips:

- Always place Maxforce Roach Bait Stations in corners or along edges to 'intercept' roaches as they travel from harborages to resource sites.
- Clean surfaces of grease and grime to allow adhesion when using the stick-on label.
- On porous surfaces consider using an adhesive like 'Hercules Putty®'. Use only small amounts and be sure the station base sits flat on the surface so roach nymphs cannot hide under the station.
- Use an adequate number of stations. For effective control use 2-3 stations per 100 square of horizontal surface area.

Utilize Maxforce Cockroach Bait Stations as 'monitors' of roach activity. On inspection note the presence of fecal deposits, cast skins and bait depletion just as you would use a rodent station to identify mouse or rat activity. Record the progression of bait consumption and use this information to address activity in more detail.



Cockroach fecal deposits and cast skins in and around bait station.

Contributed by Joe Barile

Hercules Putty is a registered trademark of the Atlantic Paste and Glue Company

