



Frequently Asked Questions About FastDraw, Revolver, & Cannon Soft Bait

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Usage

Are *FastDraw*, *Revolver*, & *Cannon* soft baits effective on both rats and mice?

Yes! Testing demonstrates *FastDraw*, *Revolver*, & *Cannon* each deliver control of Norway rats, roof rats, and house mice. You may see rodent death starting 4-5 days after the consumption of a lethal dose when using *FastDraw* or *Revolver*. *Cannon* controls rodents within 48 hours after consuming a lethal dose. Each rodenticide can deliver a lethal dose in a single night's feeding.

How much *FastDraw*, *Revolver*, or *Cannon* can I use?

Refer to label directions for proper use and product restrictions. When using *FastDraw* for mice, apply 1 - 4 pouches per placement (or bait station), and for rats apply 9 - 43 pouches per placement (or bait station). When using *Revolver* for mice, apply 1 - 4 pouches per placement (or bait station), and for rats apply 7 - 36 pouches per placement (or bait station). When using *Cannon Soft Bait* for mice, apply 1 to 4 pouches per placement (or bait station), and for rats, apply 4 to 24 pouches per placement (or bait station). These bait quantities cover everything from preventative, "maintenance baiting", to the reduction of the most severe infestations. Per label directions, for mice space bait placements or bait stations 8 to 12 feet apart, and for rats space bait placements for bait stations 15 to 30 feet apart.

When should I use *FastDraw*, *Revolver*, & *Cannon* soft bait?

When controlling rodent infestations, most anticoagulant rodenticides will have an impact on reducing the rodent populations starting in 4 to 5 days. Due to the palatability of *FastDraw* and *Revolver*, lab rodent and wild rodent test results demonstrate the "feeding preference" and "knockdown" results. So, while *FastDraw* and *Revolver* are ideal tools for all rodent infestations, their effectiveness will be most immediately noted in heavy infested situations or with lingering, tough-to-manage rodents. *Cannon* soft bait is an acute rodenticide that kills rodents in as little as 48 hours after a lethal dose is consumed. Use *Cannon* during clean-out or de-population periods between flocks or herds. *Cannon* is also an excellent fit when used in a bait rotation program.

Are *FastDraw*, *Revolver*, & *Cannon* affected by extreme weather conditions?

FastDraw, *Revolver*, and *Cannon* demonstrate resistance to extreme heat and cold. Hot dry use sites also benefit from these soft bait products. Because of their acceptance, *FastDraw*, *Revolver*, and *Cannon* are great everyday baits, and should be the standard in your rodenticide rotation. We recommend you always monitor bait locations on regular intervals, and rotate baits at a minimum of every 4 - 6 months, or more frequently if desired.

What Personal Protective Equipment (PPE) is required for application?

As mandated by the EPA, the product label specifies wearing long pants, shoes, socks, and waterproof gloves when handling rodenticides and dead animals (rodents).

What differences should I expect in my rodent control program when using *FastDraw*, *Revolver*, & *Cannon* Soft Baits?

You should expect bait acceptance and knockdown of mouse and rat populations. This may require more frequent monitoring of bait placements – every one to three days initially, then every two weeks or once a month. This monitoring interval can be lengthened as rodent populations decrease, and bait stations are no longer empty. If infestation levels are high, you may need to refill / replace bait pouches more often in order to get a rodent population under control.

Why do I need to inspect more frequently with *FastDraw*, *Revolver*, or *Cannon Soft Bait*?

FastDraw, *Revolver*, and *Cannon* soft bait pouches can disappear rapidly from placements. All three are formulated with grains and oils molded into a dough matrix. The texture of *FastDraw*, *Revolver*, and *Cannon* presents a new food choice when offered to rodents.

What if I can't inspect bait placements at least weekly after I first use soft bait? Is there anything I can do to ensure bait availability?

Follow label directions and place the maximum number of pouches allowed in areas of extreme rat infestation. Bait Stations can be loaded with up to 43 *FastDraw* bait pouches per station, or up to 36 *Revolver* bait pouches per station. Bait stations containing *Cannon* may be loaded with up to 24 bait pouches per station.

Product Packaging

How many pouches are in a pail?

Pails are filled and sold by weight and not by the number of pouches. *FastDraw* contains approximately 727 pouches in a 16 lb. pail, and approximately 364 pouches in an 8 lb. pail. *Revolver* has approximately 604 pouches in a 16 lb. pail, and approximately 302 in an 8 lb. pail. *Cannon* has approximately 227 pouches in a 4 lb. bag.

Is Soft Bait available everywhere?

FastDraw, *Revolver*, and *Cannon* are registered and available in the United States. They are available in the animal health market through Liphatech Distributors: Animal Health International, Best Veterinary Solutions, Hog Slat / Georgia Poultry, MWI Animal Health, NIPCAM, and QC Supply.

Does it work for burrow baiting?

FastDraw, *Revolver*, and *Cannon* soft baits are not labeled for burrow baiting. If burrow baiting is needed, *BootHill Paraffinized Bulk Pellets* or *Renegade Meal Bait* offer a palatable and weather-resistant option for controlling rodent populations beneath the ground.

Does it attract slugs, snails, or insects?

The soft bait pouch's protective, "cloth-like material" does offer some shielding against attacks by insects and slugs/snails. Some insects may be able to chew through the outer material.

Is this a place pack?

No, we recommend using soft bait like a mini block. It is easy to secure on nails, on wire between floor slats or placed in a void and recovered later. It also works well on horizontal or vertical rods in a bait station.

If it is so palatable, will rodents eat more than a lethal dose?

Rodents may continue feeding on any anticoagulant rodenticide after consuming a minimum lethal dose. A palatable bait like *FastDraw* or *Revolver* may lead to some overconsumption. But they won't survive to do it more than once. *Cannon* delivers a stop feed action, where rodents typically feed less or cease feeding altogether after consuming a toxic dose. If you really want to solve rodent problems, then *FastDraw*, *Revolver*, and *Cannon* are excellent products for you to use.

Can I remove soft bait from the pouch?

Labeling of the product does allow you to remove the bait from the pouch, and place in a feeding device that secures the unwrapped bait in a bait station.

Soft Bait Differences

How are *FastDraw*, *Revolver*, & *Cannon* different?

FastDraw, Revolver, and Cannon contain active ingredients Difethialone, Bromadiolone, and Bromethalin respectively. Difethialone and Bromadiolone were both invented by Liphatech. FastDraw, Revolver, & Cannon are specifically formulated to control both rats and mice. FastDraw, Revolver, & Cannon can be used under extreme environmental conditions. Each FastDraw soft bait pouch is 10 grams (0.35 oz.), every Revolver pouch is 12 grams (0.42 oz.), and every Cannon pouch is 8 grams (0.28 oz.). Mini blocks or place-packs contain 2-3 times the amount of bait (20 g to 28 g, or 0.7 to 1 oz.), requiring you to use more bait per placement. In this regard, FastDraw, Revolver, and Cannon are perfect when maintenance baiting is required.

Why do soft bait pouches sometimes feel slightly moist to the touch?

We investigated many different types of packaging for FastDraw, Revolver, & Cannon. FastDraw, Revolver, and Cannon pouches feel moist due to the oil permeating through the pouch material.

Does the oil on the outside of the pouch contain active ingredient?

You should assume the oil does contain a small amount of active ingredient. The product label states to use waterproof gloves when handling the product (as you should with ALL rodenticides). FastDraw contains the active ingredient Difethialone, at .0025%. Revolver contains Bromadiolone, the most commonly used rodenticide active ingredient, and is formulated at .005%. Cannon contains the active ingredient Bromethalin, which is formulated at 0.01%.

What mode of action are these active ingredients? How soon after feeding is observed should I expect rodents to die?

FastDraw and Revolver both use anticoagulant active ingredients which start to provide control in 4-5 days after the consumption of a lethal dose. Cannon soft bait uses an acute active ingredient, so users see first dead rodents in 48 hours after consuming a lethal dose.

Does soft bait have an odor?

It has a delicate aroma most people find pleasant. The breathable, easy-gnaw, bait pouch material releases the aroma, allowing rodents to smell and locate the bait.

What happens to the packaging material?

In field studies, rodents feed on FastDraw, Revolver, & Cannon as they do with pellet place packs. Mice tend to chew a hole in the pouch and feed while rats prefer to shred the paper. We have occasionally observed rodents using the soft bait pouch for nesting material, after the bait is consumed.

Temperatures, Conditions, and Translocation

Does *FastDraw*, *Revolver*, or *Cannon* work in freezing temperatures?

They can get noticeably firmer, but it can still be applied to bait station rods in below 0° temperatures. Most importantly, the product shape doesn't change, ingredients inside the pouch do not become separated, and the palatability levels remain stable.

What happens when *FastDraw*, *Revolver*, or *Cannon* are exposed to moisture or rain?

FastDraw, Revolver, & Cannon pouches keep the product intact so it does not separate. While the pouch is intact, it can withstand prolonged exposure to wet conditions and the active ingredient will remain effective.

Will it mold?

Soft bait can mold over time, similar to most block rodenticides - this typically occurs in higher humidity environments. However, you should find rodents eat FastDraw, Revolver, or Cannon soft bait long before such molding can occur. Bait inspection visits should vary based on infestation level, but do check bait regularly. If bait is not being eaten regularly, this is often a sign that rodent pressure is low.

Will *FastDraw*, *Revolver*, or *Cannon* stain, or leave an oily residue?

We recommend using FastDraw, Revolver, or Cannon like a mini block. We have not observed our soft baits staining bait stations. If you do put them directly on permeable surfaces, it may leave an oily residue or stain slightly.

Will *FastDraw*, *Revolver*, and *Cannon* hold up outdoors for 30 days?

As with block rodenticides, FastDraw, Revolver, and Cannon depend on factors such as the weather and rodent feeding. In field tests, intact pouches have held up outdoors in bait stations for over 6 months.

Bait Station Security

Will soft bait stay attached to a bait station rod?

Yes. It will stay securely attached when skewered to either horizontal or vertical rods.

What about rats transferring the bait away from the station?

We have not seen evidence of translocation by rodents, including rats. This assumes that the soft bait pouch is securely affixed to a rod in the bait station. Some shreds of the packaging material may be taken by rats for nesting purposes, but translocation of FastDraw, Revolver, or Cannon is not any more likely than chunks of a wax block being pulled out from a bait station.

Miscellaneous

Why should soft bait be used in a rotation program?

FastDraw, Revolver, and Cannon combine the benefits of both mini blocks and place-packs. They are effective and palatable rodenticides. However, they are no substitute for effective and proper rodent control practices. If you don't use good rodent control practices, your results will be stunted, regardless of the form of rodenticide you use.

What is the active ingredient?

FastDraw uses the latest active ingredient available in second generation anticoagulant rodenticides: Difethialone, while Revolver utilizes Bromadiolone. Both were invented and perfected by Liphatech. Cannon is the world's first acute soft bait rodenticide, formulated with the active ingredient Bromethalin.

Does it contain peanut oil?

FastDraw, Revolver, and Cannon use vegetable oil and do not contain any type of peanut products. These products are manufactured in machinery that does not process peanut-related products.

How often should I clean a bait station?

Regardless of the rodenticide used, you should monitor, and as necessary, clean bait stations weekly or bi-weekly. Take measures to remove small pieces of product, if needed. The very slight oily residue that may be on the bottom of the stations, may actually entice rodents to enter the bait station to feed on FastDraw, Revolver, or Cannon.

Will soft bait pouches get stuck together?

Even after exposure to heat near 100° F for a month, pouches in a bucket did not stick together. When subjected to sub-zero temperatures we have noticed a slight tendency for the pouches to stick lightly to one another.

Do rats and mice need gnawing surfaces?

Rats and mice seem to prefer food sources on which they can get a tooth hold. They have no trouble getting started on FastDraw, Revolver, or Cannon Soft Bait!

Where can I get more information on *FastDraw*, *Revolver*, or *Cannon Soft Bait*?

www.liphatech.com has more information on FastDraw, Revolver, and Cannon Soft Bait Rodenticides, as well as BootHill, Hombre, Gunslinger, and Renegade Rodenticides, and AEGIS Bait Stations. You can also find information sheets, SDS and specimen labels, and a Veterinarian's Guide to Treating Accidental Rodenticide Ingestion by Dogs & Cats.

3037-2 (06/18)