



**SOFT BAIT**



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## **Usage**

### **Are *Liphatech* soft baits effective on both rats and mice?**

Yes! Testing demonstrates FastDraw, Revolver, Cannon, and DoubleTap each control Norway rats, roof rats, *Peromyscus* (deer) mice and house mice. You may see dead rodents starting 4-5 days after the consumption of a lethal dose when using FastDraw or Revolver. For Cannon, it may take 2 or more days for the first dead rodents to appear after consuming a lethal dose. Each rodenticide can deliver a lethal dose in a single night's feeding. DoubleTap is a multiple feed rodenticide that may take multiple days of feeding for a lethal dose.

### **How much Soft Bait can I use?**

Refer to the label for application directions and use 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). When using DoubleTap Soft Bait use 1 - 2 pouches for mice, and 3 - 16 pouches for rats. 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 or bait stations 15 to 30 feet apart.

### **When should I use *FastDraw, Revolver, Cannon, and DoubleTap* soft bait?**

When controlling rodent infestations, most anticoagulant rodenticides will have an impact on reducing the rodent populations starting in 4 to 5 days. While FastDraw and Revolver are ideal tools for all rodent infestations, their effectiveness will be most immediately noted in heavily infested situations or with lingering, tough-to-manage rodents. Cannon soft bait is an acute rodenticide that can kill rodents after one night's feeding. According to the product label, it may take two or more days for them to die after a lethal dose is consumed. Use Cannon during clean-out or de-population periods between flocks or herds. DoubleTap was introduced as a product for integrators to use in their rotation, for those looking for a different molecule to incorporate in place of overused actives or brands. Use DoubleTap Soft Bait for 3 months in your rotation.

### **How are *FastDraw, Revolver, Cannon & DoubleTap* affected by weather conditions?**

FastDraw, Revolver, Cannon and DoubleTap maintain their integrity in hot environments. Since soft bait becomes harder in cold weather, store the product containers in a location above freezing when not in use. FastDraw, Revolver, Cannon, and DoubleTap are great everyday baits, and should be standard in your rodenticide rotation. We recommend you always monitor bait placements at regular intervals, and regularly replace old baits with fresh bait.

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

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

### **What should I expect in my rodent control program when using *FastDraw, Revolver, Cannon, and DoubleTap* Soft Baits?**

When applied as required by the product label, soft bait controls mouse and rat populations. You should maintain a constant supply of soft bait. 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*, *Cannon*, or *DoubleTap* Soft Bait?**

FastDraw, Revolver, Cannon, and DoubleTap soft bait pouches can disappear rapidly from placements. All four are formulated with grains and oils molded into a dough matrix. The texture of FastDraw, Revolver, Cannon and DoubleTap presents a different 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 and mouse infestations. 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. When using DoubleTap, up to 16 bait pouches per station is allowed. You may also space bait stations closer together, to the minimum allowed by the label (8 feet apart for mice and 15 feet apart for rats).

## **Product Packaging**

### **How many pouches are in a pail or bag?**

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, and DoubleTap contains 64 pouches in a 4 lb. bag.

### **Is Soft Bait available everywhere?**

FastDraw, Revolver, Cannon, and DoubleTap 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, Cannon and DoubleTap soft baits are not labeled for burrow baiting. If burrow baiting is needed, BootHill Paraffinized Bulk Pellets or Renegade Meal Bait are labelled for Norway and roof rats, and offer a palatable and weather-resistant option for controlling their populations by burrow baiting.

### **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.

### **Will rodents eat more than a lethal dose?**

Rodents may continue feeding on any rodenticide after consuming the lethal dose published for their species. A palatable bait like FastDraw, Revolver, or DoubleTap may lead to some individuals consuming more than this lethal amount, but it is not possible to predict how much is needed to kill a particular individual because of the variation in individual susceptibility to the rodenticide. Cannon delivers a stop feed action, where rodents typically feed less or cease feeding altogether after consuming a toxic dose.

### **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* & *DoubleTap* different?**

FastDraw, Revolver, Cannon and DoubleTap contain the active ingredients Difethialone, Bromadiolone, Bromethalin and Chlorophacinone, respectively. Difethialone, Bromadiolone and Chlorophacinone were invented by Liphatech. FastDraw, Revolver, Cannon, & DoubleTap are specifically formulated to control both rats and mice. All Liphatech soft baits maintain bait integrity in hot environments. Each FastDraw soft bait pouch is 10 grams (0.35 oz.), every Revolver pouch is 12 grams (0.42 oz.), each Cannon pouch is 8 grams (0.28 oz.), and every DoubleTap pouch is 28 grams (1 oz.). In this regard, FastDraw, Revolver, Cannon, and DoubleTap are perfect when maintenance baiting is required.

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

These soft bait 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).

### **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 second generation anticoagulant active ingredients, with the first dead rodents appearing 4 - 5 days after feeding begins. Cannon soft bait uses an acute active ingredient, although it may take 2 or more days for the first dead rodents to appear after consuming a lethal dose. DoubleTap uses a first generation anticoagulant which usually takes multiple days of feeding before a lethal dose is consumed.

### **Does soft bait have an odor?**

It has a delicate aroma most people find pleasant.

### **What happens to the packaging material?**

In field studies, rodents feed on FastDraw, Revolver, Cannon and DoubleTap 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**

### **Do *FastDraw*, *Revolver*, *Cannon* or *DoubleTap* work in freezing temperatures?**

They can get noticeably firmer, but can still be applied to bait station rods in below 0° temperatures. When applying in cold weather, we recommend cupping the pouch in one hand and using your other hand to gently pierce the soft bait with the rod, or support the center of the pouch with your thumb while pressing it down onto a vertical rod. Or simply place the soft bait in a SoftSecure Technology (SST) or other feeding device and rodents will feed on it from between the bars.

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

Rodenticides should never be placed where they are likely to be immersed in water, and placements should be checked and replaced frequently if they are subject to moist conditions.

### **Will it mold?**

Soft bait can mold over time, similar to most block and pellet rodenticides - this typically occurs in higher humidity environments. However, rodents may eat *FastDraw*, *Revolver*, *Cannon* and *DoubleTap* 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, it could either be a sign that rodent pressure is low in that area, or that the bait is no longer attractive and needs to be replaced with fresh bait.

### **Will soft bait stain, or leave an oily residue?**

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.

## **Bait Station Security**

### **Will soft bait stay attached to a bait station rod?**

It will stay securely attached when skewered to either horizontal or vertical rods unless rodents chew it into pieces or pull it off the rod.

## **What about rodents transferring the bait away from the station?**

Rodents can and do remove the soft bait pouches from the bait station. Shreds of the packaging material may also be taken by rats and mice for nesting purposes. Applicators should return to the site at regular intervals to check the area for soft bait and/or paper shreds that have been pulled out from bait stations.

## **Miscellaneous**

### **Why should soft bait be used in a rotation program?**

FastDraw, Revolver, Cannon and DoubleTap 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 limited, regardless of the form of rodenticide you use.

### **What is the active ingredient?**

FastDraw contains Difethialone, while Revolver contains Bromadiolone, and DoubleTap contains Chlorophacinone. All three were invented 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, Cannon and DoubleTap do not contain peanut oil and do not contain any type of peanut 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 to remove debris, snails and insects, and small pieces of product.

### **Do rats and mice need gnawing surfaces?**

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

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

[www.liphatech.com](http://www.liphatech.com) has more information on FastDraw, Revolver, Cannon and DoubleTap 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.

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