

EVOLVE™

MOUSE

BY SENESTECH, THE LEADER IN FERTILITY CONTROL
TO MANAGE ANIMAL PEST POPULATIONS

Frequently Asked Questions

Q. What is Evolve Mouse?

- A. Evolve Mouse is a soft bait contraceptive for mice developed by SenesTech. Its active ingredient, cottonseed oil, inhibits fertility to reduce their population.

Q. How does Evolve Mouse work?

- A. Cottonseed Oil, the active ingredient extracted from cotton plants (genus *Gossypium*), affects fertility in mice. This compound interferes with the reproductive mechanisms in both male and female mice thereby controlling their population.

Q. Can Evolve Mouse be used on all Mouse species?

- A. Evolve Mouse is for use on wild, invasive mice and excludes species protected under federal or state laws.

Q. How does Evolve Mouse affect male and female mice?

- A. In male mice, Evolve decreases sperm count, motility, and viability. In females, it affects follicles, disrupts estrous cycles, and reduces pregnancy rates. The effects are both dose and time-dependent.

Q. How much Evolve Mouse does a mouse need to eat to take effect?

- A. The target is for mice to eat as much as possible repeatedly for the quickest results. Evolve Mouse has a cumulative effect, so the more a mouse consumes and the longer they consume, the greater the results on their fertility. Lower amounts of Evolve Mouse for shorter periods of time will still have effects on individual mice but may produce a slower population reduction.

Q. After consumed by mice, how long does Evolve Mouse stay in their system?

- A. Evolve Mouse has a corresponding half-life of approximately 1-2 days after consumption and is mostly excreted via feces with a small amount through urine.

Q. How does the efficacy of Evolve Mouse compare to other mouse control measures?

- A. Evolve Mouse offers a humane alternative to lethal methods, focusing on long-term population control rather than immediate extermination.

Q. When can I expect results with Evolve Mouse?

- A. Evolve Mouse's effects on the population begin after 1-2 breeding cycles (4-6 weeks), resulting in reduced pregnancies and less pups born.
B. Upon cessation of treatment, mice will regain their fertility within approximately 6 weeks.

Q. Does Evolve Mouse work on other animals?

- A. Evolve Mouse is formulated specifically for mice. SenesTech has Evolve™ for rats and are expanding to other species soon, so be on the lookout for new products!

Q. Will there be future iterations of Evolve Mouse with different active ingredients or formulations?

- A. Our R&D team is continuously working on improving our products. Future iterations may incorporate different active ingredients or enhanced formulations based on ongoing research and feedback.

Q. Does Evolve Mouse pose an exposure risk to non-target animals?

- A. The low active levels in Evolve Mouse are designed for the body mass of mice so larger mammals would need to repeatedly ingest a substantial amount over several weeks to see any effects.
B. Birds appear to be more tolerant as they have different intestinal tracks and modes of digestion.

Q. Is Evolve Mouse's active ingredient carcinogenic?

- A. No, cottonseed oil is not reported to be carcinogenic based on ACGIH, IARC, NTP, or CA Prop 65 classification.
B. Additionally, studies in mice did not show any carcinogenic effects or tumor formation.

Q. Where can Evolve Mouse be deployed?

- A. Evolve Mouse can be used anywhere mice are found! Simply place 2 to 12 pieces per location and update based upon rat activity levels.
B. We recommend that Evolve Mouse be secured in tamper-resistant bait stations in areas where there's potential exposure to children, pets, wildlife, or other non-target species.
C. Refer to label and SDS for further information.

Frequently Asked Questions (cont'd)

Q. What precautions should be taken when handling Evolve Mouse?

A. Wear protective gloves and clothes. Wash hands thoroughly after handling. Contact with eyes may cause irritation. Safety glasses are recommended. See the product label and SDS for further instructions.

Q. What are the recommended bait stations for Evolve Mouse?

A. Evolve Mouse is compatible with most standard bait stations available in the market. Tamper-resistant bait stations are recommended when deployed within reach of children, pets, domestic animals, and non-target wildlife.

Q. What is the shelf life of Evolve Mouse?

A. Shelf life is 12 months from date of manufacture under label storage conditions.

Q. How should Evolve Mouse be stored?

A. Evolve Mouse should be stored away from water. Store only in original, tightly secured containers in a room temperature environment, inaccessible to unauthorized users, children, pets, livestock, and other non-target animals.

Q. How will extreme temperatures affect Evolve Mouse?

A. The product may become firmer at lower temperatures or softer at higher temperatures but is still highly palatable, edible, and can be deployed as normal.

Q. How should Evolve Mouse be disposed of?

A. Place product packaging, unused bait, or unconsumed bait in trash.

Q. How does Evolve Mouse affect pets if they consume a mouse that has ingested the bait?

A. Evolve Mouse may affect pets if ingested repeatedly or at large quantities. However, Evolve Mouse has low active levels as it is designed to reduce fertility in mice and is reversible upon cessation of treatment. As a precaution, always secure bait in tamper proof stations when deploying near non-targets to prevent access. See label for details.

Q. Are there any regulations or restrictions on the sale of Evolve Mouse?

A. Evolve Mouse is exempt from U.S. EPA federal registration under FIFRA 25(b) and is in-process of being registered in all 50 states, DC, and major territories. Always check local regulations regarding the sale and usage of pest control products. Some regions may have specific guidelines or restrictions.

Q. How does the use of Evolve Mouse impact the environment?

A. Evolve Mouse is designed under the minimum risk pesticide guidelines of U.S. EPA which poses little to no risk to human health or the environment.

Q. Where can Evolve Mouse be purchased?

A. Evolve Mouse is available at major retailers, specialized pest control stores, and through online platforms including [senestech.com](https://www.senestech.com).

Q. Can I purchase or ship Evolve Mouse outside of the United States?

A. Evolve Mouse is available for purchase in the United States and may be available in select international markets through approved distributors.

Q. Who is the primary audience for Evolve Mouse?

A. Everyone! Evolve Mouse is designed for a wide range of users, including farmers, homeowners, and professional pest control companies.

Q. Why use Evolve Mouse?

A. Evolve Mouse is a non-lethal way to control mouse population levels. It is highly palatable to mice, easy to deploy, and offers diverse placement in many different environments.

Q. Can the use of Evolve Mouse lead to cost savings for users in the long run?

A. Yes, by reducing mouse populations humanely and sustainably, users can experience reduced damages and losses leading to long-term cost savings.