

Appendix D Difenacoum Labels

Three end-use product labels are available for difenacoum use on Norway rats, roof rats and house mice. These labels can be found under EPA Reg. Nos. 47629-14, 47629-16, and 47629-17. These registrations are for a bait tray formulation, a bait block formulation, and place pack formulation, respectively. Each label consists of three sublabels for different user groups. The sublabels from each label are consistently labeled for consumer use (Sublabel A), agricultural use (Sublabel B), and professional use (Sublabel C). These sublabels are consistent across all three registrations and only differ with regard to instructions specific to the formulation. The following is a label summary from EPA Reg. No. 47629-16. Elements that differ from label to label are bolded and clarified in a table below the label summary.

Reg. No. 47629-16

SUBLABEL A – CONSUMER

FORMULATION: BLOCKS

USE RESTRICTION: This product may be used to control Norway rats, roof rats, and house mice only at the urban and non-urban sites identified below. Do not place bait near to or inside of ventilation duct openings. Do not contaminate water, food feed, food or feed handling equipment, milk or meat handling equipment, or any area where there is a possibility of contaminating food, feed, milk, or meat or surfaces that come in contact with food, feed, milk, or meat. All outdoor placements of this product must be in bait stations. Tamper resistant bait stations must be used for outdoor and indoor placements of this product if children, pets, non-target mammals, or birds may access bait. All placements of this product in USDA-inspected facilities must be in tamper-resistant bait stations. Do not broadcast. Wear water-resistant gloves when handling bait.

URBAN: This product may only be used in and around homes, industrial, commercial, and public buildings, and similar man-made structures; in transport vehicles (ships, trains, and aircraft) and in and around related port or terminal buildings; and in alleys. All outdoor bait placements must be made in tamper-resistant bait stations, locked and secured if necessary, unless children, pets, domestic animals, and nontarget wildlife are reliably denied access to the bait placement locations.

NON-URBAN: This product may only be used inside of homes, and agricultural buildings

SELECTION OF TREATMENT AREAS: Determine areas where rats will most likely find and consume the bait. Generally, these areas are along walls, by gnawed openings, beside burrows, in corners and concealed places, between floors and walls, or in locations where rats or the signs have been seen. Protect the bait from rain and snow. Remove as much alternative food as possible

APPLICATION DIRECTIONS:

NORWAY AND ROOF RATS: Apply **3 to 10 blocks** per placement, using tamper-resistant bait stations. Space placements at intervals of 15 to 30 feet in infested areas pertaining to structures. **For treating burrows, place 1 to 4 blocks deep into each active burrow. Check burrows each morning and evening to make sure that baits have not been pushed out of burrows.** Maintain an uninterrupted supply of fresh bait for at least 10 days or until fresh signs of feeding by rats cease to appear.

HOUSE MICE: **Apply 1 block** per placement using tamper-resistant bait stations. Space placements at intervals of 8 to 12 feet in infested areas pertaining to structures. Larger quantities (up to **2 blocks**) may be made in areas of extremely high mouse activity. Maintain an uninterrupted supply of fresh bait for at least 15 days or until fresh signs of feeding by rats cease to appear.

FOLLOW UP: Replace contaminated or spoiled bait immediately. Using water-resistant gloves, collect and properly dispose of dead animals and leftover bait, as well as any bait that has become accessible to non-target animals. To discourage re-infestation, limit sources of rodent food, water, and harborage as much as possible. If re-infestation does occur, repeat treatment. For continuous sources of infestation, set up permanent bait stations and replenish them as needed.

SUBLABEL B – AG USE

USE RESTRICTON: This product may be used to control target pests in and around ag buildings only. Do not use in homes or other human residences. Do not apply further than 50 feet from agricultural buildings. Do not use this product in sewers. Do not place bait near to or inside of ventilation duct openings. Do not contaminate water, food feed, food or feed handling equipment, milk or meat handling equipment, or any area where there is a possibility of contaminating food, feed, milk, or meat or surfaces that come in contact with food, feed, milk, or meat. All outdoor placements of this product must be in bait stations. Tamper resistant bait stations must be used for outdoor and indoor placements of this product if children, pets, non-target mammals, or birds may access bait. All placements of this product in USDA-inspected facilities must be in tamper-resistant bait stations. Do not broadcast. Wear water-resistant gloves when handling bait.

SELECTION OF TREATMENT AREAS: Determine areas where rats will most likely find and consume the bait. Gnereally, these areas are along walls, by gnawed openings, beside burrows, in corners and concealed places, between floors and walls, or in locations where rats or the signs have been seen. Protect the bait from rain and snow. Remove as much alternative food as possible.

APPLICATION DIRECTIONS:

NORWAY AND ROOF RATS: Apply **3 to 10 blocks** per placement, using tamper-resistant bait stations. Space placements at intervals of 15 to 30 feet in infested areas pertaining to structures. **For treating burrows, place 1 to 4 blocks deep into each active burrow. Check burrows each morning and evening to make sure that baits have not been pushed out of burrows.** Maintain an uninterrupted supply of fresh bait for at least **10 days** or until fresh signs of feeding by rats cease to appear.

HOUSE MICE: **Apply 1 block** per placement using tamper-resistant bait stations. Space placements at intervals of 8 to 12 feet in infested areas pertaining to structures. Larger quantities (up to **2 blocks**) may be made in areas of extremely high mouse activity. Maintain an uninterrupted supply of fresh bait for at least 15 days or until fresh signs of feeding by rats cease to appear.

FOLLOW UP: Replace contaminated or spoiled bait immediately. Using water-resistant gloves, collect and properly dispose of dead animals and leftover bait, as well as any bait that has become accessible to non-target animals. To discourage re-infestation, limit sources of rodent food, water, and harborage as much as possible. If re-infestation does occur, repeat treatment. For continuous sources of infestation, set up permanent bait stations and replenish them as needed.

SUBLABEL C – PRO USE

USE RESTRICTION: This product may be used to control Norway rats, roof rats, and house mice only at the urban and non-urban sites identified below. Do not apply further than 50 feet from buildings. Do not use this product in sewers. Do not place bait near to or inside of ventilation duct openings. Do not contaminate water, food feed, food or feed handling equipment, milk or meat handling equipment, or any area where there is a possibility of contaminating food, feed, milk, or meat or surfaces that come in contact with food, feed, milk, or meat. All outdoor placements of this product must be in bait stations. Tamper resistant bait stations must be used for outdoor and indoor placements of this product if children, pets, non-target mammals, or birds may access bait. All placements of this product in USDA-inspected facilities must be in tamper-resistant bait stations. Do not broadcast. Wear water-resistant gloves when handling bait.

URBAN: This product may only be used in and around homes, industrial, commercial, and public buildings, and similar man-made structures; in transport vehicles (ships, trains, and aircraft) and in and around related port or terminal buildings; and in alleys. All outdoor bait placements must be made in tamper-resistant bait stations, locked and secured if necessary, unless children, pets, domestic animals, and nontarget wildlife are reliably denied access to the bait placement locations.

NON-URBAN: This product may only be used inside of homes, and agricultural buildings

SELECTION OF TREATMENT AREAS: Determine areas where rats will most likely find and consume the bait. Generally, these areas are along walls, by gnawed openings, beside burrows, in corners and concealed places, between floors and walls, or in locations where rats or the signs have been seen. Protect the bait from rain and snow. Remove as much alternative food as possible.

APPLICATION DIRECTIONS:

NORWAY AND ROOF RATS: Apply **3 to 10 blocks** per placement, using tamper-resistant bait stations. Space placements at intervals of 15 to 30 feet in infested areas pertaining to structures. **For treating burrows, place 1 to 4 blocks deep into each active burrow. Check burrows each morning and**

evening to make sure that baits have not been pushed out of burrows. Maintain an uninterrupted supply of fresh bait for at least 10 days or until fresh signs of feeding by rats cease to appear.

HOUSE MICE: **Apply 1 block** per placement using tamper-resistant bait stations. Space placements at intervals of 8 to 12 feet in infested areas pertaining to structures. Larger quantities (up to **2 blocks**) may be made in areas of extremely high mouse activity. Maintain an uninterrupted supply of fresh bait for at least 15 days or until fresh signs of feeding by rats cease to appear.

FOLLOW UP: Replace contaminated or spoiled bait immediately. Using water-resistant gloves, collect and properly dispose of dead animals and leftover bait, as well as any bait that has become accessible to non-target animals. To discourage re-infestation, limit sources of rodent food, water, and harborage as much as possible. If re-infestation does occur, repeat treatment. For continuous sources of infestation, set up permanent bait stations and replenish them as needed.

Table: Differences between difenacoum bait formulations.

Label	47629-14	47629-16	47629-17
Formulation	Bait tray	Bait block	Place pack
Formulation size	1.5 oz tray	1 oz block	1.5 oz place pack
Percent active ingredient	0.005%	0.005%	0.005%
Placement for Rats	4-16 oz of bait	3-10 blocks	3-10 place packs
Placement for Mice	¼ - ½ oz of bait	1 block	¼- ½ oz of bait
High Activity Placement for Mice	Up to 2 ounces	2 blocks	Up to 1.5 ounces
Placement for Rat Burrows	*	1- 4 blocks	*

*EPA Reg. Nos. 47629-14 and 47629-17 do not include placement instructions for rat burrows