

# PRODUCT INFORMATION BULLETIN

## FIFRA Section 2(ee) Recommendation

|            |       |           |             |
|------------|-------|-----------|-------------|
| PERMETHRIN | GROUP | <b>3A</b> | INSECTICIDE |
|------------|-------|-----------|-------------|

FOR DISTRIBUTION AND USE ONLY IN THE STATE OF FLORIDA



EPA Reg. No. 47000-103

This FIFRA Section 2(ee) recommendation expires December 31, 2030

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by the EPA. This 2(ee) recommendation contains directions for use which do not appear on the package label and must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions and precautions on the EPA registered label when using Prozap Insectrin X Concentrate.

This product has not been tested specifically for efficacy against New World screwworm (NWS, adults or larvae); however, applied as part of an integrated pest management plan, it may have preventative action against adult NWS (flies).

No single therapy should be assumed to be 100% effective. Implementation of a multi-faceted program is considered critical.

This product bulletin contains new or additional directions for use are recommended by Neogen Corporation under FIFRA Section 2(ee).

| Pest                                                                   | Dilutions (Mix Well)                                                                   | How to Apply                                                                                             |
|------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| PESTS ON LARGE ANIMALS (Dairy or Beef Cattle, Horses, Sheep and Goats) |                                                                                        |                                                                                                          |
| New World Screw Worm<br>( <i>Cochliomyia hominivorax</i> )             | Dilute 0.64 fl. oz per gallon of water (1 part concentrate to 199 parts water) (0.05%) | Spray thoroughly to cover the entire animal. Spray lactating dairy cows only after milking is completed. |

### SHAKE WELL BEFORE USE

### USE RESTRICTIONS

- Do not apply as a broadcast treatment to indoor surfaces at residential sites, including nurseries, day care centers, schools, hospitals, and nursing homes.
- Do not allow people or pets in treated areas until sprays have dried. Remove pets, birds and cover fish aquariums before spraying.
- Do not allow spray treatment to drift onto pastureland, cropland, poultry ranges or into water supplies.

- Do not use on crops for food, forage or pasture.
- Do not apply by air.
- Do not use in food areas of food-handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or while the facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms, but excluding areas where food may be prepared or held. In the home, remove or cover all food processing surfaces and utensils during treatment or thoroughly wash before reuse. Remove or cover exposed food prior to treatment.
- Do not apply when food is present.
- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
- Except when applying to pets or livestock, do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Except when applying to pets or livestock, only protected handlers may be in the area during application.
- Application of product on pets must only be done indoors.
- Spot treatments must not exceed two square feet in size (for example, 2ft by 1 ft or 4 ft by 0.5ft.).
- Do not water the treated area to the point of run-off.
- Do not apply to or allow product to come into contact with cats or kittens.
- Do not allow to enter indoor or outdoor drains. No permita la entrada a desagües internos o externos.



***For Outdoor Applications:***

- Do not apply or irrigate to the point of run-off.
- Do not allow the product to enter any drain during or after application.
- Do not apply the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drain, water bodies, or aquatic habitat can occur.
- Do not apply directly to impervious horizontal surface such as sidewalks, driveways, and patios except as spot or crack-and-crevice treatment.
- Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours).
- Rainfall within 24 hours after application may cause unintended runoff of pesticide application.
- For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, river, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.
- Do not apply when the wind speed is greater than 15 mph.
- All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
  1. Application to pervious surfaces such as soil, lawn, turf, and other vegetation.
  2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
  3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
  4. Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch.
  5. Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level;

6. Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn, turf, mulch or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.
- Treat surfaces to ensure thorough coverage but avoid runoff.
- To treat insects harbored in voids and cracks-and crevices, applications must be made in such a manner to limit dripping and runoff onto untreated structural surfaces and plants.

***In commercial animal premise automatic misting systems:***

- Not for use in outdoor residential misting systems (indoor or outdoor).
- Do not apply this product in barns or stables where animals intended for slaughter or human consumption will be maintained.
- Do not apply when food, feed, or water is present.
- Do not apply directly to animals.
- When using this product, installers and service technicians must comply with the license, certification, or registration requirements of the state(s), tribe(s), or local authority (ies) where they are installed.
- When applying via remote activation device, do not apply when people and pets are present. If possible, when applying via automatic timer, set the timing for application when people and pets are unlikely to be present.
- Direct nozzles to spray toward the target area and away from areas where people are typically present.
- Do not use in an evaporative cooling system.
- Do not use in misters located within 3 feet of air vent, air conditioner units, or windows.
- If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows: This container holds \_\_\_\_\_ parts [product name] to \_\_\_\_\_ parts water.
- This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of \_\_\_\_\_.

**Resistance Management Recommendations**

For resistance management, Prozap Insectrin X Concentrate contains a Group 3A insecticide. Any insect population may contain individuals naturally resistant to Prozap Insectrin X Concentrate and other Group 3A insecticides. The resistant individuals may dominate the insect/mite population if this group of insecticides/acaricides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of Prozap Insectrin X Concentrate or other Group 3A insecticides with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target species when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues for the targeted pests between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
  - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
  - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.

### **Resistance Management Recommendations continued**

- The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active. Adopt an integrated pest management program for insecticide use, that includes scouting, uses historical information related to pesticide use, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact your local Neogen representative at 1-800-477-8201.

### **IMPORTANT NOTICE**

**BEFORE BUYING OR USING THE PRODUCT COVERED BY THIS BULLETIN, READ THIS BULLETIN, AND THE LABEL FOR ALL PRODUCTS REFERENCED IN THIS BULLETIN, IN THEIR ENTIRETY, AND FOLLOW ALL APPLICATBLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS.**

It is a violation of Federal law to use this or any other pesticide product in a manner inconsistent with its labeling. This Bulletin contains supplemental instructions for the use of the reference Neogen product. Follow these instructions carefully. This Bulletin must be in the possession of the User at the time of application.

Read the Disclaimer on the product label before buying or using the Neogen product covered by this bulletin. Neogen will not be responsible for losses or damages resulting from the use of this product in any manner not specifically stated by Neogen on the product label or this Bulletin. User assumes all risks associated with any such non-specified use. Use by Buyer or any other User constitutes acceptance of the terms of the Disclaimer of the product label.

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