

# SPECIMEN

Metaflumizone

Group

22B

Insecticide

# Siesta®

## Insecticide Fire Ant Bait

### For control of fire ants

#### Active Ingredient:

metaflumizone\* (CAS No 139968-49-3): ..... 0.063%

**Other Ingredients:** ..... 99.937%

**Total:** ..... 100.000%

\* (E/Z)-2-[2-(4-cyanophenyl)-1-[3-(trifluoromethyl)phenyl]ethylidene]-N-[4-(trifluoromethoxy)phenyl]hydrazinecarboxamide

EPA Reg. No. 7969-232

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION/PRECAUTION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

See inside for complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

**In case of an emergency endangering life or property involving this product, call 1-800-832-HELP (4357), twenty-four (24) hours per day seven (7) days per week.**

**Net Contents:**

## FIRST AID

<b>If on skin</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If swallowed</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• <b>DO NOT</b> induce vomiting unless told to do so by the poison control center or doctor.</li><li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</li></ul>
<b>If in eyes</b>	<ul style="list-style-type: none"><li>• Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes.</li><li>• Remove contact lenses, if present, after first 5 minutes; then continue rinsing eyes.</li><li>• Call a poison control center for treatment advice.</li></ul>

## HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may contact BASF Corporation at 1-800-832-HELP (4357), twenty-four (24) hours per day seven (7) days per week.

## Precautionary Statements

### Hazards to Humans and Domestic Animals

**CAUTION.** Harmful if absorbed through skin or swallowed. May cause moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash hands thoroughly with plenty of soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### Personal Protective Equipment (PPE)

Applicators or other handlers who handle this product for any use covered by the Worker Protection Standard (40 CFR Part 170), such as agricultural plants grown for commercial or research purposes on farms; in forests, nurseries and commercial greenhouses must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## USER SAFETY RECOMMENDATIONS

### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. Metaflumizone has the potential to bioaccumulate in

aquatic and terrestrial organisms, and may affect the reproduction of birds, mammals, reptiles, and amphibians if not used in accordance with the label directions and restrictions. **DO NOT** apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Cover, clean up, or incorporate granules that are spilled. Keep spilled granules out of all sewers and open bodies of water. **DO NOT** apply this product directly to bodies of water such as lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, or commercial fishponds. **DO NOT** contaminate water when disposing of equipment washwaters.

## Product Information

**Siesta® Insecticide Fire Ant Bait** is an insecticidal bait for fire ant control that can be used to treat existing fire ant infestations. **Siesta** is highly attractive to imported and native fire ants (*Solenopsis* spp.). Worker ants find the bait and carry it into the mound as food for the colony. The bait is eaten, fed to the queen, and the mound is destroyed. Further information regarding fire ants may be obtained from your cooperative agricultural extension service.

## Directions For Use

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

### Use Restrictions

- Aerial application of this product is prohibited.
- **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and commercial greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**DO NOT** enter or allow worker entry into treated areas during the restricted-entry interval (REI) of **12 hours**.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

## Resistance Management

For resistance-management, **Siesta® Insecticide Fire Ant Bait** contains a **Group 22B** insecticide. Any insect population may contain individuals naturally resistant to **Siesta** and other **Group 22B** insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed. To reduce the potential for developing insect resistance, rotate to an insecticide with a different mode of action. Monitor treated pest populations for resistance development. Read product label before applying any insecticide and follow label directions.

To delay insecticide resistance, take the following steps:

- Rotate the use of **Siesta** or other **Group 22B** insecticides within a growing season, or among growing seasons, with different groups that control the same pests. Avoid application of more than the maximum seasonal use rate or the total number of consecutive sprays of **Siesta** per season.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, crop rotation, 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 or certified crop advisors 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 BASF representative.

## Specific Use Directions

### Non-WPS Uses

Use **Siesta** outdoors to control imported and native fire ants. **Siesta** is for use on lawns, turf, landscaped areas, golf courses, industrial/municipal sites, other outdoor noncrop/nongrazed areas, such as airports, roadsides, cemeteries, commercial grounds, parks, school grounds, picnic grounds, athletic fields and other recreational areas; on grounds surrounding poultry houses (excluding runs and ranges) or corrals and other animal holding areas; outdoors areas where companion animals (such as horses and llamas) are kept; these companion animals CANNOT be used for food or feed; and outdoor areas around residences and residential areas, commercial and other structures, warehouses, hotels, motels, supermarkets, hospitals, and nursing homes. Avoid direct exposure of **Siesta** granules to animals.

### WPS Uses

**Siesta** may be used on sod farms and in nurseries in and around container or field-grown ornamental and nursery stock, including citrus, stone fruit, pomefruit, pecan, walnut, and almond. **DO NOT** graze or feed lawn or sod clippings to livestock.

**DO NOT** apply to the soil around fruit and nut trees more than 4 times per year.

## Application Instructions

**Siesta** can be applied:

- In nurseries in and around container or field-grown fruit and nut tree stock;
- In nurseries in and around container or field-grown ornamental and nursery stock;
- On lawns, turf, landscaped areas, golf courses, sod farms, industrial/municipal sites, other outdoor non-crop/non-grazed areas, such as airports, roadsides, cemeteries, commercial grounds, parks, school grounds, picnic grounds, athletic fields and other recreational areas;
- On grounds surrounding poultry houses (excluding runs and ranges) or corrals and other animal holding areas;
- Outdoor areas where companion animals (such as horses and llamas) are kept; these companion animals CANNOT be used for food or feed.
- Outdoor areas around residences and residential areas, commercial and other structures, warehouses, hotels, motels, supermarkets, hospitals, and nursing homes;
- Outdoor areas (other than orchards) described above which include bearing and/or nonbearing pome, stone, citrus, and nut trees.

**Siesta® Insecticide Fire Ant Bait** may also be applied to nonbearing fruit and nut trees, vines, brambles and bushberries grown in commercial ornamental nurseries. Nonbearing trees, vines, brambles and bushberries are grown in ornamental production nurseries where immature and/or inedible fruits of nuts or berries may appear on the tree, vine, bramble and bush but are not intended for harvest or consumption.

Apply **Siesta** at the first sign of fire ant activity. For best results, apply **Siesta** in the early morning or late afternoon when ants are most active. Ants are most active when temperatures are above 60° F. **DO NOT** apply when the ground is saturated with water, heavy dew, or when heavy rains are expected within 12 hours. **DO NOT** water-in granules after application. Wait at least 12 hours after application before irrigating treated area. For best results, allow 7 days after bait application before applying a contact insecticide to the bait treated area.

### Broadcast Treatments

Use broadcast equipment capable of applying 1.5 pounds of **Siesta** per acre. Calibrate and adjust equipment prior to application to ensure that the proper rate of product will be applied. If needed, retreat after 4 to 8 weeks.

**DO NOT** make broadcast application within 10 feet of perennial fresh water or estuarine water bodies (brackish water). Fresh water bodies include: lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, and commercial fishponds. Estuarine or brackish water bodies include: tidal water such as bays, mouth of rivers, salt marshes, and lagoons. Active fire ant mounds, in the required 10 ft buffer zone, may only be treated by the individual mound treatment described below.

### For Individual Mound Treatments and Container-grown Plants

Apply 1 to 2 ozs (2 to 4 level TBSP) of **Siesta** per mound, uniformly distributing the product 3 to 4 feet around the mound. If needed, retreat after 4 to 8 weeks.

### Use Rate for Siesta

Treatment	Product Use Rate per Application	Directions
<b>Broadcast:</b> Imported and native fire ants	3.0 ozs/5000 sq ft 1.5 lbs/A	Broadcast bait uniformly using a handheld or walk-behind spreader or motorized mechanical equipment.  Around structures, lightly sprinkle the product evenly in a band approximately 1 to 2 feet wide around the foundation of the building. Repeat application as necessary.
<b>For Individual Mounds Including Mounds in Areas of Container-grown Plants:</b> Imported and native fire ants	1.0 to 2.0 ozs (2 to 4 TBSP)	Uniformly distribute the bait 3 to 4 feet around the perimeter of the mound.
<b>Restrictions:</b> <b>DO NOT</b> exceed 6.0 lbs/A total or 4 applications per calendar year. When treating individual mounds, <b>DO NOT</b> treat more than 12 mounds/A per single application.  <b>DO NOT</b> disturb the mound during application. <b>DO NOT</b> apply to top of mound.		

### Reapplication Instructions

**Siesta** may provide control for up to 8 weeks (or longer) depending on environmental conditions. Rainfall within 12 hours of application may reduce the effectiveness of **Siesta** and a repeat application may be necessary to achieve desired level of control. Bait may be reapplied every 4 to 8 weeks if control appears to be fading.

## STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

### **Pesticide Storage**

Keep this product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals. This product is formulated in an oil bait. Prolonged exposure to air may turn oil rancid and reduce the attractiveness of the bait. Use within 3 months after opening.

### **Pesticide Disposal**

Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

### **Container Handling (for plastic containers)**

**Nonrefillable Container. DO NOT** reuse or refill this container. After completely emptying container into application equipment, offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

### **(for paper or plastic bags)**

**Nonrefillable Container. DO NOT** reuse or refill this container. Completely empty container into application equipment by shaking and tapping sides and bottom to loosen clinging particles. When completely empty, offer for recycling if available, or dispose of empty bag in a sanitary landfill, or by other procedures approved by state and local authorities.

Consult federal, state, or local disposal authorities for approved alternative procedures.

## **In Case of Spill:**

In case of large-scale spillage regarding this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

## **Steps to be taken in case this material is released or spilled:**

- Sweep up and place in a suitable container for disposal or use according to label directions.
- Remove contaminated clothing and wash affected skin areas with water. Wash clothing before reuse.
- Keep spills out of all sewers and open bodies of water.

## Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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We create chemistry