

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

AUG 24 2012

Warren Smith
BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

Subject: Amended labeling to revise buffer zones, mound density requirements, and rainfall/watering intervals
Siesta™ Insecticide Fire Ant Bait
EPA Registration No. 7969-232
EPA Decision No. 465081

Dear Mr. Smith:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable. A stamped copy of the label is enclosed for your records. Please submit one copy of your final printed labeling before you release the product for shipment. Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). If you have any questions, please contact Julie Chao by phone at: (703) 308-8735, or by email at: chao.julie@epa.gov.

Regards,

A handwritten signature in blue ink, appearing to read "John Hebert", with a large circular flourish underneath.

John Hebert, Product Manager (07)
Insecticide-Rodenticide Branch
Registration Division (7505P)

Enclosure



ACCEPTED

AUG 24 2012

INSECTICIDE

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for the
pesticide registered under:

Fire Ant Bait

7969-232

EPA. Reg. No.

For control of fire ants in nonbearing fruit, citrus and tree nut orchards; in nurseries in and around nonbearing container or field-grown fruit and nut tree stock; in nurseries in and around container or field-grown ornamental and nonbearing nursery stock; on lawns, turf, landscaped areas, golf courses, sod farms, 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; and outdoor areas around residences and residential areas, commercial and other structures, warehouses, hotels, motels, supermarkets, hospitals, and nursing homes

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/PRECAUCION

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 day or night 1-800-832-HELP (4357).

Net Contents:

BASF Corporation
26 Davis Drive, Research Triangle Park, NC 27709

 **BASF**
The Chemical Company

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to do so by the poison control center or doctor. • DO NOT give anything by mouth to an unconscious person.
If in eyes	<ul style="list-style-type: none"> • Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after first 5 minutes; then continue rinsing eyes. • Call a poison control center for treatment advice.
HOTLINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information at 1-800-832-HELP (4357).</p>	

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION. Harmful if absorbed through skin. Harmful if swallowed. May cause moderate eye irritation. Avoid contact with skin, eyes, or clothing. 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 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 restric-

tions. **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 fish-ponds. **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.

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 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

Specific Use Directions

Non-WPS Uses

Use **Siesta™ Insecticide Fire Ant Bait** outdoors to control imported and native fire ants. **Siesta** is for use on lawns, turf, landscaped areas, golf courses, sod farms, industrial/municipal sites, other outdoor noncrop/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; 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 nonbearing nursery stock; including but not limited to citrus, stone fruit, pomefruit, pecan, walnut, and almond. **DO NOT** graze or feed lawn or sod clippings to livestock.

Siesta can be applied to the soil around nonbearing fruit and nut trees in orchards; including, but not limited to citrus, stone fruit, pomefruit, pecan, walnut, and almond. Application to the soil around nonbearing fruit and nut trees is permitted up to 1 year before the first harvest. **DO NOT** apply to the soil around nonbearing fruit and nut trees more than 4 times per year.

Application Instructions

Aerial application is prohibited.

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** exceed 6.0 lbs/A total or 4 applications in a 1 year period.

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

DO NOT disturb the mound. **DO NOT** apply to top of mound. 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. When treating individual mounds, **DO NOT** treat more than 12 mounds/A per treatment and **DO NOT** exceed 6.0 lbs/A total or 4 applications in a 1 year period.

Use Rate for Siesta™ Insecticide Fire Ant Bait

Treatment	Product Use Rate per Application	Comments
Broadcast Imported and native fire ants	2.0 to 3.0 ozs/5000 sq ft 1.0 to 1.5 lbs/A DO NOT exceed 6.0 lbs/A total or 4 applications in a 1 year period	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
For Individual Mounds Including Mounds in Areas of Container grown Plants Imported and native fire ants	1.0 to 2.0 ozs (2 to 4 TBSP) DO NOT exceed 6.0 lbs/A total or 4 applications in a 1 year period When treating individual mounds DO NOT treat more than 12 mounds/A per single application	Uniformly distribute the bait 3 to 4 feet around the perimeter of the mound DO NOT disturb the mound during application DO NOT 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.
DO NOT exceed 4 applications in a 1 year period.

STORAGE AND DISPOSAL

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

Pesticide Storage Store in cool, dry, secure place and keep container tightly closed. Store container away from children and pets. 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 incineration, 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 incineration, or by other procedures approved by state and local authorities.

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

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.

PC309

Siesta is a trademark of BASF.

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