

62719-454

02/09/2007

117

(Base Label):

**Recruit IV AG termite bait is sold in conjunction with a service provided by a pest control operator licensed by the state to apply termiticides.**

(Logo) Dow AgroSciences

# Recruit™ IV AG

**A termite bait for use as an above ground delivery system for elimination of subterranean termite colonies**

Active Ingredient:

noviflumuron .....	0.5%
Inert Ingredients .....	99.5%
Total .....	100.0%

U.S. Patent 5,886,221

**Keep Out of Reach of Children**

## CAUTION

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### Precautionary Statements

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#### Hazards to Humans and Domestic Animals

**Do not tamper with bait material.**

#### Environmental Hazards

This product is highly toxic to aquatic invertebrates and possibly to fish. Do not use this product in depressions, low areas, near ponds, streams, springs, other water sources, or near downspout openings when the bait or its noviflumuron contents could be washed out of the bait station into water at or near the surface of the ground. Do not use, handle or tamper with the bait container in a manner inconsistent with this label.

**Refer to label booklet for Directions for Use.**

**Notice:** Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies at end of label booklet.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at [www.dowagro.com](http://www.dowagro.com).

EPA Reg. No. 62719-454

EPA Est. \_\_\_\_\_

™ Trademark of Dow AgroSciences LLC  
Dow AgroSciences LLC • Indianapolis, IN 46268 U.S.A.

**Termite Bait**

**A C C E P T E D**

FEB - 9 2007

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
Registered under  
EPA Reg. No. 62719-454

Net Weight: \_\_\_ oz

217

(cover):

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## Termite Bait

Net Weight \_\_\_ oz

(Page 1 through end):

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## Precautionary Statements

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## Directions for Use

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It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

### Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

**Storage:** Store in original container in a dry storage area.

**Disposal:** Product not disposed of by use according to label directions should be wrapped in paper and placed in a trash can.

**Handling Procedures:** Do not remove station from its protective wrapper or expose the bait matrix until ready to use.

## General Information

Recruit™ IV AG termite bait is an above ground station of the Sentricon® *Termite Colony Elimination System* and may be used to eliminate subterranean termite colonies. Recruit IV AG contains the insect growth regulator (IGR), noviflumuron, which prevents successful molting and development of subterranean termites. This disruption of development results in the decline and ultimate elimination of the termite colony when it can no longer sustain itself. Recruit IV AG may be used against economically important species of termites, including *Coptotermes*, *Reticulitermes*, and *Heterotermes* spp. Target sites for use of this product include interior and exterior surfaces of buildings and crawl spaces, fences, utility poles, decking, landscape decorations, trees, or other features that could be damaged by termite foraging and feeding activity.

A thorough understanding of the biology and behavior of subterranean termites relative to building construction and landscape features is essential for effective use of this product.

Recruit IV AG must remain in place as long as termites are actively feeding on the bait material. Recruit IV AG, when used alone as a control system, should be inspected regularly to ensure that termites do not entirely consume the bait matrix. When used alone as a control system, the inspection interval may be monthly, bi-monthly or quarterly. Recruit IV AG may also be used as a spot treatment without a specified inspection interval if used in conjunction with the in-ground installation of the Sentricon System. Access to additional bait matrix at a specific target site may be provided by "stacking" Recruit IV AG stations one on top of another. Stations may be stacked during the initial installation or during a subsequent inspection if one-third to one-half of the bait matrix has been consumed and active feeding continues. Details of this process are provided in the "Installation of Supplemental Recruit IV AG Stations" section of

417

this label. When feeding in the stations has stopped, the Recruit IV AG stations can be removed.

Do not re-use Recruit IV AG. Subterranean termites secrete colony specific pheromones that become incorporated into the material during feeding and foraging. The pheromones deposited in the material by one colony will induce feeding deterrence or repellency in members of other colonies and thereby prevent feeding and toxicant delivery.

Recruit IV AG can be used in conjunction with other termite control methods, including soil barrier treatments and monitoring/baiting of Recruit IV in the Sentricon System stations used in ground. However, application of a liquid soil barrier treatment to the area through which termites must pass to reach a Recruit IV AG installation will prevent feeding and should be delayed until the entire baiting process is completed.

**Food Handling Establishments:** Recruit IV AG may be installed in both food and nonfood areas of all types of food-handling establishments, i.e., food service, food processing and food manufacturing establishments. This includes, but is not limited to, restaurants, grocery stores, bakeries, bottling plants, canneries, meat and poultry processing plants, and grain mills.

### Inspection of Structures

Thorough inspection of the site to be protected is required to determine if subterranean termites are present and accessible. Treatment sites may include the interior and exterior surfaces of buildings and crawl spaces, fences, utility poles, decking, landscape decorations, trees, and other features that could be damaged by termite foraging and feeding activity.

Recruit IV AG is effective only when applied to areas where termites are active and direct access to the station is possible. Installation of Recruit IV AG does not attract termites. Areas suitable for placement of Recruit IV AG include interior and exterior surfaces where:

- 1) Live termites are visually observed in mud tubes or subsurface galleries;
- 2) Feeding activity is detected using an acoustic emission detector or other detection technology; or
- 3) Termite mud tubes, feeding damage, or emergence holes have recently appeared.

The surface area for installation of Recruit IV AG should be large enough to allow the station to be firmly attached to the structure.

Once suitable areas for placement are identified, some surface preparation may be necessary before installation of Recruit IV AG. In areas where there are no obvious subsurface mud tubes, feeding damage, or emergence holes, but termite feeding activity is detected, holes approximately 3/8-inch in diameter may be drilled to intercept feeding galleries within the area to be covered by the bait station. Be careful not to scrape off or disturb surface mud tubes during the drilling process.

### Installation of Recruit IV AG

The Recruit IV AG station consists of a rigid plastic housing containing the bait matrix packet. A removable cover allows for internal inspection of the bait station after installation. When attached to the mounting surface, the access window (open side) of the bait station allows termites direct access to the bait. Breakout points in the mounting surfaces surrounding the access window may be removed to avoid damage to surface mud tubes or allow better contact with the mounting surface.

5/7

**Installation Procedure:**

1. Inspect the site to which the Recruit IV AG station will be attached to determine if the surface is suitable for attachment.
2. Always moisten the bait matrix before securing the station in place. Remove and open the packet and add 4 to 7 fl oz (120 to 210 ml) of water or a sugar-containing sports performance drink to the bait matrix. Reseal the packet and knead the matrix contents until the wetting agent has been fully absorbed (allowing for an initial 1-2 minutes of soak time helps aid in the kneading process). Once the wetting agent is absorbed, expose the bait matrix by creating access points for entry of termites in the packet. Reinsert the bait matrix packet into the bait station. The side with access points must be visible in the access window of the station to ensure the bait is exposed and in contact with the mounting surface.
3. Align the access window of the station housing with the termite gallery openings, exit holes, drilled holes, or mud tubes and secure the station to the surface. (**Note:** When mounting the bait station to surfaces containing surface mud tubes, a segment of each tube within the area to be covered by access window should be removed. This opening provides termites with direct access to the bait. Avoid crushing surface mud tubes when installing the bait station as this blocks termite access to the bait. Appropriate use of breakout points where surface mud tubes intersect the edges of the station housing will allow secure attachment without crushing the mud tubes.)
4. Firm and secure attachment of the station housing to the structure is necessary for it to remain in place under adverse weather conditions and to prevent tampering. Suitable attachment materials include screws, tape, non-volatile adhesives, latex-based caulk, or other appropriate materials. (**Note:** Avoid use of adhesives or caulking materials with volatile solvents that can temporarily repel termites.) Apply adhesive caulking material to the surfaces of the station housing which contact the mounting surface, but do so only after the final mounting position has been determined and, if necessary, breakout points have been removed. If adhesive is not desired, a foam gasket is included. Place the gasket between the mounting surface of the station and the termite infested structure. Align the holes in the gasket with the screw holes in the station and attach station to termite infested surface. The method of attachment should not interfere with removing the cover to inspect the bait or add a supplementary station.

Termites may abandon a station that allows light, air movement, drying of the matrix, or invasion by ants or other predators. Proper attachment and sealing of the station housing to the structure is critical.

5. After attachment of the station, replace and secure the cover.

**Inspection of Recruit IV AG**

To inspect Recruit IV AG, remove the cover to expose the bait matrix. If termites are active in the station and the matrix appears to be at least 1/3 to 1/2 consumed, a supplemental station should be added. If the bait matrix is moldy or degraded, it should be removed and replaced either with a new bait matrix packet or new station. If the bait matrix has dried out and contains no termites, it may be replaced with a fresh bait matrix packet that has been moistened as noted in Step 2 above or moisture may be added to the existing bait matrix. When termites are no longer actively feeding in a bait station, it should be removed.

If the entire contents of the bait station are consumed before replenishment, termites may forage elsewhere for food and water. The inspection interval may be monthly, bi-monthly or quarterly when Recruit IV AG is used alone as a control system. During inspection, check bait stations for secure attachment to the mounting surface and reinforce if necessary. Recruit IV AG may also be used as a

6/7

spot treatment without a specified inspection interval if used in conjunction with the in-ground installation of the Sentricon System.

### **Installation of Supplemental Recruit IV AG Stations**

Recruit IV AG stations are designed to accommodate the addition of a supplemental station by "stacking" a new station on top of an existing one. Stacking allows uninterrupted feeding without disturbing the termites in the original station. Moisture should be added to the supplemental station before installation as described in the "Installation of Recruit IV AG" section of this label. Gaskets, which may be used for mounting the original stations, should **not** be used between stacked stations.

- Remove the cover from the existing station. After moistening as noted in Step 2 above, bait matrix should be exposed so termites can readily access the bait in the stacked station.
- Snap the new station and cover into place on top of the existing station.

Up to two stations (original plus 1) may be stacked at one location. Stacking of more than two stations is unnecessary and is undesirable for aesthetic and practical reasons. If it is necessary to continue baiting after two stations have been stacked, remove the second station, leaving the original station in place and add the new station on top of it. This procedure will ensure that foraging termites are minimally disturbed and that colony specific pheromones will remain at the site.

Inspect supplemental stations regularly as described in the "Inspection of Recruit IV AG" section of this label.

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### **Warranty Disclaimer**

Dow AgroSciences warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. Dow AgroSciences **MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

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### **Inherent Risks of Use**

It is impossible to eliminate all risks associated with use of this product. Lack of performance or other unintended consequences may result because of such factors as use of the product contrary to the label instructions (including adverse conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, etc.), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Dow AgroSciences and its agents. All such risks shall be assumed by the user.

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### **Limitation of Remedies**

The exclusive remedy for losses or damages resulting from the use of this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Dow AgroSciences' election, one of the following:

1. Refund of any fee paid to Dow AgroSciences by the user in relation to use of the product at a particular site, or
2. Replacement of the amount of product used at a particular site.

Dow AgroSciences shall not be liable for losses or damages resulting from handling or use of this product unless Dow AgroSciences is promptly notified of such loss or damage in writing. In no case shall Dow AgroSciences be liable for consequential or incidental damages or losses.

7/7

Except as is specifically authorized in this Limitation of Remedies section of this label, the terms of the Warranty Disclaimer and Inherent Risks of Use above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Dow AgroSciences or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

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