

# OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

May 2, 2025

Oscar Perez Ovilla, Ph.D.
Regulatory Affairs Manager
AMVAC Chemical Corporation
4695 MacArthur Court, Suite 1200
Newport Beach, CA 92660-1706

Subject: Label Amendment – Addition of California Prop 65 Language, Approval of New

Alternate Brand Name and Other Label Revisions in Direct Response to Agency-

Initiated Letter Dated March 12, 2024 Product Name: SMALL BB PEST STRIP EPA Registration Number: 5481-9025

Application Date: May 6, 2024 Action Case Number: 612776

# Dear Oscar Perez Ovilla:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

The alternate brand name, "Nuvan Bed Bug Strip" has been added to the product record.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of

Page 2 of 2 EPA Reg. No. 5481-9025 Action Case No. 612776

statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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.

If you have any questions, please contact Carmen Rodia via e-mail at *Rodia.Carmen@epa.gov*.

Sincerely,

Tamica L. Cain, Product Manager 10 Invertebrate & Vertebrate Branch 2 Registration Division (7505T)

Enclosure: Stamped "Accepted" Master Label, May 2, 2025

{Note to reviewer: Text in braces { } is for informational purposes and will not appear on the end-use label.}

{Note to reviewer: Text in brackets [] is optional, and may or may not appear on the end-use label.}

{Text in parentheses () will appear on the end-use label.}



# **SMALL BB PEST STRIP**

# [ALTERNATE BRAND NAME: Nuvan Bed Bug Strip]

For Control of Bed Bugs and Bed Bug Eggs

#### **ACTIVE INGREDIENT:**

Dichlorvos (2,2-dichlorovinyl dimethyl phosphate):	18.6%
OTHER INGREDIENTS*:	<u>81.4%</u>
Total	100.0%

<sup>\*</sup>This product contains the toxic inert ingredient Bis (2-ethylhexyl) adipate (DEHA) at 19.8%.

# KEEP OUT OF REACH OF CHILDREN WARNING / AVISO

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.)

FIRST AID		
IF SWALLOWED	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 by a poison control center or doctor.	
	Do NOT give anything by mouth to an unconscious person.	
IF INHALED	Move person to fresh air.	
	If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably	
	mouth-to-mouth, if possible.	
	Call a poison control center or doctor for further treatment advice.	
IF IN EYES	Hold eye open and rinse slowly and gently with water for 15-20 minutes.	
	Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.	
	Call a poison control center or doctor for treatment advice.	
IF ON SKIN	Take off contaminated clothing.	
	Rinse skin immediately with plenty of water for 15-20 minutes.	
	Call a poison control center or doctor for treatment advice.	
NOTE TO DUNGLOLAN		

# **NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage. POISONING SYMPTOMS: This product is a cholinesterase inhibitor. Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps. TREATMENT: Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, atropine sulfate should be injected at 10-minute intervals in doses of 1 to 2 milligrams until complete atropinization has occurred. Morphine is contraindicated. 2-PAM is also antidotal and may be administered in conjunction with atropine. Clear chest by postural drainage.

## **EMERGENCY INFORMATION**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:** 

For Medical Emergencies phone:	1-888-681-4261
For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC*	
For Product Lice Information who not ANN/AC®	1 000 462 6022

See inside [side] [back panel] booklet [attached] [to] [pouch] [bag] [sealed pack] for [complete] [additional] [First Aid Statements,] Precautionary Statements, [Directions For Use,] [Storage and Disposal,] [and] [Limited Warranty and Disclaimer]

EPA Reg. No. 5481-9025	EPA Est. No
Net Weight:	







AMVAC Chemical Corporation 4695 MacArthur Court, Suite 1200 Newport Beach, CA 92660 USA 1-888-462-6822

## Hazards to Humans and Domestic Animals

{NOTE TO REVIEWER: The following are optional logos.}

**WARNING**: May be fatal if swallowed. Do not get in mouth. Harmful if inhaled. Causes moderate eye irritation. Avoid breathing vapors. Avoid contact with eyes or clothing. After prolonged storage, a small amount of liquid may form on strip. Do not get liquid in eyes. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

# **User Safety Requirements**

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. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

# STOP! READ ENTIRE LABEL BEFORE USE

# **DIRECTIONS FOR USE**

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

# **USE RESTRICTIONS**

- DO NOT apply this product in a way that will contact any person or pet directly. Keep people and pets out of the area during application.
- DO NOT use in hospital rooms or clinic rooms, such as patient rooms, wards, nurseries, operating or emergency areas.
- If used within homes, use only in closets, wardrobes, and cupboards (or when specifically following the bed bug control use directions listed on this label for treatment of bed bugs), but do NOT use in closets and wardrobes of rooms where infants, children and the sick or aged are or will be present for more than four (4) hours per day.
- DO NOT use in any area where people will be present for more than four (4) hours per day.
- DO NOT allow children to handle new or used product.
- DO NOT allow children to handle plastic treatment bags or treatment poly sheeting (plastic sheeting).
- DO NOT allow children or pets to play or sleep in these areas when treatment is in progress.
- DO NOT use in kitchens, restaurants or areas where food is prepared or served (except serving areas that are not in operation and have no exposed food).

- DO NOT use in the food/feed areas of food/feed processing or food/feed manufacturing or food/feed service establishments, except in garbage containers with lids. Serving areas where food is exposed and the facility is in operation are also considered food areas. Product may be used in serving areas that are not in operation and have no exposed food. Non-food/feed areas of these establishments where the product can be used are areas such as garbage rooms, lavatories, floor drains (to sewers) and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and product storage (after canning or bottling).
- This product is NOT to be taken internally by humans or animals.
- For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

# FOR CONTROL OF BED BUG EGGS, NYMPHS AND ADULTS

SMALL BB PEST STRIP is used to control bed bug eggs, nymphs and adults exposed to product vapors. SMALL BB PEST STRIP may be used to control bed bugs that have entered listed items in an infested structure such as: [electronics,] [small appliances,] [footwear,] [art work,] [collectibles,] [clocks,] [radios,] [wall hangings,] [telephones,] [computers,] [printers,] [mattresses,] [box springs,] [luggage,] [books,] [lamps,] [furniture,] [clothes,] [transportation vehicles,] [including] [cars,] [trucks,] [vans,] [buses,] [and train and trolley cars]. DO NOT allow children to handle treatment bags, treatment poly sheeting, or new or used product. Take care to avoid direct contact of the product with the surface of items being treated.

#### TO TREAT MATTRESS AND BOX SPRING

Place mattress and/or box spring inside [large] [king size] plastic bag. [For a king size mattress], allow for [5 inches of] space between each side of the mattress and the bag. Plastic bags or poly sheeting (plastic sheeting) must be at least two (2) mils thick. Any mattress or box springs to be treated must be fully enclosed with a single product unit within a large plastic bag or within poly sheeting (plastic sheeting) with all edges taped closed. Seal plastic bags and poly sheeting with as much air space around the treated article as is practical as this will enhance the exposure to the product vapors. Make sure bag can be sealed with mattress inside. Insert one (1) bed bug product unit in bag, placing it near the center of the mattress to allow for an even treatment.

{NOTE TO REVIEWER: If a plastic band or twist tie is provided with this product, these directions will be used on the product label} Gather open end of bag together and twist several times to seal in contents. Secure twisted bag end with included [plastic band] [twist tie] to ensure bag remains sealed for duration of treatment. If [plastic band] [twist tie] is lost or broken, fold the open top end of bag several times to seal in contents. Secure folded bag end with [adhesive strips] [tape] to ensure bag remains sealed for the duration of the treatment to enhance the exposure to the product vapors. DO NOT put more than one product unit in each bag. DO NOT sleep or lay on mattress or box spring while in treatment bag or during the four (4) hour ventilation period. The closed volume for treatment should not exceed the volume to be treated for the size of the product unit used. When treatment is completed, remove treated items from the treatment in a well-ventilated area and air out for a period of not less than two (2) hours. Discard plastic treatment bag or treatment poly sheeting and used product in trash.

{NOTE TO REVIEWER: If an adhesive strip or tape is provided with this product, these directions will be used on the product label} Fold open top end of bag several times to seal in contents. Secure folded bag end with included [adhesive strips] [tape] to ensure bag remains sealed for duration of treatment to enhance the exposure to the product vapors. DO NOT put more than one product unit in each bag. DO NOT sleep or lay on mattress or box spring while in treatment bag or during the ventilation period. The closed volume for treatment should not exceed the volume to be treated for the size of the product unit used. When treatment is completed, remove treated items from the treatment in a well-ventilated area and air out for a period of not less than two (2) hours. Discard plastic treatment bag or treatment poly sheeting and used product in trash.

[DO NOT tuck the edges of the bag under the mattress or box spring.] It is important to leave air space within the treatment bag [so that the vapors can circulate around the items being treated and] to enhance the exposure to the product vapors. [Mattress box spring can be treated in an additional bag following the same mattress instructions.] DO NOT put more than one product unit in each bag. DO NOT sleep or lay on mattress while in treatment bag or during the ventilation period. The closed volume for treatment should not exceed the volume to be treated for the size of the unit used. When treatment is completed, remove treated items from the treatment in a well-ventilated area and air out for a period of not less than two hours. Discard plastic treatment bag or treatment poly sheeting and used product in trash.

## TO TREAT LUGGAGE OR OTHER LISTED ITEMS

Unzip and open all luggage compartments so air can freely circulate. Place luggage or other listed items in treatment bag with one bed bug product unit, placing it near the center of the item to allow for an even treatment.

{NOTE TO REVIEWER: If a plastic band or twist tie is provided with this product, these directions will be used on the product label}

Gather open end of bag together and twist several times to seal in contents. Secure twisted bag end with included [plastic bands] [twist tie] to ensure bag remains sealed for duration of treatment. If [plastic band] [twist tie] is lost or broken, fold the open top end of bag several times to seal in contents. Secure folded bag end with [adhesive strips] [tape] to ensure bag remains sealed for the duration of the treatment to enhance the exposure to the product vapors. DO NOT put more than one product unit in each bag. The closed volume for treatment should not exceed the volume to be treated for the size of the product unit used.

{NOTE TO REVIEWER: If an adhesive strip or tape is provided with this product, these directions will be used on the product label} Fold open top end of bag several times to seal in contents. Secure folded bag end with included [adhesive strips] [tape] to ensure bag remains sealed for duration of treatment to enhance the exposure to the product vapors. DO NOT put more than one product unit in each bag. The closed volume for treatment should not exceed the volume to be treated for the size of the product unit used.

[DO NOT tuck the edges of the bag under the luggage or other listed items.] It is important to leave air space within the treatment bag [so that the vapors can circulate around the items being treated and] to enhance the exposure to the product vapors.

## **TREATMENT**

To kill bed bug nymphs and adults, treat mattress or box spring and luggage or other listed items in sealed bag for a minimum of 48 hours. To kill bed bug eggs, treat mattress or box spring and luggage or other listed items in sealed bag for a minimum of seven (7) days.

#### WHEN TREATMENT IS COMPLETE

When treatment is completed, remove treated items from bag and let air out in a well-ventilated area for no less than four (4) hours. DO NOT use treated items during the ventilation period. Dispose of plastic treatment bag and used bed bug product in trash immediately. Dispose of in a manner that prevents reuse.

It is also recommended that you utilize a direct spray product registered by the USEPA for application to other areas of the room that may harbor bed bugs.

{NOTE TO REVIEWER: Alternative text for Treatment of Bed Bugs and Bed Bug Eggs}

# [FOR CONTROL OF BED BUGS AND BED BUG EGGS

SMALL BB PEST STRIP may be used to control bed bug eggs, nymphs and adults exposed to product vapors for 48 hours. In more difficult to treat areas, a minimum treatment time of 72 hours will provide better results. To kill bed bug eggs, confine vapors in the treated space for seven (7) days. DO NOT allow children to handle plastic treatment bags, treatment poly sheeting or new or used product(s).

SMALL BB PEST STRIP may be used to control bed bugs that have entered listed items in an infested structure such as: electronics, small appliances, footwear, art work, collectibles, plush toys, clocks, radios, wall hangings, telephones, computers, printers, mattresses, box springs, books, lamps and furniture. Take care to avoid direct contact of the product with the surface of items being treated.

Place listed infested items in a suitable plastic bag that is completely sealed using tape, twist ties or similar means, poly sheeting that is completely sealed off by adhesive tape on all sides, container or room that is closed and sealed off to contain the product unit treatment. Plastic bags or poly sheeting must be at least two (2) mils thick. Any mattress or box spring to be treated must be fully enclosed with a single product unit within a large plastic bag or within poly sheeting with all edges taped closed. Seal plastic bags and poly sheeting with as much air space around the treated article as is practical as this will enhance the exposure to the product vapors. Proper seal can be attained by any appropriate manner such as the use of adhesive tape, twist ties, tape or similar means to ensure bag remains sealed for the duration of the treatment to enhance the exposure to the product vapors. DO NOT put more than one product unit in each bag. DO NOT sleep or lay on mattress while in treatment bag. The closed volume for treatment should not exceed the volume to be treated for the size of the product unit used.

Test for adequate seal by testing for the escape of air from the sealed bag. Identify sealed treatment by a label indicating a pesticide treatment is in process that should not be disturbed. When treatment is completed, remove treated items from bag and let air out in a well-ventilated area for no less than four (4) hours. DO NOT use treated items during the ventilation period. Dispose of plastic treatment bag, treatment poly sheeting and used product in trash immediately. Dispose of in a manner that prevents reuse.

When an unoccupied room is properly closed and sealed to contain the product vapors, it may be located in a home, apartment, hotel, motel, school or other residential, commercial or industrial building. Identify sealed treatment by a label indicating a pesticide treatment is in process that should not be disturbed. The label should include the date and a contact telephone number. When a room treatment is completed, the used product must be removed and placed in the trash immediately. The room must be aired out (thoroughly ventilated) for a period of no less than four (4) hours before it is re-occupied.

SMALL BB PEST STRIP may be used to control bed bugs in transportation vehicles, cars, trucks, vans, emergency vehicles, buses and train and trolley cars. Vehicles must not be used during the bed bug treatment. Place the appropriate number of product units in a vehicle that is then closed/sealed to contain the product vapors. The product must remain in place for 72 hours to control bed bug nymphs and adults and for one week to control bed bug eggs. The ambient temperature should be at least 60° F during the treatment. Identify the vehicle by a label indicating a pesticide treatment is in process that must not be disturbed by unauthorized persons. The label must include the dateand a contact telephone number. When the treatment is complete, remove the product in a well-ventilated area and air out the vehicle for a period of not less than two hours.

Always use the appropriate size and number of product units for the space being treated. {NOTE TO REVIEWER: Optional wording depending on size unit} [One \_\_\_g unit will treat a space of up to \_\_\_ cu ft]. See Table under Product Information Section. If more than one is required, distribute them within the space equally. The closed volume for treatment should not exceed the volume to be treated for the size of the unit used. ]

# STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep this product in its tightly closed original container, protected from freezing temperatures and away from heat sources and direct sunlight. Store in a secure, cool, dry (preferably locked) area that is inaccessible to children and animals. **DO NOT** store near food or feed. **DO NOT** open or remove from package before ready to install.

**PESTICIDE DISPOSAL: DO NOT** contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

#### **CONTAINER HANDLING:**

<u>Foil Pouch Packaging</u>: **DO NOT** open or remove from package before ready to use. **Disposal**: **If empty**: **DO NOT** reuse container. Place in trash or offer for recycling if available. **If partly filled**: Call your solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

<u>Outer Container</u>: Nonrefillable container. **DO NOT** reuse or refill this container. Offer for recycling if available or dispose of the empty container in trash.

<u>Used Product</u>: Used product should be wrapped in paper and discarded in the trash.

# LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; and (b) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS WARRANTY DOES NOT EXTEND TO THE USE OF THIS PRODUCT CONTRARY TO LABEL INSTRUCTIONS, OR UNDER CONDITIONS NOT REASONABLY FORESEEABLE.

THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN TORT, CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW MANUFACTURER OR SELLER SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

{NOTE TO REVIEWER: The following alternate warranty statement may be used.}

[NOTICE: Read the entire label before using this product. To the extent consistent with applicable law, AMVAC Chemical Corporation will not be responsible for losses or damages resulting from use of this product in any manner not specifically stated on this label or other labels or bulletins published by AMVAC Chemical Corporation. User assumes all risks associated with such non-specified use.]

© 2024 AMVAC Chemical Corporation is a wholly owned subsidiary of American Vanguard Corporation. All Rights Reserved. AMERICAN VANGUARD, [AMGUARD,] AMVAC, and their respective logos are trademarks owned by AMVAC Chemical Corporation. CHEMTREC is a service mark of the American Chemistry Council, Inc.

{NOTE TO REVIEWER: The following statement is optional for use in California.}

**WARNING**: This product can expose you to chemicals including dichlorvos, which is known to the State of California to cause cancer. For more information go to <a href="https://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>.

AMVAC Chemical Corporation 4695 MacArthur Court, Suite 1200 Newport Beach, CA 92660 USA 1-888-462-6822

# {NOTE TO REVIEWER: The following are optional marketing claims}

- Kills Bed bugs [and bed bug eggs]
- Prevents bed bug eggs from hatching
- Kills bed bug eggs
- Treats [up to] (X) [king] [queen] [full] [twin] size mattresses and box springs
- Treats twin, full, queen and king size mattresses [and box springs]
- Treats 2 twin mattresses and 2 twin box springs or 1 Full, Queen or King size mattress and box spring.
- [Can also be used to] treat(s) luggage
- Contains (X) bed bug product units (and) (contains) (X) (large) (king size) mattress treatment bags
- (and) (contains) (X) (x gallon) luggage treatment bags
- Results Guaranteed \* See back [side] for terms of guarantee
- Money Back Guarantee \* See back [side] for terms of guarantee
- [Fill out "treatment warning notice" and affix to treatment bag].
- Large bag holds and treats up to a king size mattress
- Treats non-washable listed items
- Also use to seal and dispose of listed infested items
- Includes Bed Bug product units and Sealable Treatment Bag

WARNING—KEEP THIS BAG AWAY FROM BABIES AND CHILDREN. DO NOT USE IN CRIBS, BEDS, CARRIAGES OR PLAY PENS. THIS BAG IS NOT A TOY AND MAY CAUSE SUFFOCATION.

\*If you are not satisfied with this product for any reason send your written request for a refund to the address below, together with the dated store receipt showing the price you paid. Please allow 6-8 weeks for processing.

NOTICE: To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions.

SMALL BB PEST STRIP or [sub registrant product name]. Fact Box

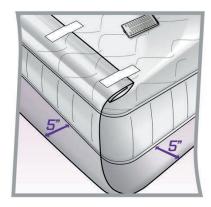
Where to Use: Treats non-washable listed items. Also use to seal and dispose of listed infested items.

Application: Seal infested items in bag for seven (7) days to kill the bed bug eggs. How Often to Use: One time use. Can use bag to dispose of listed infested items.

DO NOT OVERFILL BAG.

# [OPTIONAL GRAPHICS]:







(Note to Reviewer: The text on this page will appear on the back label panel of the product)

[Bed Bug Home Protection Plan] [Bed Bug Home Protection Cycle] [Bed Bug 3-Step Process] [GRAPHICAL ICON identifying the steps: Detection, Treatment, Prevention]



**FOR BEST RESULTS** USE THIS PRODUCT AS PART OF A COMPREHENSIVE BED BUG TREATMENT PLAN. Visit our website, www.hotshot.com, for more information.

Treating bed bugs as part of a cycle is key to gaining control. Because infestations may be at a different part of the cycle when treatment begins, the information below will help you determine the best place to begin.

## DETECTION

If you have not seen any bed bugs or are in prevention mode and want to ensure you are still bed bug free, you want to detect using a combination of the following products:

- [Hot Shot® Bed Bug] Interceptor
- [Hot Shot Bed Bug] Coaster
- [Hot Shot® Bed Bug] Glue Traps

# **TREATMENT**

If you have detected bed bugs by using the products above, being bitten or observing bed bugs, bed bug eggs or excrement in mattress tufts and bedding, you want to choose from one or more of the following product types depending on your needs:

- Use an aerosol product registered to treat bed bugs [and bed bug eggs] in cracks and crevices.
- Use a ready-to-use liquid product registered to treat bed bugs [and bed bug eggs] for spot treatment.
- Use a total release fogger registered to treat bed bugs [and bed bug eggs] for areas such as carpet, mattress & box spring surfaces and furniture surfaces.
- Use a mattress treatment kit registered to treat bed bugs [and bed bug eggs] for mattresses and other listed household items.

# **PREVENTION**

To help prevent the spread of bed bugs from already infested areas into uninfested areas, you want to use an appropriate mattress and box spring encasement.

(Note to Reviewer: The following text is optional language educating the consumer on the steps necessary to approach a bed bug problem. When included in the label, the text in full will be on the product label which will be firmly affixed to the product container).

[Bed Bug Home Protection Plan] [Bed Bug Home Protection Cycle] [Bed Bug 3-Step Process]

#### Detection

While bites may be the first indicator you have a bed bug problem, bites alone are not proof you have a bed bug problem since bites from ticks, fleas and mosquitoes can resemble bed bug bites. The only way to know for sure is to find and identify the insects as bed bugs.

# Look for:

- Small reddish brown bugs the size of an apple seed
- Small blood stains or dark excreta spots
- Dead bed bugs, shed skins or small whitish eggs
- A sweet or musty odor in the room

A thorough inspection is mandatory. Bed bugs are very good hiders, so be sure to look in such places as listed below. **Note** that these are inspection sites and not a list of sites to be treated with this product.

- Mattresses & box springs around seams, creases, tufts, buttons, folds, vent holes & indentations
- Bed frames take apart bed frame to inspect cracks and crevices
- Bedding & linens
- Headboards & footboards
- Nightstand & dresser drawers
- Storage boxes, including those under beds
- Furniture & upholstered furniture cushions
- Pull out couches & sofa beds
- Curtains & curtain rods
- Rugs & tapestries
- Cribs & changing tables
- Chairs
- Luggage & folding luggage racks
- Wooden hangers
- Clothing
- Shoes & shoe boxes
- Picture frames & wall hangings
- Loose wallpaper or paneling
- Wall voids & outlets behind switchplates
- Electrical boxes
- Baseboards & floorboards
- Carpeting & carpet tack strip
- Crown molding
- Door & window casings
- Files, papers, books & magazines
- Smoke detectors, thermostats, alarm clocks, telephones, radios and other listed electronics
- Stuffed animals and plush toys
- Pet carriers

Be thorough! Any little crack or crevice can be a bed bug hiding place.

Bed bugs prefer to stay close to their food source (you!) and are typically found within 1-5 feet of sleeping areas and furniture that is frequently occupied.

Detection devices [such as interceptors] [coasters] that are placed anywhere in the room, including under the legs of beds, couches or other listed furniture, or sticky glue traps can be used to monitor for bed bug activity. You may not notice any bed bug activity for 7-14 days and, even then, monitors will not detect 100% of the time. However, they can provide a barrier between the floor and bed and can be a very useful as part of an integrated pest management program.

## **Treatment**

Bed bugs are challenging to eliminate because they can hide in many different places. Once detected, several steps must be taken to treat properly. Inspections must be thorough and elimination, especially of eggs, is not always a certainty. Treating for bed bugs is not the same as treating for other insects such as roaches and ants. Baits typically used to treat for roaches or ants are ineffective because bed bugs must bite and feed on blood. As a result, multiple treatments and treatment steps over several weeks as part of an integrated pest management program are necessary. Non-chemical and chemical options include:

• **Declutter**: Eliminate all clutter where bed bugs can hide. It is clutter, not uncleanliness, that puts you at risk for a bed bug infestation.

- Vacuum: Vacuum the entire area thoroughly, including the underside of the mattress, box spring and furniture, as well as the carpets and floor. Disassemble the bed and vacuum all bed components. Bed bugs and especially their eggs can be difficult to dislodge so use the vacuum's suction wand or crevice tool to scrape the infested area. Immediately discard the vacuum contents into a tightly sealed trash bag. Vacuuming every 2-3 days for 14 days is recommended.
- **Heat Treat**: Dry-wash-dry. First place clothing, bedding, etc. in the dryer for at least 45 minutes at a high temperature (120° 140° F). Then, wash and dry all clothing, bedding, etc. at high temperatures (120° 140° F). Be careful while stripping the bed so as to not dislodge bed bugs or eggs. Seal in a plastic bag before laundering to avoid spreading bed bugs and again after laundering in a new, clean plastic bag while you finish the treatment process so as to prevent reinfestation. Place toys, shoes, backpacks, etc. in a clothes dryer set at medium to high heat for 10-20 minutes. Wrap items that cannot be put in a washer or dryer in a large plastic bag and place them outdoors in a hot, sunny location or closed vehicle for at least a day. The fewer items packed in each bag, the better. Monitor with a thermometer for a target temperature of at least (120° F). Dry cleaning will have the same effect.
- Apply Insecticides: One step in eliminating bed bugs is to carefully apply insecticides registered to treat bed bugs [and bed bug eggs] to all areas where bed bugs are detected. Controlling bed bugs using non-chemical means alone is often very difficult, potentially less effective and usually more time consuming.
- Carefully read and follow label directions.
- Allow product to dry completely.
- DO NOT sleep or lay directly on treated mattress.
- We recommend carefully inspecting the area and reapplying insecticides after 2 weeks to kill bed bugs that later hatch from eggs, along with those that were missed during earlier treatment.
  - <u>Cracks & Crevices:</u> Use an aerosol to treat the cracks and crevices of the bed frame, mattress & box springs, luggage and other listed hard to reach places, contacting as many of the insects as possible. A dust is best in electrical outlets, wall voids, carpet tack strips and bed frames.
  - Spot Treatment: Use a liquid insecticide for spot treatment of the mattress, box spring & bed frame, baseboards, carpet & tack strips and luggage, contacting as many insects as possible.
  - o Area Treatment: Use a fogger for larger areas or heavy infestations.
  - o <u>Barrier Treatment:</u> Use a dust to create a barrier around your baseboards, wall voids, electrical outlets and other listed entrance points.
  - Mattress & Household Items: To treat the mattress, box spring, furniture and other large listed household items that cannot be washed, a [household item] [mattress and luggage treatment kit] containing a large sealable plastic bag and bed bug product units can be used.
- **Dispose Infested Items**: For items that cannot be treated by vacuuming, heat, laundering or insecticides, tightly wrap and seal in a large plastic bag prior to disposing. Destroy or mark "Infested with Bed Bugs" to prevent someone else from picking them up.

If after one month you are still experiencing a severe bed bug infestation, please contact your local professional pest management company.

# Prevention

Proper steps must be taken to prevent an initial or reinfestation. These include:

- Isolating & Encasing the Bed: Move your bed and other furniture away from the wall slightly. Remember, bed bugs do not fly or jump! Making sure the bed skirt and blanket do not touch the floor will make it harder for bed bugs to crawl onto the bed. Place detection devices such as interceptors [coasters] or glue traps under or around the bed. Enclose mattress and box spring in encasements to prevent bed bug entry and exit. Do not remove encasements. Use light-colored bedding to help aid in spotting bed bugs.
- Sealing Cracks & Crevices: Seal openings in window sills, baseboards, floorboards, furniture, bed frames and
  where pipes, wires and various utilities enter the home. Fix or take down any peeling wall paper. Tighten loose
  switch covers. Installing door sweeps will help discourage movement into hallways. For extra protection, dust
  can be puffed into all cracks and crevices that are difficult to reach or can't be sealed such as electrical outlets,

- wall voids, carpet tack strips and bed frames. As long as the dust is present, it will remain effective and keep killing bed bugs. Be sure to carefully read and follow label directions .
- Manage the Environment: Eliminate clutter. Launder bedding and clean furniture routinely. Vacuum often and thoroughly. Thoroughly inspect purchased furniture before bringing it home, especially if it was purchased used. Avoid purchasing used furniture. Monitor previously infested or likely to be infested sites daily. Remove evidence of previous infestations. Restart treatment process if necessary.

Bed bugs are typically transported from place to place as people travel, so it is important to take proper precautionary steps when traveling. Also make sure any visiting guests are not transporting bed bugs in their luggage.

# • Prior to Travel:

- O DO Spray luggage and allow to dry completely with a product registered to treat bed bugs [and bed bug eggs] and for use on luggage.
- DO Pack clothing and other items in sealable plastic bags. Bring extra resealable plastic bags for soiled clothing.

# • At Hotel/Destination:

- DO check for signs of bed bugs by examining the cracks and crevices of the mattress, box spring, sheets, bedding, headboard, nightstand & dresser drawers, desks, chairs, and other furniture; behind wallpaper and pictures; in clocks and other electronics; in cracks in wood floors; and under the edge of the carpet. Carrying a small flashlight such as the [insert product name here] will help you quickly and thoroughly inspect for signs.
- o DO change rooms immediately, or change hotels entirely, if you identify bed bugs in your hotel room.
- o DO NOT put your suitcase on the bed. Elevate all luggage off the floor using a luggage rack (inspect first), tabletop or other hard surface. The best place is in the bathroom, especially the tub.
- o DO NOT unpack your suitcase contents into dressers.
- DO check clothes hangers thoroughly before unpacking. Bed bugs hide in the cracks and crevices of hangers so a thorough inspection is necessary before hanging up clothes, especially if the hangers are wooden.
- o DO re-pack luggage contents into sealable plastic bags so you can throw them directly in the dryer when you return home to kill any bed bugs or eggs that may be nestled in the clothing.

# • Returning Home:

- o DO NOT unpack luggage inside. Unpack luggage outside, or in a garage, laundry room or utility room.
- DO remove the items you placed in plastic bags at the hotel, and throw them immediately into the dryer, set on the highest heat setting the fabric can withstand to kill any bed bugs or their offspring that may be nestled in the items.
- o DO inspect luggage and clothing for signs of bed bug activity. If signs are found, treat luggage by vacuuming, laundering (scrubbing with hot, soapy water) and/or insecticides.
- DO store luggage in sealed bags and keep them in a closet or garage. If you are exposed to a bed bug infestation, there is no reason to throw out your luggage and clothing unless your infestation is severe.
   The key is to contain all items suspected of carrying bed bugs in plastic bags until you can treat them.

These steps are very important, and must be done carefully, consistently and cyclically. Bed bugs are resilient creatures that will not go away without intervention.

A comprehensive, continuous cycle of Detection  $\rightarrow$  Treatment  $\rightarrow$  Prevention is the key to gaining control.