



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 11 2006

Jon C. Wood  
Amvac Chemical Corp.  
4695 MacArthur Court, Suite 1250  
Newport Beach, CA 92660-1706

Subject: Dichlorvos (DDPV) Label Amendments  
ALCO® Small No Pest Strip (EPA Reg. No. 5481-338)  
AMVAC® Small Insect Strip (EPA Reg. No. 5481-344)  
ALCO® Small Pest Strip (EPA Reg. No. 5481-348)  
AMVAC® Large Insect Strip (EPA Reg. No. 5481-532)  
AMVAC® Large Pest Strip (EPA Reg. No. 5481-531)  
ALCO® Large No Pest Strip (EPA Reg. No. 5481-533)  
Your applications submitted October 2, 2006

Dear Mr. Wood:

The amendments referred to above, submitted in connection with registration under Section (3) (c) (7) (a) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable subject to the comments and terms for conditional registration listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the products for shipment. A stamped copy of the label is enclosed for your records.

1. You will submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3 (c) (5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. You agree that the subject amendments are conditional under the same terms and conditions as stipulated in the May 9, 2006 letter (Ref. Wintemute to Rossi).

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If you have any questions regarding this action, please contact me at (703) 305-6100.

Sincerely,

A handwritten signature in black ink, appearing to read 'G. LaRocca', written in a cursive style.

George T. LaRocca  
Product Manager (13)  
Insecticide Branch  
Registration Division (7505P)

Enclosure

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ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

OCT 11 2006

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
5401-374

# AMVAC SMALL INSECT STRIP

\*Alternate descriptive words that may be used for "strip" on this label are "unit" and/or "bar".

**Kills Flying and Crawling Insect Pests as Listed. Long-Lasting, 'Round-the-Clock' Protection.  
Solid Strip Formula Kills Flies, Moths, Mosquitoes, Gnats, Cockroaches, Silverfish, Spiders  
and Other Insects as Listed.**

**Within Homes, Use Only in Closets, Wardrobes, and Cupboards. Also for Use in Storage Units,  
Garages, Attics, Crawl Spaces, Boathouses, Museum Collections, Garbage Cans, Trash  
Dumpsters, Animal Buildings, Milk Rooms, Catch Basins, Bulk Raw Grain, Storage Bins, Enclosed  
Utility Boxes, Reptile Houses and Terrariums.**

## HOUSEHOLD USES

"A Clothes Moth Killer" – "Use as a Moth Killer"

"A Small Space Insect Killer"

"A Fly Killer" – "Use as a Fly Killer"

*(Optional or Alternate wording)*

Controlled release (technology) ♦ Continuous (slow) release technology (action) ♦ Sustained release  
(technology) ♦ Small Space Bug Killer ♦ Moth Killer ♦ Kills Flying and Crawling Insects as listed ♦ Long-  
Lasting, Round-the-Clock Protection ♦ Convenient, Ready To Use ♦ Simply remove from package to  
begin controlling action ♦ Solid Unit Formula Kills Flies, Moths, Cockroaches, Silverfish, Spiders, and  
Other Insects as listed ♦ Use in specified areas within Garages ♦ Use Only in closets, wardrobes and  
cupboards within homes ♦ Garbage Cans and Storage Bins ♦ Unscented - No Unpleasant Odor ♦ Leaves  
No Odor ♦ Clean, Odorless, deep penetrating vapor (action) ♦ No-mess vapor technology ♦ Leaves no  
mess (residue) ♦ Kills Moths ♦ A Clothes Moth Killer ♦ Non-staining ♦ Will not damage natural or synthetic  
materials ♦ Use as a Moth Killer ♦ A Small Space Insect Killer ♦ One Unit (10.5 g) will treat up to 100 cubic  
feet ♦ One Unit (10.5 g) treats up to 100 cu. ft. ♦ One Unit (10.5 g) will treat a closet up to 100 cubic feet  
♦ One Unit (5.25 g) will treat up to 50 cubic feet ♦ One Unit (5.25 g) treats up to 50 cu. ft. ♦ Keeps  
protecting (insects out) for up to 4 months ♦ Works up to 4 months ♦ Long term (enclosed) space  
protection ♦ Continuous (insect) protection for up to 4 months ♦ Keeps killing up to 4 months ♦ Lasts up to  
4 months ♦ Kills up to 4 months ♦ One strip treats up to 1200 cu ft (A space 8'x 10' x 15') ♦ Just hang or  
stand up in garages - Sheds - Attics

**How it works:** The Amvac Small Insect Strip utilizes controlled release technology to slowly diffuse a  
deep penetrating vapor in enclosed spaces for up to 4 months. The clean, odorless vapor is evenly  
distributed throughout the enclosed treatment area, killing visible and hidden insects on contact and  
preventing new insect infestations (while you're away)

## ACTIVE INGREDIENTS:

Dichlorvos (2,2-dichlorovinyl dimethyl phosphate).....18.6%

Related Compounds.....1.4%

**INERT INGREDIENTS:**.....80.0%

Total 100.0%

## KEEP OUT OF REACH OF CHILDREN CAUTION

See Back Panel for Additional Precautions/See Back for Additional Precautionary Statements  
EPA Reg. No. 5481-344 EPA Est. No. 68643-GBR-001

Net Weight:

Three Sizes Available - See Chart for Space Treated with Each Size  
5.25 g (0.9 oz), 10.5 g (0.37 oz), 16 g (0.56 oz)

## AMVAC Chemical Corporation

4100 East Washington Boulevard Los Angeles, California 90023, USA

[www.amvac-chemical.com](http://www.amvac-chemical.com)

1-323-264-3910

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## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION:** Do not get in mouth. Harmful if swallowed. 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 strip. Do not use in hospitals or clinic rooms, such as patient rooms, wards, nurseries, operating or emergency areas. Do not use in kitchens (except cupboards), restaurants or areas where food is prepared or served. Not to be taken internally by humans or animals.

### FIRST AID

If on skin or clothing.	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a Poison Control Center or doctor for treatment advice.</li> </ul>
If in eyes:	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a Poison Control Center or doctor for treatment advice.</li> </ul>
If swallowed.	<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>• Do not induce vomiting unless told to do so by a Poison Control Center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
Have 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: Transportation: CHEMTREC. 1-800-424-9300 Other: AMVAC 1-323-264-3910	

## 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. Remove pre-assembled ALCO PEST STRIP from sealed bag when ready to use. Place (*Hang*) in desired location away from windows and out of reach of children and pets. (*To apply strips to vertical surfaces, use the enclosed stickers*) Drafts, weather and other conditions may affect the performance, but treatment usually lasts for four (4) months (*One \_\_\_\_g strip will treat \_\_\_\_ cu ft*). Record the date of installation and replace with a new, fresh, full-strength strip at the end of four (4) months or when effectiveness diminishes. Do not use in the food/feed processing or food/feed manufacturing or food/feed service establishments. Non-food/feed areas of these establishments where the product can be used are areas such as garbage rooms, lavatories, floor drains (to sewer) entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, utility equipment, garages, mop closets, and product storage (after canning or bottling). This product controls flies, gnats, mosquitoes, moths, silverfish, cockroaches, spiders, beetles, and earwigs and other insects as listed.

Only available in the following sizes. 16 gram (0.56 oz), 10.5 gram (0.37 oz) and 5.25 gram (0.19 oz) pest strip sizes.

Within homes, use only in closets, wardrobes, and cupboards. Also for use in storage units, garages, attics, crawl spaces, boathouses, museum collections, garbage cans, trash dumpsters, animal buildings, milk rooms, catch basins, bulk raw grain, storage bins, enclosed utility boxes, reptile houses, and terrariums.

### HOUSEHOLD, INDUSTRIAL, AND COMMERCIAL USES

**Homes (for use only in closets, wardrobes, and cupboards), Garages, Storage Units, Attics, Crawl Spaces, Boathouses**

Controls flies, mosquitoes, gnats and other insects as listed.

Assembly  
Instructions for  
Pre-Assembled  
Strip  
1. Gently squeeze  
edges of holder  
to open ends of  
unit.  
2. Press in bottom  
locking tabs to  
prevent strip  
from sliding out  
of holder.  
3. Without  
damaging the  
strip inside,  
carefully cut  
open the  
envelope with  
scissors. Slide  
bar into the  
holder at the  
top.  
4. Press in top  
locking tabs to  
secure strip  
inside holder.  
5. To hang, attach  
metal hook  
through hold of  
unit.

### Garbage Cans, Trash Dumpsters

For control of flies in garbage cans and dumpsters, attach appropriate sized strip (One \_\_\_\_ g strip treats \_\_\_\_ to \_\_\_\_ cu. ft.) inside can or dumpster. Keep lid on can and dumpster closed.

### Animal Buildings

Controls flies, mosquitoes and gnats in horse barns, calf parlors, hog parlors, stables, poultry houses, tack rooms and dog kennels. Do not contaminate food, water or foodstuffs. DO NOT contaminate milk or milking equipment.

### Milk Rooms

Controls flies, mosquitoes and gnats in milk rooms and bulk storage rooms. DO NOT contaminate milk or milking equipment.

### Agricultural Commodities

Bulk storage of raw grains such as corn, soybeans, cocoa beans and peanuts. For control of stored product insects including Almond Moths, Cocoa Moths, Indian Meal Moths, and Mediterranean Flour Moths infesting non-perishable bulk-stored raw agricultural commodities. Calculate cubic feet of air space above the commodity to determine the number of strips required for treatment. Treat in early Spring before moths begin to emerge. Replace strip when needed to prevent egg laying by moths. Hang strips so as not to impede air circulation. When multiple strips are required, distribute them uniformly over the treated space.

### Catch Basins

To control mosquitoes breeding in catch basin, suspend one strip about ten inches above water level. Use a size appropriate for the space being treated: one (1) 5.25 g strip per 25 to 50 cu. ft. or one (1) 10.5 g strip per 50 to 100 cu. ft. or one (1) 16 g strip to treat 100 to 200 cu. ft. Usual control lasts 10 to 15 weeks.

### Enclosed Utility Boxes

To control Fire Ants, Wasps and other insects as listed which commonly infest utility enclosures, cabinets, conduits, junction boxes, enclosed electrical panels and motor control rooms. Remove from sealed bag and hang or stand so air can contact all sides of the strip. Use a size appropriate for the space being treated: one (1) 5.25 g strip per 25 to 50 cu. ft. or one (1) 10.5 g strip per 50 to 100 cu. ft. or one (1) 16 g strip to treat 100 to 200 cu. ft. of enclosed space for utility equipment such as communications equipment, electric, gas, water and cable television. Record installation date and replace when effectiveness diminishes.

### Reptile Houses and Terrariums

For control of mites on reptiles. **In Reptile Houses:** Hang appropriate number of 16 g strips per 200 cu. ft. for the space to be treated. Do not over treat. **In Terrariums:** Cover the top of an open terrarium having a minimum size of 10 cubic feet with a wire screen and place a caged 10.5 or 16 g strip on the screen for 48 hours. Make sure that the reptiles cannot touch or contact the strip. Remove the strip after the treatment interval.

### How much space will one strip treat?

Strip Size	Treats	Approx. Equivalent to Area Measuring
5.25 grams	25 to 50 cu. ft.	4' x 3' x 2' = 24 cu. ft. 8' x 3' x 2' = 48 cu. ft.
10.5 grams	50 to 100 cu. ft.	8' x 6' x 2' = 96 cu. ft.
16 grams	100 to 200 cu. ft.	8' x 8' x 3' = 192 cu. ft.

Always use the appropriate size and number of strips for the space being treated. If more than one is required, distribute them over the space equally.

### HOUSEHOLD USES

#### Use only in Closets, Wardrobes, and Cupboards

Gives continuous protection against moths, silverfish, cockroaches and other insects as listed in closets, wardrobes and cupboards for up to four (4) months and leaves no smell (odor). Remove strip from sealed bag and hang or stand on wardrobe or closet rail, ensuring that strip does not contact clothes or fabrics and that air can circulate around the strip. (One \_\_\_\_ g strip will treat a space of \_\_\_\_ to \_\_\_\_ cubic feet). One 5.25 g strip will treat a space of 25 to 50 cu. ft. One 10.5 g strip will treat a space of 50 to 100

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cu ft Use one 16 g strip to treat 100 to 200 cu. ft. for up to four (4) months. If more than one is required, distribute them over the space equally. Keep the space closed. Record the date of installation so that the old strip may be replaced with a new, fresh, full-strength strip at the end of the four (4) month period or when effectiveness diminishes.

Do not use more than the number of strips recommended for the space to be treated. Do not use where unwrapped food is stored or allow the strip to come into contact with food or cooking utensils. Do not allow children or pets to play or sleep in these areas when treatment is in progress.

### **Attics, Garages, and Enclosed Crawl Spaces**

Kills flies and other insects as listed for up to four (4) months. Remove from sealed bag and hang or stand, out of reach of children and pets, in an open space of an enclosed area, away from windows. Calculate cubic feet of air space to determine the number of strips required for treatment. Hang strips so as not to impede air circulation. When multiple strips are required, distribute them uniformly over the treated space. Record the date of installation so that the old strip may be replaced with a new, fresh, full-strength strip at the end of the four (4) month period or when effectiveness diminishes.

### **STORAGE AND DISPOSAL**

**Storage:** Do not contaminate water, food or feed by storage or disposal. Do not open or remove from package before ready to install. Store in a cool dry place. **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.

### **LIMITED WARRANTY AND DISCLAIMER**

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) 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.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. 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. 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.

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 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. IN NO EVENT, SHALL MANUFACTURER OR SELLER 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.

**Proposition 65: Warning: This product contains a chemical known to the State of California to cause cancer. [OPTIONAL FOR USE IN CALIFORNIA]**

AMVAC Chemical Corporation  
4100 E. Washington Boulevard  
Los Angeles, CA 90023 U.S.A.  
www.amvac-chemical.com  
1-323-264-3910

# **MARKETING CLAIMS:**

**How it works:** The Amvac Small Insect Strip utilizes controlled release technology to slowly diffuse a deep penetrating vapor in enclosed spaces for up to 4 months. The clean, odorless vapor is evenly distributed throughout the enclosed treatment area, killing visible and hidden insects on contact and preventing new insect infestations (while you're away)

Controlled release (technology) • Continuous (slow) release technology (action) • Sustained release (technology)

Kills flying and crawling insects as listed • Leaves No Odor • Clean, Odorless, deep penetrating vapor (action) • No-mess vapor technology • Leaves no mess (residue) • Non-staining • Will not damage natural or synthetic materials • Lasts up to four (4) months Keeps protecting (insects out) for up to 4 months • Works up to 4 months • Long term (enclosed) space protection • Continuous (insect) protection for up to 4 months

(Just) Hang or stand up in: Homes (for use only in closets, wardrobes, and cupboards), Garages, Storage Units, Attics and more (others)\*

\*See back for details

## **PRODUCT FACTS**

### **What It Does:**

Kills Flying and Crawling Insects including:  
Flies, Gnats, Mosquitoes, Moths, Silverfish,  
Cockroaches, Spiders, Beetles, Earwigs and  
other listed insects

### **Where to Use:**

Garages, Storage Units, Enclosed Crawl Spaces

### **Questions & Comments:**

Call [telephone number] or visit our website at [web address]

## **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

Remove pre-assembled (*product name*) from sealed bag when ready to use Place in desired location away from windows and out of reach of children and pets Drafts, weather and other conditions may affect the performance, but treatment usually lasts for four (4) months. One 16 g strip will treat 100-200 cu. ft Record the date of installation and replace with a new, fresh, full strength strip at the end of four (4) months or when effectiveness diminishes. Do not use in food/feed processing or food/feed manufacturing or food/feed service establishments. Non-food/feed areas of these establishments where the product can be used are areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and product storage (after canning or bottling) This product controls flies, gnats, mosquitoes, moths, silverfish, cockroaches, spiders, beetles, earwigs, and other insects as listed.

## **WHERE TO USE**

FOR USE IN THE FOLLOWING:

### **GARAGES, ATTICS, CRAWL SPACES, BOATHOUSES**

Controls flies, mosquitoes, gnats and other insects as listed

### **WITHIN HOMES, USE ONLY IN CLOSETS, WARDROBES, AND CUPBOARDS. ALSO FOR USE IN STORAGE UNITS AND STORAGE BINS.**

Gives continuous protection against moths, silverfish, cockroaches and other insects, as listed, in closets, wardrobes, cupboards, storage units and storage bins for up to four (4) months and leaves no odor. Remove strip from sealed bag and hang or stand on wardrobe or closet rail, ensuring that the strip does not contact clothes or fabrics and that air can circulate around the strip. Keep the space closed. One 16 g strip will treat a space of 100-200 cu. ft for up to four (4) months. If more than one is required, distribute them over the space equally. Record the date of installation so that the old strip may be replaced with a new, fresh, full strength strip at the end of the four (4) month period or when effectiveness diminishes.

Do not use more than the number of strips recommended for the space to be treated Do not use where unwrapped food is stored or allow the strip to come into contact with food or cooking utensils. Do not allow children or pets to play or to sleep in these areas when treatment is in progress

### **GARBAGE CANS AND TRASH DUMPSTERS**

For control of flies in garbage cans and dumpsters, attach appropriate sized strip (One 16 g strip treats 100-200 cu. ft.) inside can or dumpster Keep lid on can and dumpster closed.

**ATTICS, GARAGES, AND ENCLOSED CRAWL SPACES****FOR USE AS A FLY KILLER**

Kills flies and other insects as listed for up to four (4) months. Remove from sealed bag and hang or stand, out of reach of children and pets, in an open space of an enclosed area, away from windows. One 16 g will treat 100-200 cu. ft. which is about equal to an average room 8' x 8' with a 3-foot ceiling for up to four (4) months. In a larger room if more than one strip is required, keep them at least 10 feet apart. Record the date of installation so that the old strip may be replaced with a new, fresh, full strength strip at the end of the four (4) month period or when effectiveness diminishes.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

**GUARANTEED RESULTS OR YOUR MONEY BACK**

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 original dated store receipt showing the price you paid. Please allow 6-8 weeks for processing.