



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460

EPA Reg. Number: 5481-556  
Date of Issuance: JUN 13 2008

Term of Issuance: Conditional

Name of Pesticide Product: Wisdom 0.10% Granular Insecticide

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code):  
Amvac Chemical Corporation  
4695 MacArthur Court, Suite 1250  
Newport Beach, CA 92660

~~Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA registration number.~~

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is **conditionally** registered in accordance with FIFRA sec. 3(c)(7)(A), provided that:

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 will make the following label changes before you release the product for shipment:
  - a) Revise the EPA Registration Number to read "EPA Reg. No. 5481-556."
  - b) Under Storage and Disposal delete the Homeowner Container disposal since this product is labeled for registered licensed applicators.
  - c) Change "should" to "must" in statement, Dealer should sale product in original packages only or delete the statement.
3. Based on the physical characteristics of this product, a granular, and the low (0.1%) percentage of active ingredient we grant your request for a waiver of the acute inhalation study.
4. Note that the container disposal instructions for pesticide products have been revised in accordance with PR Notice 2007-4. Please revise these statements in accordance with this PR Notice.

Signature of Approving Official:  
*George T. LaRocca*  
George T. LaRocca, Product Manager (13)  
Insecticide Branch/Registration Division (7505C)

Date:  
*June 13, 2008*

Enclosure

5. Generate and submit the results of an one year storage stability and corrosion characteristics study to the Agency on completion. It is recommended that the observations be made at 0, 3, 6, 9, and 12 months intervals.
6. Within 30 days submit a copy of the enforcement analytical method to the EPA Analytical Laboratory at the following address:

EPA Analytical Laboratory  
701 Mapes Road  
Ft. Meade, MD 20755-5350

7. Please submit three (3) copies of your final printed labeling before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

# WISDOM 0.10% GRANULAR INSECTICIDE

FOR USE BY INDIVIDUALS/FIRMS LICENSED OR REGISTERED BY THE STATE TO APPLY INSECTICIDE PRODUCTS.

FOR USE TO CONTROL ANTS (INCLUDING IMPORTED FIRE ANTS), MOLE CRICKETS AND OTHER PESTS ON LAWNS IN LANDSCAPED AREAS AND PERIMETERS AROUND RESIDENTIAL, INSTITUTIONAL, PUBLIC, COMMERCIAL AND INDUSTRIAL BUILDINGS, PARKS, RECREATIONAL AREAS, AND ATHLETIC FIELDS.

**ACTIVE INGREDIENT:**

Bifenthrin\* ..... 0.10%

**OTHER INGREDIENTS:** ..... 99.90%

**TOTAL:** ..... 100.00%

\* *Cis* Isomers 97% min.; *trans* isomers 3% max.

## KEEP OUT OF REACH OF CHILDREN

### CAUTION

FIRST AID	
<b>If in eyes</b>	<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 advise.</li> </ul>
EMERGENCY INFORMATION	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-264-3910 or Chemtrec; 1-800-424-9300 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
This product is a pyrethroid. If large amounts have been ingested, milk, cream and other digestible fats and oils may increase absorption and so should be avoided.	

SEE INSIDE FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg No. 5481-\_\_\_\_\_

EPA Est. No. \_\_\_\_\_

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
JUN 13 2008**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
5481-556

**AMVAC**  
4100 E. Washington Blvd.  
Los Angeles, CA 90023 U.S.A  
1-323-264-3910  
• [www.amvac-chemical.com](http://www.amvac-chemical.com)

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & Domestic Animals**

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

**ENVIRONMENTAL HAZARDS:** This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

**Additional Precautions when Used in the State of New York:**

In New York State this product should not be applied to any grass or turfgrass within 100 ft of a water body (lake, pond, river, stream, wetland, drainage ditch). In New York State, make only a single repeat application if there are signs of renewed insect or pest activity, but no sooner than 2 weeks after the first application.

**GUARANTEED ANALYSIS**

X-X-X

**Major nutrients:**

Total Nitrogen (N)* .....	x.xx%
x.xx% Nitrogen (as Ammonia)	
x.xx% Nitrogen (as Nitrate)	
x.xx% Nitrogen (as Urea)	
x.xx% Water Insoluble Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	x.xx%
Soluble Potash (K <sub>2</sub> O) .....	x.xx%

**Macronutrients:**

Calcium (Ca) .....	x.xx%
Magnesium (Mg) .....	x.xx%
x.xx% Water Soluble Magnesium (Mg)	
Sulfur (S) .....	x.xx%
x.xx% Combined Sulfur (S)	

**Micronutrients:**

Boron (B) .....	x.xx%
Total Copper (Cu) .....	x.xx%
Total Iron (Fe) .....	x.xx%
Total Manganese (Mn) .....	x.xx%
x.xx% Water Soluble Manganese (Mn)	
Molybdenum (Mo) .....	x.xx%
Total Zinc (Zn) .....	x.xx%

**Other Micronutrients :**

XX .....	xx%
XX .....	xx%

**Other:**

Chlorine (Cl), not more than .....	x.xx%
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Derived from: \_\_\_\_\_

\*x.xx% slowly available nitrogen from \_\_\_\_\_

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production or research purposes.

Not for use on golf courses, sod farms, nurseries, commercial greenhouses or grass grown for seed. Do not apply this product within 25 ft of lakes, reservoirs, rivers, permanent streams, marshes, natural ponds or commercial fish ponds.

Best results are obtained if the areas are thoroughly watered soon after application.

Do not allow children or pets in treated areas until surfaces are dry.

Do not exceed 9.20 lbs of product per 1000 sq. ft. in any given year (400 lbs/acre)

**Do not apply by air**

For best results, commence treatment when the pests (listed below) first appear.

**Lawn (or Turf) & Perimeter Applications:**

*Perimeter application:* Apply to lawn (or turf) area in a uniform band 6 to 10 ft. wide around and adjacent to structures to help prevent entry of insects into homes or buildings. Use at the rate of 2.30 lb to 4.60 lb. per 1,000 sq. ft depending on pest to be treated.

*Lawn (or turf) application:* Broadcast this product with suitable application equipment which is properly calibrated to ensure uniform coverage over the treatment area. Best results are obtained when two applications at half rates are made perpendicular to each other. Apply 2.30 lb to 4.60 lb. per 1,000 sq. ft. to control the following pests:

**Pest List and Use Rates:**

- *To control Annual bluegrass weevil adults (Hyperodes sp.), Armyworms, Billbug adults, Black turfgrass ataenuis adults, Cutworms, Mealybugs, sod webworms and European crane fly, use at the rate of 2.30 lbs/1000 sq. ft.*
- *To control Ants, Centipedes, Chiggers (Red bugs), Chinch bugs, Fire ants, Fleas, Imported fire ants, Leafhoppers, Millipedes, Mole crickets, Ticks, Pillbugs and Sowbugs,, use at the rate of 4.60 lbs/1000 sq. ft.*

*Note: To improve overall control of Imported fire ant colonies, combine broadcast treatments with appropriate products approved for fire ant mound applications.*

**READ ENTIRE LABEL BEFORE USING**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties, and Limitation of Liability before using this product. If the terms are not acceptable, return the unopened container at once. By using this product, user and buyer accept the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**Spreader Suggestions:**

The spreader settings indicated below are approximate and should only be used as a guide. Age and conditions of spreader (especially if parts are worn out) and walking speed can cause variation in application rate. Prior to each use, equipment calibration is recommended. Close spreader hopper and adjust the setting using the suggested settings chart below. If not indicated below, carefully follow spreader manufacturer's recommendations to obtain accurate spread rates.

Always fill Spreader on a hard surface to eliminate the chance of spillage on the lawn and close spreader hopper when stopping or turning.

Drop Spreaders:

Yard Star 75350.... xx  
Republic EZ7.....xx

Precision FH22....xx  
Scotts Acugreen....xx

Broadcast Spreaders

Yard Star 7450...xx  
Republic EzGROW 75450...xx  
Scotts Speedygreen 740 .....xx

Precision SB50P...xx  
Scotts Easygreen 745...xx

**Suggested Spreader Settings:**

Spyker 24-22 Rotary	XX	XX
Lesco Rotary	XX	XX
Earthway 2400 Rotary	XX	XX
Cyclone Pro	XX	XX
Scotts R8A	XX	XX
Lely Broadcast	XX	XX
Bigfoot	XX	XX

**Storage & Disposal**

**Prohibitions:**

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

**Storage:** Store product in its original closed container in a cool, dry place out of reach of children and animals. Carefully open containers and after partial use, close tightly. Avoid excessive heat.

If spill, avoid contact. Isolate spills, sweep up, and use as directed on this label.

**Pesticide Disposal:** Wastes resulting from a spill or from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Completely empty bag into equipment and use as directed. Do not re-use empty bag. Dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**HOMEOWNER CONTAINER DISPOSAL:** If empty: Fold bag and discard in trash. If partially filled: Use as directed or call your local waste agency or 1-800-CLEANUP for disposal instructions. Never discard unused product down any 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. TO THE EXTENT CONSISTANT WITH APPLIABLE 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. 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**

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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 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 CONSISTANT 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.

Dealers should sell product in original packages only.

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

Contents of a XX lb bag will treat up to x,xxx sq. ft.  
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