



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:
7946-27

Date of
12/20/05

Term of Issuance:
Conditional

Name of Pesticide Product:
Abacide 2

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

J. J. Mauget Co.
5435 Peck Rd.
Arcadia, CA 91006

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 you:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes before you release the product for shipment:
 - a. Revise the EPA Registration Number to read "EPA Reg. No. 7946-27."
 - b. In the Precautionary Statements, Personal Protective Equipment (PPE) box, change "shoes plus socks" to read "chemical resistant footwear plus socks."
 - c. Move the following existing text from the Precautionary Statements section to the Directions for Use section:
"Restrictions
Do no inject trees that are less than two inches in diameter. This product is NOT to be used on trees which will produce food within the year following treatment."

(continued on next page)

Signature of Approving Official:

Thomas C. Harris, Biologist
Insecticide-Rodenticide Branch
Registration Division (7504C)

Date:

12/20/05

- d. In the Directions for Use section, delete the Agricultural Use Requirements and Non-Agricultural Use Requirements boxes. While the product is used on sites that would normally require these boxes products that are applied via injection are specifically exempted from the Worker Protection Standards (see 40 CFR 170.103).
 - e. Add the following to the Directions for Use section. This repeats information stated in the Precautionary Statements, Environmental Hazards concerning toxicity to bees.
"Due to toxicity to bees, use for tree micro-injection only as post-bloom application."
3. Submit two copies of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the label stamped "accepted with comments" is enclosed for your records.

Mauget®

ABACIDE™ 2

2 ml.

EPA REG. NO. 7946-//
EPA EST. NO. 7946-CA-1

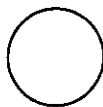
The registered label shall be in the possession of the user during application.

**KEEP OUT OF REACH OF CHILDREN
WARNING**

ACTIVE INGREDIENT:

ABAMECTIN	1.9%
OTHER INGREDIENTS:.....	98.1%
TOTAL.....	100.0%

Made in U.S.A. J.J. Mauget Co.
5435 Peck Road
Arcadia, CA 91006-5847



Net Contents 2 ml. or 0.07 fl. oz.

BACK GROUND COLOR: PANTONE 182

PRINT COLOR: PANTONE 2935

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
DEC 20 2005**

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

7946-27

Mauget® ABACIDE 2™

**Systemic Miticide / Insecticide in Ready to Use Capsules
For Tree Injection Use For Seasonal Suppression of
Certain Mites / Insects of Ornamental / Other Trees
For Use By Professional Applicators**

MFG. BY: J.J. MAUGET CO.
TOWN, STATE: ARCADIA, CA 91006
EPA ESTABLISHMENT NO: 7946-CA-1
EPA REGISTRATION NO: 7946-__

ACTIVE INGREDIENT:
Abamectin (CAS # 65195-54-4 and 65195-55-3).....1.9%
OTHER INGREDIENTS..... 98.1%
TOTAL; 100.00%
1 gallon contains 0.15 lb abamectin

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	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Do not give any liquid to the person. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF IN EYES	<ul style="list-style-type: none"> • Hold 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 OR CLOTHING	<ul style="list-style-type: none"> • 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.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-535-5053 for emergency treatment information.

NOTE TO PHYSICIAN

Early signs of intoxication include dilation of pupils, muscular incoordination, and muscular tremors. Toxicity following accidental ingestion of Abacide 2 can be minimized by early administration of chemical absorbents (e.g., activated charcoal). If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parental fluid replacement therapy should be given, along with other required supportive measures (such as maintenance of blood pressure levels and proper respiratory functionality) as indicated by clinical signs, symptoms, and measurements. In severe cases, observations should continue for at least several days until clinical condition is stable and normal. Since abamectin is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic abamectin exposure.

Net Contents:

- _____ 288 capsules @ 0.07 oz. (2 mL) each, 19.5 oz. (576 mL) net;
288 feeder tubes
- _____ 24 capsules plus 24 feeder tubes per carton
- _____ 24 capsules @ 0.07 oz. (2 mL), 1.62 oz. (48 mL) net
- Shipping box: 12 cartons as above.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

May be fatal if swallowed. Causes substantial but temporary eye injury. Do not get in eyes. Harmful if absorbed through skin or inhaled. Avoid contact with skin or clothing. Avoid breathing vapors.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. For more options, follow the instructions for Category B on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- Coveralls over short-sleeved shirt and short pants.
- Chemical-resistant gloves, such as barrier laminate or butyl rubber ≥ 14 mils.
- Shoes plus socks.
- Protective eyewear.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users Should:

- Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.
- Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

For terrestrial uses. This pesticide is toxic to fish and wildlife. Do not contaminate water when disposing of equipment wash water or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops. Use for tree micro-injection only as post-bloom application.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame

RESTRICTIONS

Do not inject trees that are less than two inches in diameter. This product is NOT to be used on trees which will produce food within the year following treatment.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal of micro-injection capsules. Do not reuse micro-injection capsules.

STORAGE: Store in a cool, dry place out of the reach of children. Store capsules in an upright position in closed carton. Keep out of direct sunlight when possible.

PESTICIDE DISPOSAL: Dispose of partially used capsules at an approved waste disposal facility.

CONTAINER DISPOSAL: Dispose of empty capsules in a sanitary landfill or by incineration if approved by State and local authorities.

NOTICE OF WARRANTY

J.J. Mauget Co. makes no warranty regarding merchantability, fitness for any purpose or otherwise, expressed or implied, concerning this product or its uses which extend beyond the use of the product under normal conditions in accordance with the statements made on this label.

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Received at EPA via email 12/13/05

DIRECTIONS FOR USE

5/5

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR 170. This standard contains requirements for the protection of agricultural workers on farms, forest, nurseries and greenhouses, and the handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

ABACIDE 2 insecticide is intended for use by commercial Arborists (applicators) on forest, woodlands, Christmas and ornamental trees for control of **SPIDER MITES, LEAF MINERS, ELM LEAF BEETLE, SYCAMORE LACE BUG AND LEPIDOPTERA INSECTS such as FALL WEB WORM and EASTERN TENT CATERPILLAR**. It can also be applied in commercial or residential landscapes, interior and exterior plantscapes and other areas where ornamental trees and woody shrubs are grown.

1. The MAUGET SYSTEM

- (A) Mauget compressible capsule with insert hole.
- (B) Feeder tube with flanged gun-sight and opposite tapered beveled end

2. TOOLS

- (A) Portable Electric Drill
- (B) 11/64 in. (0.4 cm) drill bit
- (C) Plastic Mallet.
- (D) Tape Measure
- (E) Insertion tool (optional)

3. NUMBER OF CAPSULES

Measure the tree at chest height in inches. If measuring the circumference, divide this number by six (6) to determine the number of capsule needed. If measuring the diameter, divide this number by 2 (two) to determine the number of capsule needed. If the number of capsule results in a fraction, round down to the lower whole number.

Trees in advanced stages of insect infestation, may not respond to treatment. The health, species of the tree and the environmental conditions will determine the rate of uptake.

4. PRESSURIZING THE CAPSULES

Apply the appropriate amount of pressure on the top of the capsule in order to compress.

5. DRILLING THE TREE HOLE

It is recommend to Predrill spaced injection sites at a slight downward angle at the root flair/buttruss area (approximately 6.0 to 8.0 in., 15 to 20 cm) above ground level, using a clean 11/64 in. (0.4 cm) drill bit (except monocotyledons, conifers etc.). Drill to a depth of 3/8 to 1/2 in. (0.95 to 1.3 cm) into healthy xylem tissue under the bark. For mini-micro feeder tube, see Step 10. Disinfect drill bit, insertion tool (if used) as well as mini-micro insertion tool prior to use on each tree.

6. TREE HOLE DEPTH

It is important that the feeder tube be set to the proper depth in the conductive xylem tissue. If set too deeply, flow is restricted by blockage in the heartwood; if set too shallow, leakage may occur. The feeder tube dispensing end is beveled to allow for a 1/4 in. plus tolerance.

7. COMBINING CAPSULE AND FEEDER TUBE

Several methods of combining the capsule with the feeder tube are acceptable including placing by hand, the feeder tube's flange end, with the flange notch upward, into the capsule insert hole of a compressed upright capsule. Push the flange end of the feeder tube flush with the membrane located at the inner end of the insert hole.

8. PLACING THE FEEDER TUBE IN THE TREE

Firmly seat the beveled, dispensing end of the feeder tube, with the attached upright capsule, into the pre drilled tree injection hole. Tap the rear side, opposite the insert hole of the capsule with a mallet. This action will simultaneously seat the feeder tube in the injection hole while breaking the capsule membrane for releasing the capsule contents into the feeder tube and into the tree. Another method is to place the feeder tube in the pre drilled hole of the tree using the optional insertion tool. Then place the compressed capsule onto the feeder tube in place.

9. REMOVAL

Uptake in the tree usually occurs within several minutes. Capsules may be temporarily rotated in place to see if any liquid is left. When empty, turn the capsules upside down for one minute before removal. Applicators must remove micro-injectors promptly after treatment. Empty capsules must not be left on the tree. The health and species of the tree, and local environmental conditions will determine the rate of uptake. If the capsule does not completely empty within a few hours, invert and carefully remove the capsule and enclose it in a heavy duty plastic bag for disposal in accordance with state and local regulations.

10. MINI-MICRO FEEDER TUBE

For established trees with thin bark (less than 3/8 in. Thickness), use a 7/64 in. drill bit to produce a micro-injection site for a mini-micro feeder tube. Use of the Mini-Micro Insertion tool is recommended.