

# Mauget® ABASOL™

Systemic Insecticide / Fungicide in Ready to Use Capsules  
For Tree Injection Use For Seasonal Supression of Certain  
Insects and Diseases of Ornamental Trees  
For Use By Professional Applicators

**ACTIVE INGREDIENT:**

Debacarb[2-(2-ethoxyethoxy) ethyl-2-benzimidazole carbamate]..... 1.70%  
Carbendazim Methyl 2-benzimidazole carbamate..... 0.30%  
Abamectin B<sub>1</sub>[A mixture of avermectins containing > 80%  
avermectin B<sub>1a</sub>(5-0-demethyl avermectin A<sub>1a</sub>) and < 20%  
avermectin B<sub>1b</sub> (5-0-demethyl-25-de(1-methylpropyl)  
-25-(1-methylethyl) avermectin A<sub>1a</sub>)]..... 0.46%  
INERT INGREDIENTS:..... 97.54%  
TOTAL 100.0%

## KEEP OUT OF REACH OF CHILDREN WARNING AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique, a usted detalle.  
(If you do not understand the label, find someone to explain it to you in detail).

FIRST AID	
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance. then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advise.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<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>
<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 advice.</li> </ul>
<b>IF SWALLOWED</b>	<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>

**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**

Recommendations for Medical Treatment for Abamectin B<sub>1</sub> Acute Toxicity:

Early signs of intoxication include mydriasis (dilated pupils), ataxia (unsteadiness), and muscle tremors. Toxicity following accidental ingestion of the concentrate can be minimized by inducing vomiting within one half hour of exposure. If toxicity from exposure has progressed to cause severe vomiting, the extent of the resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parenteral fluid replacement therapy should be given, along with other required supportive measures (such as maintenance of blood pressure levels) 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 B<sub>1</sub> is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that influence GABA activity (barbiturates, benzodiazapines, valproic acid) in patients with potentially toxic abamectin B<sub>1</sub> exposure.

## GENERAL DIRECTIONS

Measure the tree at chest height in inches. If measuring the circumference of the tree, divide this number by six (6) to determine the number of capsules needed. If measuring the diameter of the tree, divide this number by two (2) to determine the number of capsules needed. Apply the injector units around the tree at the root flare.

Consult the enclosed pamphlet "Directions for use and application of Mauget Micro-Injection System" for additional instructions. Applicators shall remove capsules promptly after treatment. Since phytotoxicity has been noted in some trees, users should inspect holes and discontinue use if phytotoxicity is observed.

Use for tree micro-injection only as a post-bloom application.

For treatment of Dutch Elm Disease and Oak Wilt:

Preventative application is more effective than therapeutic treatment in trees showing disease symptoms. Trees in advanced stages of disease development may not respond to treatment.

Healthy trees under optimum conditions will absorb the full contents promptly. Infected trees will absorb the material more slowly due to the vascular plugging caused by the disease. If Abasol is not absorbed within 24 hours, the tree is considered high risk and has a poor chance of survival.

## 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.

**STORAGE:** Store in a cool dry place out of the reach of children. Do not store below 45° F. Store capsules in an upright position in closed container. Keep out of direct sunlight when possible.

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

## DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A

MANNER INCONSISTENT WITH ITS LABELING.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Mfg. By: J.J. Mauget Co.  
Town, State: Arcadia, CA 91006  
EPA Reg. No.: 7946-20  
EPA Est. No.: 7946-CA-1

Net Contents:

— 288 capsules @ 4mL each, 1152mL net; 288 feeder tubes  
— 24 capsules plus 24 feeder tubes per carton

— 24 capsules @ 4 mL, 96mL net

Shipping box: 12 cartons as above.

1/15/2004d



**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING**

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Remove contaminated clothing and wash clothing before reuse. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment:

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C 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 polyethylene or butyl rubber or neoprene rubber or viton
- Chemical resistant footwear 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 hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and wildlife. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and 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.

**NOTICE OF WARRANTY**

J.J. Mauget Co. makes no warranty of 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 accord with the statements made on this label.

**ABASOL™**

Make application when disease first appears. Repeat treatment if disease symptoms progress. Do not repeat within 3 months of first application. Some diseases may require repeated yearly application. Therapeutic treatments are made as soon as possible after flagging branch is observed.

**ABASOL** insecticide/fungicide is for use on ornamental trees for the control of the following insects: Spider Mites, Leaf Miners, Elm Leaf Beetle, Sycamore Lace Bug, and Fall Webworm; and the following diseases:

<u>USE</u>	<u>DISEASE</u>
Alder	Ceratocystis Canker, Fusarium Wilt Physalospora (Bleeding Canker)
Arborvitae	Kabatina Branch Canker
Ash	Anthraco nose (Fall application only)
Bay Tree	Fusarium Wilt, Nectria Canker
Birch	Melanconium Dieback
Buckthorn	Nectria (Tubercularie) Canker
Camphor	Verticillium Wilt
Carob	Verticillium Wilt
Catalpa	Verticillium Wilt
Cedar	Coryneum Blight, Diplodia TipBlight Phomopsis, Kabatina
Cypress	Cedar Branch Canker
Douglas Fir	Phomopsis Canker
Elm	Cephalosporium Ulmi (Elm Wilt) Ceratocystis Ulmi (Dutch Elm Disease) Cytospora Canker, Fusarium Wilt, Vermicularia Dieback, Verticillium Wilt
Fir	Cytospora Canker
Gum (Sweet)	Ceratocystis Canker
Madrone	Thielaviopsis Decline, Fusarium Wilt
Magnolia	Ceratocystis Canker
Maple	Verticillium Wilt
Mimosa	Fusarium Perniciosum (Mimosa Wilt), Ceratocystis Canker
Mulberry (Fruitless)	Oak Wilt (Ceratocystis fagacearum) Anthraco nose, Nectria Canker, Oak Decline (Botryodiplodia, Cephalosporium, Dothiorella, Fusarium, Pestalotia, Phialophora, Verticillium)
Olive	Fusarium Wilt, Verticillium Wilt
Palm	Penicillium vermoeseni (Pink Bud Rot)
Pine	Atropellis Canker, Ceratocystis Dieback, Fusarium moniliforme F. Subglutinans (Pine Pitch Canker), Leptographium Canker
Pistachio (Non-Crop)	Verticillium Wilt
Poplar	Cytospora Canker
Redwood	Botryosphaeria Branch Canker, Coryneum Canker (Coast and Sierra)
Spruce	Cytospora Canker
Sycamore	Anthraco nose (Spring application only) Ceratocystis Canker
Walnut (Black Non-Crop)	Melanconium Dieback
Willow	Cytospora Canker