

PM 21 7946-20 3-21-97 10/8

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
255421

Application for Pesticide - Section I

1. Company/Product Number 7946-20	2. EPA Product Manager C. Welch	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Abaso1	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) J.J. Mauget Company 5435 Peck Road Arcadia, CA 91006 <input checked="" type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

See Attached Sheet

**NOTIFICATION**  
MAR 21 1997

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt. No. per container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Package wgt. No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Lawrence A. Miller	Title Consultant to J.J. Mauget Co.	Telephone No. (Include Area Code) (203) 740-1200
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamp)
2. Signature 	3. Title Consultant to J.J. Mauget Co.	
4. Typed Name Lawrence A. Miller	5. Date February 27, 1997	

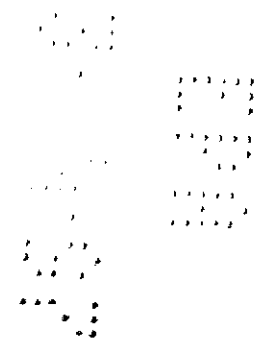
2018

Product Number: 7946-20

Product Name: Abasol™

This is a notification of the deletion of the advisory wording "except conifers" appearing in the parenthesis after "Spider Mites" on page 4 of the label per PR Notice 95-2.

This notification is consistent with the provisions of PR Notice 95-2 and the EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.



February 28, 1997

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
U.S. Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, D.C. 22202

**SUBJECT: "Abasol"; EPA Reg. No. 7946-20; Application for Pesticide Notification.**

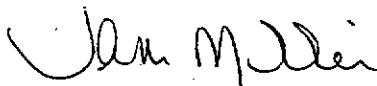
Dear Sir/Madame:

In accordance with PR Notice 95-2, enclosed is an Application for Pesticide Notification (EPA Form 8570-1) for the above mentioned product. We are proposing to delete the advisory wording "except conifers" appearing in parenthesis after "Spider Mites" on page 4 of the label. This use precaution is not necessary.

We have included one (1) copy of the current labeling with the deletion of "except conifers" noted by a red strikeout and one (1) copy of the final printed label for your files.

Should you have any questions or need additional information, please feel free to contact our office at (203) 740-1200.

Sincerely,



Jane Miller  
Consultant for J.J. Mauget

cc: Mr. Dale Dodds  
Mr. Don Diamond

4 of 8

1  
(FRONT PANEL)

Mauget<sup>®</sup>  
**ABASOL™**

INTERNAL SYSTEMIC TREATMENT BY MICRO-INJECTION FOR  
CONTROL OF CERTAIN INSECTS AND DISEASES ON ORNAMENTAL TREES.

FOR USE BY PROFESSIONAL PESTICIDE APPLICATORS.

**ACTIVE INGREDIENTS:**

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

**INERT INGREDIENTS:** ..... 97.54%  
 100.00%

KEEP OUT OF REACH OF CHILDREN  
**WARNING**

NOT FOR SALE  
 MAR 21 1997

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.)

**STATEMENT OF PRACTICAL TREATMENT**

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth.  
**IF SWALLOWED:** Immediately give one or two glasses of water and induce vomiting by gently touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.  
**IF ON SKIN:** Wash with plenty of water.  
**IF IN EYES:** Flush with plenty of water.  
 Get medical attention in all cases.

**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 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.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

MFG. BY:  
 TOWN, STATE:  
 EPA ESTABLISHMENT NO.:  
 EPA REGISTRATION NO.:  
 NET CONTENTS:

**BEST AVAILABLE COPY**

J.J. MAUGET CO.  
 LOS ANGELES, CALIF. 90065  
 7946-CA-1  
 7946-20  
 300 units 4 ml. - or - 0.13 oz. by wt. ea.

5018

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## WARNING

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Prolonged or frequently repeated exposure may cause allergic skin reactions in some individuals. Harmful if absorbed through skin.

#### 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 washwater or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops. Use for tree microinjection only as a post-bloom application.

### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

### DIRECTIONS FOR USE

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

### AGRICULTURAL USE REQUIREMENTS

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.

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.

**BEST AVAILABLE COPY**

## 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.

**Important:** 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.

Uninfected trees will generally absorb the full amount of Abasol within 1 hour. 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.

Do not inject trees within two weeks of any other spray or soil chemical treatment.

Do not treat trees that are suffering from stress such as lack of moisture or herbicide damage.

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 carton. 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.

## NOTICE OF WARRANTY

J.J. MAUGET CO. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE OR OTHERWISE, EXPRESS 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.

**BEST AVAILABLE COPY**

7088

MAUGET<sup>®</sup>  
ABASOL<sup>™</sup>

**DISEASE TREATMENT:** 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. Preventative Dutch Elm Disease treatments are made 4 weeks after Bark Beetle emerges. 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 (except conifers); 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 <u>Physalospora (Bleeding Canker)</u>
<u>Arborvitae</u>	<u>Kabatina Branch Canker</u>
<u>Ash</u>	<u>Anthracnose (Fall application only)</u>
Bay Tree	Fusarium Wilt <u>Nectria Canker</u>
<u>Birch</u>	<u>Melanconium Dieback</u>
<u>Buckthorn</u>	<u>Nectria (Tubercularie) Canker</u>
<u>Camphor</u>	<u>Verticillium Wilt</u>
<u>Carob</u>	<u>Verticillium Wilt</u>
<u>Catalpa</u>	<u>Verticillium Wilt</u>
Cedar	Coryneum Blight Diplodia Tip Blight <u>Phomopsis (Kabatina)</u> <u>Cedar Branch Canker</u>
<u>Cypress</u>	<u>Phomopsis Canker</u>
<u>Douglas Fir</u>	<u>Cephalosporium Ulmi (Elm Wilt)</u> <u>Ceratocystis Ulmi (Dutch Elm Disease)</u>
Elm	<u>Cytospora Canker</u> Fusarium Wilt Vermicularia Dieback <u>Verticillium Wilt</u>
<u>Fir</u>	<u>Cytospora Canker</u>
<u>Gum (Sweet)</u>	<u>Ceratocystis Canker</u>
Madrone	Thielaviopsis Decline Fusarium Wilt
<u>Magnolia</u>	<u>Ceratocystis Canker</u>
<u>Maple</u>	<u>Verticillium Wilt</u>
<u>Mimosa</u>	<u>Fusarium Perniciosum (Mimosa Wilt)</u>
<u>Mulberry (Fruitless)</u>	<u>Ceratocystis Canker</u> Oak Wilt (Ceratocystis fagacearum) Anthracnose (Spring application only) Nectria Canker
Oak	Oak Decline (Botryodiplodia) Cephalosporium Dothiorella Fusarium Pestalotia Phialophora <u>Verticillium Wilt</u>
Olive	Fusarium Wilt <u>Verticillium Wilt</u>
Palm	Penicillium Vermoeseni (Pink Bud Rot) Atropellis Canker <u>Ceratocystis Dieback</u>
Pine	Fusarium moniliforme F. Subglutinans (Pine Pitch Canker) <u>Leptographium Canker</u>
<u>Pistachio (Non-crop)</u>	<u>Verticillium Wilt</u>
<u>Poplar</u>	<u>Cytospora Canker</u>
Redwood (Coast and Sierra)	Botryosphaeria Branch Canker Coryneum Canker
<u>Spruce</u>	<u>Cytospora Canker</u>
Sycamore	Anthracnose (Spring application only) <u>Ceratocystis Canker</u>
<u>Walnut (Black Non-crop)</u>	<u>Melanconium Dieback</u>
<u>Willow</u>	<u>Cytospora Canker</u>

**BEST AVAILABLE COPY**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC  
ANIMALS  
WARNING**

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Prolonged or frequently repeated exposure may cause allergic skin reactions in some individuals. Harmful if absorbed through skin.

**Personal Protective Equipment:**

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- Coveralls over short-sleeved shirt and short pants
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- 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. Use for tree microinjection only as a post-bloom application.

**PHYSICAL OR CHEMICAL HAZARDS**  
Do not use or store near heat or open flame.

**DIRECTIONS FOR USE**

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

**AGRICULTURAL USE REQUIREMENTS**

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.

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.

**Mauget<sup>®</sup>  
ABASOL™**

INTERNAL SYSTEMIC TREATMENT BY MICRO-INJECTION  
FOR CONTROL OF CERTAIN INSECTS AND DISEASES ON  
ORNAMENTAL TREES

FOR USE BY PROFESSIONAL PESTICIDE 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-O-demethyl avermectin A<sub>1a</sub>) and < 20% avermectin B<sub>1b</sub>,  
(5-O-demethyl-25-de(1-methylpropyl)-25-(1-methylethyl)  
avermectin A<sub>1a</sub>)] . . . . . 0.46%  
INERT INGREDIENTS: . . . . . 97.54%  
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).

**STATEMENT OF PRACTICAL TREATMENT**

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth.  
IF SWALLOWED: Immediately give one or two glasses of water and induce vomiting by gently touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.  
IF ON THE SKIN: Wash with plenty of soap and water.  
IF IN EYES: Flush eyes with plenty of water.

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, benzodiazepines, valproic acid) in patients with potentially toxic abamectin B<sub>1</sub> exposure.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Mfg. By: J.J. Mauget Co. Los Angeles, CA 90065  
EPA Est. No.: 7946-CA-1 EPA Reg. No.: 7946-20  
Net Contents: 300 units 4 ml or 0.13 wt. ea.

**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.

Important: 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.

Uninfected trees will generally absorb the full amount of Fungisol within 1 hour. Infected trees will absorb the material more slowly due to the vascular plugging caused by the disease. If Fungisol 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.

Do not inject trees within two weeks of any other spray or soil chemical treatment.

Do not treat trees that are suffering from stress such as lack of moisture or herbicide damage.

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 carton. 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.

**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.

Rev. 022797

Make applica  
disease sym  
application.  
Preventative  
Bark Beetle e  
possible afte  
insecticide/fu  
the following  
Sycamore La

USE

Alder

Arborvitae

Ash

Bay Tree

Birch

Buckthorn

Camphor

Carob

Catalpa

Cedar

Cypress

Douglas Fir

Elm

Fir

Gum (Sweet

Madrone

Magnolia

Maple

Mimosa

Mulberry (Fr

Oak

Olive

Palm

Pine

Pistachio(Nc

Poplar

Redwood

(Coast and

Spruce

Sycamore

Walnut

(Black Non-

Willow

**BEST AVAILABLE COPY**