

DOC ID 526387

ACCEPTED
VIA NOTIFICATION
LABEL NOT REVIEWED

Classified for
"RESTRICTED USE"

in New York State
under 6NYCRR Part 326
KEEP OUT OF REACH OF CHILDREN

WARNING / AVISO

See additional precautionary statements
and directions for use inside booklet.

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.)

ACTIVE INGREDIENT:		
ABAMECTIN (CAS No. 65195-56-4 and 65195-55-3)	2.0%	
OTHER INGREDIENTS:	98.0%	
TOTAL:	100.0%	

EPA Reg. No. 74779-1
EPA Est. No. 63416-MN-001

For 24 hour medical emergency assistance
or chemical emergency assistance,
CALL CHEMTREC (800) 424-9300

NET CONTENTS **250 ml**

Aracinate™

Tree Injection

For injection into ornamental and
non-crop-bearing trees and woody shrubs in
nurseries, greenhouses, interior and exterior
plantscapes, and in private, municipal, state,
and national forested areas for control of mites,
suppression and control of certain insects, and
for prevention of pine wilt nematode.

Distributed by:
Rainbow Treecare
Scientific Advancements
11571 K-Tel Drive
Minnetonka, MN 55343
1-877-272-6747
www.treecarescience.com



PULL HERE TO OPEN

PF-27188-1

PROOF

THIS PROOF IS TO BE CHECKED FOR ACCURACY

Please review and approve Text, Spelling, Copy Placement, Size, Shape, Colors, Unwind, and Dieline.

Authorized signature accepts responsibility for accuracy of all copy, color break and artwork. Cimarron Label is not liable for any discrepancies subsequently identified.

PLEASE NOTE: Due to color variance between printers/monitors, the colors represented by this proof cannot be deemed accurate. Please refer to a color matching system such as the Pantone Matching System for a truer representation of spot colors. **THIS PROOF IS NOT ACCURATE FOR COLOR-MATCH.**

WE CANNOT PROCESS THIS ORDER WITHOUT AN AUTHORIZED SIGNATURE

☐ ARTWORK IS APPROVED

☐ REVISED PROOF NEEDED

Signed _____

Date _____

Please Return To: _____

Please indicate the correct unwind position

Unwind Positions			
Heat-Off	Front-Off	Right-Off	Left-Off
1	2	3	4
Wound Outside	Wound Inside	Wound Outside	Wound Inside
5	6	7	8
Heat-Off	Front-Off	Right-Off	Left-Off

cimarron
LABEL

4201 North Westport Avenue, Sioux Falls, South Dakota 57107
Phone: (605) 978-0451 • Fax: (605) 978-0463

PROOF DATE: May 3, 2010

CUSTOMER: RAINBOW TREECARE

JOB NUMBER: 47154

LABEL SIZE: 3.375" x 7.375"

LEAFLET FLAT SIZE: 3.375" x 20.25"

LEAFLET FOLDED SIZE: 3.375" x 2.5"

LABEL COLORS: BLACK

VARNISH

LEAFLET "IN" COLORS: BLACK

LEAFLET "OUT" COLORS: BLACK

dieline does not print

FIRST AID**IF SWALLOWED**

- 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 the poison control center or a doctor.
- Do not give anything by mouth to an unconscious person.

IF IN EYES

- 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 further treatment advice.

IF INHALED

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a Poison Control Center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING

- 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.

FIRST AID

Note to Physician: Early signs of intoxication include dilation of pupils, muscular incoordination and muscular tremors. Toxicity following accidental ingestion of Aracinate™ Tree Injection can be minimized by early administration of chemical adsorbents (e.g. activated charcoal).

If toxicity from exposure has progressed to cause severe vomiting, the extent of the 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

HOT LINE NUMBER

For 24 hour medical emergency assistance
(human or animal) or chemical emergency assistance
(spill, leak or accident)

Call **CHEMTREC** at 1-800-424-9300

**PRECAUTIONAL
HAZARDS TO HUMANS AND**

WARNING: May be fatal if swallowed. Causes temporary eye injury. Do not get in eyes, or on clothing. Do not absorb through the skin. Repeated exposure may cause some individuals. Do not breathe with skin.

Personal Protection

Some materials that are chemically reactive are listed below. If you want instructions for Category B chemical selection chart.

Mixers, loaders, applicators must wear:

- Coveralls over short sleeve
- Chemical-resistant gloves - category B (e.g. barrier laminate)
- Chemical-resistant footwear
- Protective eyewear
- Wear chemical-resistant apron, equipment, mixing or loading

Discard clothing and other articles that have been drenched or heavily contaminated with product's concentrate. Do not follow manufacturer's instructions for disposal.

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UMBER

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1-800-424-9300

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed. Causes substan- tial, but temporary eye injury. Wear protective eyewear. Do not get in eyes, or on clothing. Harmful if inhaled or absorbed through the skin. Prolonged or frequently repeated exposure may cause allergic skin reactions in some individuals. Do not breathe vapor. Avoid contact with 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 B on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators and other handlers must wear:

- Coveralls over short sleeved shirt and short pants
- Chemical-resistant gloves – EPA chemical-resistance category B (e.g. barrier laminate or butyl rubber $\leq$ 14 mils).
- Chemical-resistant footwear plus socks
- Protective eyewear
- Wear chemical-resistant apron when cleaning equipment, mixing or loading.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

Environmental Hazards

This pesticide is toxic to fish and wildlife. 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 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 or weeds.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

ATTENTION

This product contains a chemical (N-methyl pyrolidone) known to the state of California to cause birth defects or other reproductive harm.

DIRECTIONS FOR USE

It is a violation of Federal (U.S.) law to use a manner inconsistent with its labeling.

Aracinate™ Tree Injection is a specially formulated soluble Abamectin to be used for injection bearing trees for control of mites, suppress of certain insects, and for prevention of pir tode. Aracinate™ Tree Injection can be used by commercial applicators on all non-crop of ornamentals located in commercial and areas wherever trees and woody shrubs are Aracinate™ Tree Injection can also be used forestry production, nurseries, greenhouses recreational forests. Certain insecticide ap result in an increase in mite populations on ornamentals; this product may be used im following an insecticide application to red outbreaks in mite populations.

DOSAGE AND TIMIN

As with most pesticides, because efficacy r depending on weather conditions, geograj and other biological factors, applicators sh small-scale outbreaks on a small number o treating large numbers of trees.

DIRECTIONS FOR USE

It is a violation of Federal (U.S.) law to use this product in a manner inconsistent with its labeling.

Aracinate™ Tree Injection is a specially formulated water soluble Abamectin to be used for injection into non-crop bearing trees for control of mites, suppression and control of certain insects, and for prevention of pine wilt nematode. Aracinate™ Tree Injection can be used as directed by commercial applicators on all non-crop bearing species of ornamentals located in commercial and residential areas wherever trees and woody shrubs are grown.

Aracinate™ Tree Injection can also be used in commercial forestry production, nurseries, greenhouses, and in recreational forests. Certain insecticide applications may result in an increase in mite populations on treated ornamentals; this product may be used immediately following an insecticide application to reduce follow-up outbreaks in mite populations.

DOSAGE AND TIMING

As with most pesticides, because efficacy may vary depending on weather conditions, geographic conditions and other biological factors, applicators should treat small-scale outbreaks on a small number of trees prior to treating large numbers of trees.

RECOMMENDED USE	
MITES on Woody Ornamentals	DOSAGE & TIMING
European Red Mite Twospotted Spider Mite Camine Spider Mite Southern Red Mite Spruce Spider Mite Tarsonemid Mites Cyclamen and Broad Mites Eriophyid Mites Rust and Bud Mites	Use 5 milliliters of Aracinate™ Tree Injection per 2 inches of cumulative trunk diameter at 4.5' above ground level. To determine the number of injection devices, divide the tree diameter by 2. If this results in a fraction, round up to the nearest whole number. Fill each device with 5 ml of product. Space injection sites approximately 6" apart around the circumference of the tree. OR Use 5 milliliters of Aracinate™ Tree Injection per 2 inches of cumulative trunk diameter at 4.5' above ground level diluted in 10 ml of water, so that each injection device is filled with 15 ml of total solution. To determine the number of injection devices, divide the tree diameter by 2. If this results in a fraction, round up to the nearest whole number. Space injection sites approximately 6" apart around the circumference of the tree.
Apply 2 weeks before expected emergence of the pest or as the pest appears.	

RECOMMENDED USE	
INSECTS on Woody Ornamentals	DOSAGE & TIMING
Adelgids Aphids Boxwood Leafminer Elm leaf beetle Flathead borer Lacebug Lepidoptera insects Leafminers Scale Thrips White pine weevil	Use 5 milliliters of Aracinate™ Tree Injection per 2 inches of cumulative trunk diameter at 4.5' above ground level. To determine the number of injection devices, divide the tree diameter by 2. If this results in a fraction, round up to the nearest whole number. Space injection sites approximately 6" apart around the circumference of the tree. OR Use 5 milliliters of Aracinate™ Tree Injection per 2 inches of cumulative trunk diameter at 4.5' above ground level diluted in 10 ml of water, so that each injection device is filled with 15 ml of total solution. To determine the number of injection devices, divide the tree diameter by 2. If this results in a fraction, round up to the nearest whole number. Space injection sites approximately 6" apart around the circumference of the tree.
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Apply 2 weeks before expected emergence of the pest or as the pest appears.	

RECOMMENDED USE	
NEMATODES on Pines	DOSAGE & TIMING
Pine Wilt Nematode	For applications on pine wilt nematode do not dilute with water, inject straight concentrate into the tree. For prevention of pine wilt nematode. Use 30 milliliters of Aracinate™ Tree Injection for the first 6 diameter inches at 4.5' above ground level and an additional 15 ml of Aracinate™ Tree Injection for each additional diameter inch. Divide the total dosage so that each injection device receives 15-30 ml of Aracinate™ Tree Injection applied at ≤ 50 psi. A single treatment will prevent pine wilt nematode infection for two growing seasons. In some cases, it may take longer for each injection unit to empty out when injecting pine species.
Optimal results are obtained when injections are made in the spring of the year.	



Pine Wilt Nematode Dosage Rate Per Tree Diameter at Breast Height (DBH)

DBH	Mls required for treatment	DBH	Mls required for treatment
6	30	24	300
7	45	25	315
8	60	26	330
9	75	27	345
10	90	28	360
11	105	29	375
12	120	30	390
13	135	31	405
14	150	32	420
15	165	33	435
16	180	34	450
17	195	35	465
18	210	36	480
19	225	37	495
20	240	38	510
21	255	39	525
22	270	40	540
23	285		

Mixing Instructions

1. See the table above to determine the proper dosage rate for **Aracinate™ Tree Injection**.
2. Shake the Aracinate™ Tree Injection concentrate container prior to measuring out the desired amount.
3. Following the manufacturer's recommendations, dispense the desired amount of **Aracinate™ Tree Injection** into the refillable injection device.

Application Instructions

Aracinate™ Tree Injection can be used with a variety of root-flare injection devices. For all injection devices, read carefully and follow all manufacturer use directions.

When using multiple injection devices, it is important to drill the hole only for that device, seat the device, and start the injection process immediately prior to drilling and seating the next device. This limits the amount of resin buildup, which can slow down the uptake time.

Most injection devices may require up to several minutes or more to empty into the tree depending on the health of the treated tree and local weather conditions. Do not leave injection devices unattended.

Reapplication

Mites and Insects: This product may be reapplied annually.
Pine Wilt Nematode: A single treatment will prevent pine wilt nematode infection for two growing seasons. Retreat every other year.

Removal

Promptly and safely remove the injection devices according to the manufacturer's instructions after the solution has emptied into the tree. Do not leave empty injection devices on trees. Follow the manufacturer's recommendations for proper cleaning and storage of the injection devices.

If the injection device does not completely empty a few hours, depressurize the device and remove any remaining solution. When using a refillable injection device, empty the leftover solution into an enclosed chemical-resistant container. After the leftover solution has emptied from the injection device, triple rinse the device with water. Ensure that the rinsate is collected in an enclosed chemical-resistant container. Dispose of the leftover solution and rinsate according to state and local authorities.

Restrictions

- Use only on non-crop bearing trees and shrubs. Do not use on trees or shrubs, which will produce food one year following application.
- Due to toxicity to bees, use for micro-injection only after post-bloom application.
- Aracinate™ Tree Injection is not for use on trees with a diameter less than 2" Diameter at Breast Height.

Removal

Promptly and safely remove the injection devices according to the manufacturer's instructions after the solution has emptied into the tree. Do not leave empty injection devices on trees. Follow the manufacturer's recommendations for proper cleaning and storage of the injection devices.

If the injection device does not completely empty within a few hours, depressurize the device and remove following manufacturers instructions so as to prevent any leaking of the solution. When using a refillable injection device, empty the leftover solution into an enclosed chemical-resistant container. After the leftover solution has been emptied from the injection device, triple rinse the device with water. Ensure that the rinsate is collected in an enclosed chemical-resistant container. Dispose of the leftover solution and rinsate according to state and local authorities.

Restrictions

- Use only on non-crop bearing trees and shrubs. Do not use on trees or shrubs, which will produce food within one year following application.
- Due to toxicity to bees, use for micro-injection only as a post-bloom application.
- Aracinate™ Tree Injection is not for use on trees and shrubs less than 2" Diameter at Breast Height.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

Storage

Store in a tightly closed container in a cool, dry place.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal

Non-refillable container: Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Offer for recycling, if available or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or a mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

Notice: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Tree injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or tree conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS or seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS and seller harmless for any claims relating to such factors.

RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or

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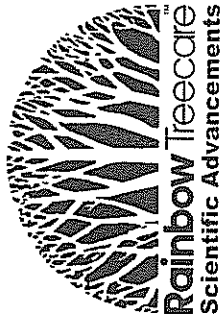
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beyond the control of Seller or RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS, and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, RAINBOW TREECARE MAKES NO WARRANTIES OR MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the fullest extent permitted by law, RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. To the extent consistent with applicable law, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF RAINBOW TREECARE OR SELLER, THE REPLACEMENT OF THE PRODUCT.

RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of RAINBOW TREECARE SCIENTIFIC ADVANCEMENTS.



Distributed By:

Rainbow Treecare Scientific Advancements

11571 K-Tel Drive.

Minnetonka, MN 55343

1-877-ARBORIST

1-877-272-6747

www.treecarescience.com

EPA Reg. No. 74779-1

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Aracinate is a trademark of Rainbow Treecare Scientific Advancements



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For injection in
woody shrubs
or beneath insect

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etonka, MN 55343

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reecarescience.com

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Tree Injection

For injection into ornamental and non-crop-bearing trees and woody shrubs for control of mites, suppression and control of certain insects, and for prevention of pine wilt nematode.

ACTIVE INGREDIENT:
ABAMECTIN
(CAS No. 65195-56-4
and 65195-55-3) 2.0%

OTHER INGREDIENTS: 98.0%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

AVISO

See additional precautionary statements and directions for use inside booklet.

PRECAUCION AL USUARIO: 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.)

AD 050409

Job #47154