

USE RATES FOR PESTS IN TREES* AND ORNAMENTALS

PESTS	SPECIES	MICRO INJECTION DOSE RATES (ml/inch diameter at working height)		FOLIAR SPRAY DOSE RATES PER ACRE (fl. oz.)	FOLIAR SPRAY DOSE RATES PER 10000 sq ft (.25 acre) (fl. oz.)	FOLIAR SPRAY DOSE RATES PER 1000 sq ft (0.02 acre) (fl. oz.)
		Inject LALGUARD AZA undiluted				
COLEOPTERA						
Beetles	Including, but not limited to: elm leaf beetle and Japanese beetle	4 - 8		5 - 8	1.3 - 2.0	0.1 - 0.2
Emerald ash borer - by injection only.		4 - 8			Not applicable	
Weevils	Including, but not limited to: red elm bark weevil, white pine weevil, and beech leaf mining weevil	4 - 8		5 - 8	1.3 - 2.0	0.1 - 0.2
HEMIPTERA						
Aphids	Including, but not limited to: linden aphid	2.5 - 5		5-8	1.3 - 2.0	0.1 - 0.2
Adelgids	Including, but not limited to: hemlock woolly adelgid	2.5 - 5		5-8	1.3 - 2.0	0.1 - 0.2
Scales	Including, but not limited to: European elm scale, kermes scale, and beech scale	2.5 - 5		5-8	1.3 - 2.0	0.1 - 0.2
HYMENOPTERA						
Sawflies		2 - 5		4 - 8	1 - 2	0.1 - 0.2
LEPIDOPTERA						
Defoliators	Including, but not limited to: gypsy moth, spruce budworm, jackpine budworm, and brown tail moth	2.5 - 5		4 - 8	1 - 2	0.1 - 0.2
Leaf miners	Including, but not limited to: arborvitae leaf miners and horse chestnut leaf miner	2.5 - 5		4 - 8	1 - 2	0.1 - 0.2
Tent caterpillars		2.5 - 5		4 - 8	1 - 2	

NOTE: Low rates are recommended for preventative treatments before signs of insects. **High rates** are recommended for most treatments for preventative to medium infestations when pests are present. **High rates** are recommended for difficult to manage pests, heavy infestations, or dense foliage.

APPLICATION BY TREE MICROINJECTION IN PALMS*

For microinjection in palms, dilute LALGUARD AZA to a 3% azadirachtin concentrate with a 3% diluent. Combining equal parts of product and water in the following order:

1. Prepare required amount of water.
2. Add LALGUARD AZA concentrate to water **slowly**, with stirring, until the desired concentration is reached. Use the Use Rates table below to determine appropriate doses for given canopy sizes.

This product is not to be applied to trees that produce food and feed. RESTRICTION:

USE RATES FOR PESTS IN PALMS*

PALM SIZE	VOLUME OF WATER		VOLUME OF PRODUCT		FINAL VOLUME		INJECTION SITES (MINIMUM)**
	FL. OZ.	ML	FL. OZ.	ML	FL. OZ.	ML	
Small canopy	0.34	10	0.34	10	0.68	20	1
Medium canopy	0.68	20	0.68	20	1.35	40	2
Large canopy	1.02	30	1.02	30	2.03	60	3

*using 20 ml canisters

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **Pesticide Storage:** Store in original container in a cool, dry place (73 degrees Fahrenheit or less). Avoid overheating and avoid exposure to direct sunlight. Keep container tightly sealed when not in use.

Pesticide Disposal: To avoid wastes, use all material in this container by application following to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Handling: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a container that will be used to store the material for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then recycle for recycling or reuse. Wash thoroughly before and after use and dispose of in a sanitary landfill.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial temporary eye injury. Irritant if inhaled or absorbed through skin and not get in eyes or on clothing. Wear protective eyewear such as goggles, face shield, or safety glasses. Avoid breathing spray mist. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before drinking, chewing gum, using tobacco, or using the toilet. Wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes with socks
- Waterproof chemical-resistant gloves
- Protective eyewear

Follow the manufacturer's instructions for cleaning/maintaining PPE. If you have been washed with soap and detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE 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

For terrestrial uses: Do not apply directly to water, or 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 area. Do not contaminate water when disposing of equipment washwater or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Flammable. Keep away from heat and open flame.

FIRST AID

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. • Call a poison control center or doctor for treatment advice.
If on 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 swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 treatment advice.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies, call the poison control center at **1-800-222-1222**.

NOTICE TO USER

Danstar Ferment AG/LALLEMAND PLANT CARE warrants only that this product conforms to the product description on this label and is reasonably fit for the purposes set forth in the Directions for Use when used in accordance with them. However, ineffectiveness or other unintended consequences may result because of such factors as the use, storage or handling of the product contrary to the label instructions, all of which are beyond the control of Danstar Ferment AG/LALLEMAND PLANT CARE. To the extent consistent with applicable law, Danstar Ferment AG/LALLEMAND PLANT CARE shall not be liable for indirect or consequential damages resulting from the use, storage or handling of this product. DANSTAR FERMENT AG/LALLEMAND PLANT CARE MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESSED OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

LALGUARD AZA

KEEP OUT OF REACH OF CHILDREN WARNING

ACTIVE INGREDIENT:
Azadirachtin **6.00%**

OTHER INGREDIENTS: **94.00%**

TOTAL: **100.00%**

* CONTAINS 0.5 LBS. OF AZADIRACHTIN PER GALLON (60 GRAMS PER LITER)

EPA Reg. No.: 64137-14 EPA Est. No.: 50837-CAN-001

NET CONTENTS: 1.06 quart (1 liter)

Manufactured for:
Danstar Ferment AG/
LALLEMAND PLANT CARE
59 Industrial Park Crescent
Poststrasse 30
Zug CH-6300 Switzerland

Marketed and distributed by:
Lallemand Inc./BIOFOREST
59 Industrial Park Crescent
Sault Ste. Marie, ON P6B 5P3
Canada