



Front label

210mm +/- 1mm

15mm

5mm

5mm

297mm +/- 1mm

8mm

GROUP 4A INSECTICIDE



STATE OF HAWAII  
Department of Agriculture

**ACCEPTED**

LICENSE NO. **9346.328**



# SilvaShield®

## Forestry Tablets

For use in forestry.

**ACTIVE INGREDIENT:**

Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine..... 20%

**OTHER INGREDIENTS:** ..... 80%

EPA Reg. No. 432-1457

EPA Est. No. 3125-FRA-001

**STOP – Read the label before use.**

Keep out of reach of children.

### CAUTION

For **MEDICAL** and **TRANSPORTATION** Emergencies

**ONLY** Call 24 Hours A Day 1-800-334-7577

For **PRODUCT USE** Information Call 1-800-331-2867

See attached labels for complete First Aid Instructions, Precautionary Statements, Directions for Use and Storage and Disposal Instructions.

Guaranteed Analysis 12-9-4

Total Nitrogen (N)..... 12.00%

1.30% Ammoniacal Nitrogen

0.70% Other Water Soluble Nitrogen

10.00% Water Insoluble Nitrogen\*

Available Phosphate (P<sub>2</sub>O<sub>5</sub>) ..... 9.00%

Soluble Potash (K<sub>2</sub>O) ..... 4.00%

Magnesium (Mg)..... 0.50%

0.50% Water Soluble Magnesium (Mg)

Sulfur (S) ..... 3.40%

3.40% Combined Sulfur (S)

Molybdenum (Mo)..... 0.004%

F1559

Derived from: Isobutylidene Diurea, Ammonium Phosphate, Ammonium Sulfate, Sulfate of Potash, Magnesium Sulfate and Ammonium Molybdate

**CAUTION:** Forage crops high in molybdenum (Mo) are toxic to ruminant animals. This fertilizer contains molybdenum (Mo) and should not be applied on crops that can be consumed by grazing animals (ruminants).

\*10.00% Slowly Available Nitrogen from Isobutylidene Diurea.

\*WIN (Water Insoluble Nitrogen) is stated on an unground basis. Powdered or ground samples will analyze at 3.00%.

Information regarding the contents and levels of metals in this product are available on the Internet at <http://www.regulatory-info-ba.com>

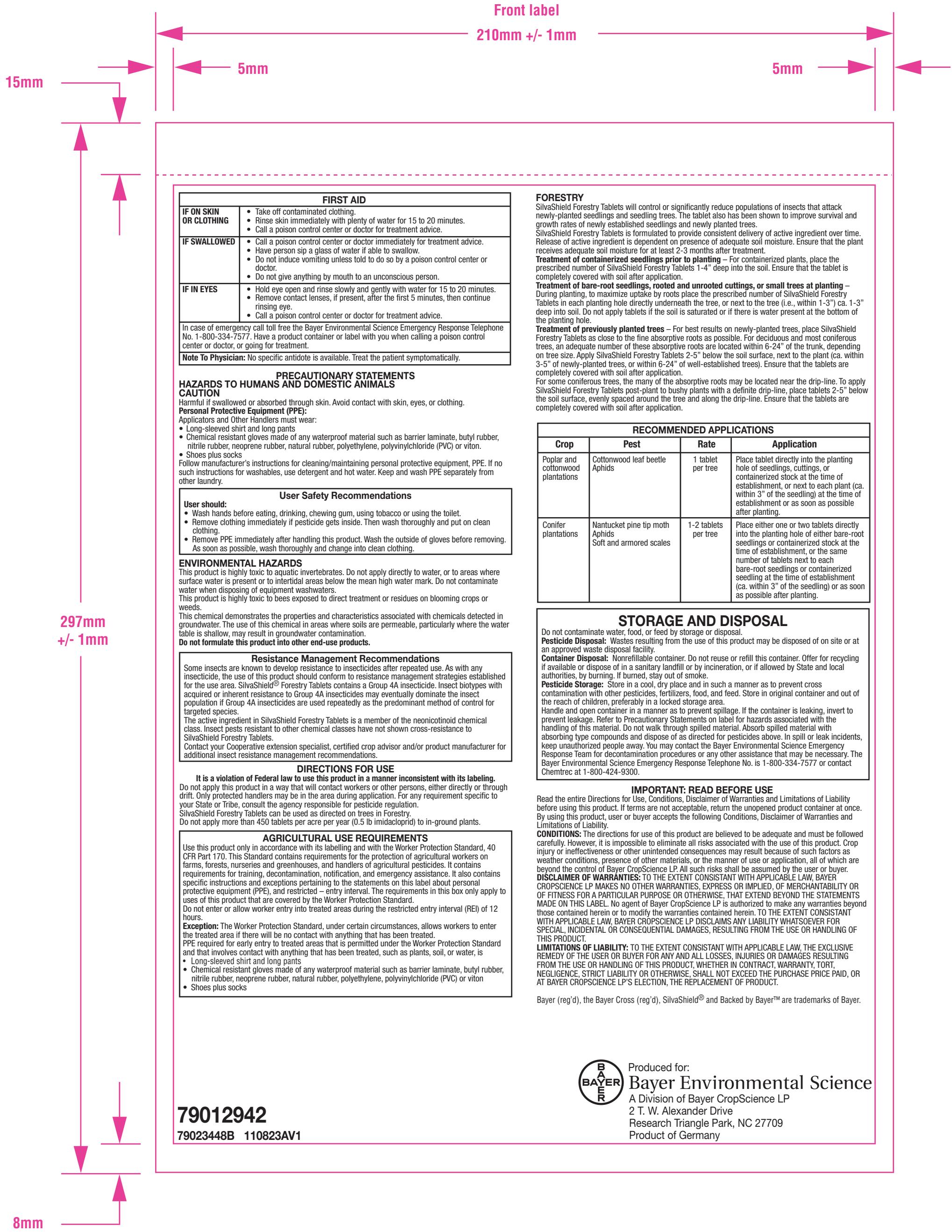
Net Contents

**1200 Tablets**  
**3 Kg (6.6 lbs)**

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**BACKED**  
by **BAYER™**



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FIRST AID	
<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 to 20 minutes.</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>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15 to 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>
<p>In case of emergency call toll free the Bayer Environmental Science Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<p><b>Note To Physician:</b> No specific antidote is available. Treat the patient symptomatically.</p>	

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

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing.

**Personal Protective Equipment (PPE):**

Applicators and Other Handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton.
- Shoes plus socks

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

User Safety Recommendations	
<b>User should:</b>	<ul style="list-style-type: none"> <li>Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.</li> <li>Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.</li> <li>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.</li> </ul>

**ENVIRONMENTAL HAZARDS**

This product is highly toxic to aquatic invertebrates. 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 contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds.

This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

**Do not formulate this product into other end-use products.**

Resistance Management Recommendations	
<p>Some insects are known to develop resistance to insecticides after repeated use. As with any insecticide, the use of this product should conform to resistance management strategies established for the use area. SilvaShield® Forestry Tablets contains a Group 4A insecticide. Insect biotypes with acquired or inherent resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly as the predominant method of control for targeted species.</p> <p>The active ingredient in SilvaShield Forestry Tablets is a member of the neonicotinoid chemical class. Insect pests resistant to other chemical classes have not shown cross-resistance to SilvaShield Forestry Tablets.</p> <p>Contact your Cooperative extension specialist, certified crop advisor and/or product manufacturer for additional insect resistance management recommendations.</p>	

**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 requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

SilvaShield Forestry Tablets can be used as directed on trees in Forestry.

Do not apply more than 450 tablets per acre per year (0.5 lb imidacloprid) to in-ground plants.

AGRICULTURAL USE REQUIREMENTS	
<p>Use this product only in accordance with its labelling and with 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), and restricted – entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.</p> <p>Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.</p> <p><b>Exception:</b> The Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.</p> <p>PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is</p> <ul style="list-style-type: none"> <li>Long-sleeved shirt and long pants</li> <li>Chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton</li> <li>Shoes plus socks</li> </ul>	

**FORESTRY**

SilvaShield Forestry Tablets will control or significantly reduce populations of insects that attack newly-planted seedlings and seedling trees. The tablet also has been shown to improve survival and growth rates of newly established seedlings and newly planted trees.

SilvaShield Forestry Tablets is formulated to provide consistent delivery of active ingredient over time. Release of active ingredient is dependent on presence of adequate soil moisture. Ensure that the plant receives adequate soil moisture for at least 2-3 months after treatment.

**Treatment of containerized seedlings prior to planting** – For containerized plants, place the prescribed number of SilvaShield Forestry Tablets 1-4" deep into the soil. Ensure that the tablet is completely covered with soil after application.

**Treatment of bare-root seedlings, rooted and unrooted cuttings, or small trees at planting** – During planting, to maximize uptake by roots place the prescribed number of SilvaShield Forestry Tablets in each planting hole directly underneath the tree, or next to the tree (i.e., within 1-3") ca. 1-3" deep into soil. Do not apply tablets if the soil is saturated or if there is water present at the bottom of the planting hole.

**Treatment of previously planted trees** – For best results on newly-planted trees, place SilvaShield Forestry Tablets as close to the fine absorptive roots as possible. For deciduous and most coniferous trees, an adequate number of these absorptive roots are located within 6-24" of the trunk, depending on tree size. Apply SilvaShield Forestry Tablets 2-5" below the soil surface, next to the plant (ca. within 3-5" of newly-planted trees, or within 6-24" of well-established trees). Ensure that the tablets are completely covered with soil after application.

For some coniferous trees, the many of the absorptive roots may be located near the drip-line. To apply SilvaShield Forestry Tablets post-plant to bushy plants with a definite drip-line, place tablets 2-5" below the soil surface, evenly spaced around the tree and along the drip-line. Ensure that the tablets are completely covered with soil after application.

RECOMMENDED APPLICATIONS			
Crop	Pest	Rate	Application
Poplar and cottonwood plantations	Cottonwood leaf beetle Aphids	1 tablet per tree	Place tablet directly into the planting hole of seedlings, cuttings, or containerized stock at the time of establishment, or next to each plant (ca. within 3" of the seedling) at the time of establishment or as soon as possible after planting.
Conifer plantations	Nantucket pine tip moth Aphids Soft and armored scales	1-2 tablets per tree	Place either one or two tablets directly into the planting hole of either bare-root seedlings or containerized stock at the time of establishment, or the same number of tablets next to each bare-root seedlings or containerized seedling at the time of establishment (ca. within 3" of the seedling) or as soon as possible after planting.

STORAGE AND DISPOSAL	
<p>Do not contaminate water, food, or feed by storage or disposal.</p> <p><b>Pesticide Disposal:</b> Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.</p> <p><b>Container Disposal:</b> Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or dispose of in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.</p> <p><b>Pesticide Storage:</b> Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.</p> <p>Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides above. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Environmental Science Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Environmental Science Emergency Response Telephone No. is 1-800-334-7577 or contact Chemtrec at 1-800-424-9300.</p>	

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury or ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

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Produced for:

**Bayer Environmental Science**

A Division of Bayer CropScience LP

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Product of Germany