**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION/AVISO:** Moderately irritating to the eye. Do not get in eyes or on clothing. Wear protective eyewear. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**FIRST AID**

- **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.
- **If swallowed:** Call a poison control center or doctor for treatment advice.

**NOTE TO PHYSICIAN:** Early signs of intoxication include dilation of pupils, muscular incoordination, and muscular tremors. Vomiting within one-half hour of exposure can minimize toxicity following accidental ingestion of the product; rapidly after exposure (< 15 minutes) if toxic 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 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 emamectin benzoate 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 emamectin benzoate exposure.

**EXPOSURE TO SENSITIVE PLANTS:** Avoid spraying in the proximity of sensitive vegetation. Avoid spraying in the proximity of sensitive vegetation. Avoid spraying in the proximity of sensitive vegetation. Avoid spraying in the proximity of sensitive vegetation.

**USE DIRECTIONS**

**APPLICATION TO TREES**

TREE-age G4 is designed for use with tree injection devices that meet the label and dose requirements for 24-Hour Medical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-265-3924.

**APPLICATION TO TREES**

**TREE-age G4** is for control of mature and immature arthropods pests of deciduous, coniferous, and palm trees, including, but not limited to, those growing in residential and commercial landscapes, parks, plantations, seed orchards, and forested sites (in private, municipal, state, tribal and national areas). TREE-age G4 contains the active ingredient emamectin benzoate and is formulated to translocate in the tree's vascular system when injected. This product must be placed into active sapwood, and will actively control pests for up to two years.

**ENVIRONMENTAL CONDITIONS:**

- **Uptake of TREE-age G4** is dependent upon the tree's transpiration. For better uptake, apply when soil is moist, soil temperatures are above 45°F, ambient temperatures are between 40° to 90°F, and during the 24 hour period when transpiration is greatest, typically before 2:00 PM. Applications to drought- or heat-stressed trees may result in injury to tree tissue, poor treatment and subsequent control. Avoid treating trees that are moisture stressed or suffering from herbicide damage.

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**MONITOR TREE HEALTH AND PEST INFESTATIONS:** Effective injection treatment is favored by the tree's transpiration. For better uptake, apply when soil is moist, soil temperatures are above 45°F, ambient temperatures are between 40° to 90°F, and during the 24 hour period when transpiration is greatest, typically before 2:00 PM. Applications to drought- or heat-stressed trees may result in injury to tree tissue, poor treatment and subsequent control. Avoid treating trees that are moisture stressed or suffering from herbicide damage.

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- Refer to Application Trees in Table for specific instructions.

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Applications in Trees

<table>
<thead>
<tr>
<th>Tree Diameter (DBH) (Inches)</th>
<th>Low(^1)  product/tree</th>
<th>Medium (^1) product/tree</th>
<th>High (^1) product/tree</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 to 6</td>
<td>20-25</td>
<td>25-35</td>
<td>30-45</td>
</tr>
<tr>
<td>7 to 9</td>
<td>20-30</td>
<td>25-40</td>
<td>30-50</td>
</tr>
<tr>
<td>10 to 12</td>
<td>30-45</td>
<td>40-60</td>
<td>60-80</td>
</tr>
<tr>
<td>13 to 15</td>
<td>40-55</td>
<td>55-80</td>
<td>70-90</td>
</tr>
<tr>
<td>16 to 18</td>
<td>55-70</td>
<td>70-100</td>
<td>100-120</td>
</tr>
<tr>
<td>19 to 21</td>
<td>70-90</td>
<td>100-120</td>
<td>120-160</td>
</tr>
<tr>
<td>22 to 24</td>
<td>90-120</td>
<td>120-160</td>
<td>160-200</td>
</tr>
<tr>
<td>25 to 27</td>
<td>120-160</td>
<td>160-200</td>
<td>200-240</td>
</tr>
<tr>
<td>28 to 30</td>
<td>160-200</td>
<td>200-240</td>
<td>240-300</td>
</tr>
<tr>
<td>31 to 33</td>
<td>200-240</td>
<td>240-300</td>
<td>300-400</td>
</tr>
</tbody>
</table>

[For more uniform distribution within the tree canopy (foliage), dilute product with equivalent 1 to 9 volumes of water prior to application.]

\(^1\) Use medium to high rates for remedial and longer residual control.
\(^2\) Use of TREE-äge G4 to control this insect may not result in the control of diseases vectored by the insect.
\(^3\) Bark beetles that attack the canopy or at least 30 days before the pest has historically been present.
\(^4\) Bark beetles that attack the tree bole
\(^5\) Not for use in the State of California.

Compatibility
Do not mix TREE-äge G4 before injection with other products such as insecticides, fungicides, plant growth regulators, surfactants, adjuvants, and fertilizers.

Restriction
Do not apply to trees that may yield food consumed by humans or used in animal feed.

Storage and Disposal
Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage
Store in a cool, dry place, away from children and pets. Keep from freezing.

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

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 mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.