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HWA Management:

Best Management Practices (BMPs) For Your Property

When to Treat: ONLY when you find an infestation on your property, not before
Treatment Options Available to Private Applicators: Imidacloprid (only available as soil drench)
Treatment Options Available to Certified Applicators: Imidacloprid, Dinotefuran (Safari™, Transtect™)

Imidacloprid (active ingredient)
- Systemic pesticide
- Effective for up to 7 years following application
- Slow acting, reaches canopy after 1 year

Application Methods: Basal bark application, soil drench, stem injection, Core-Tect™ tablets, soil injection

Dinotefuran (active ingredient)
- Systemic pesticide
- Fast-acting in tree canopy
- Effective for 1 year following application
- May be applied as tank mix with Imidacloprid (ONLY as basal bark application)
- Must be applied by Certified Applicator

Application Method: Basal bark application

For Private Applicators (Private Landowners, Non-Certified Pesticide Applicators)

Only Available Option: Imidacloprid Soil Drench—Dinotefuran not available for private application

Soil Drench (Imidacloprid only)

Application:
- Apply to mineral soil at base of tree; to use, remove organic material layer from 2 ft of area surrounding base of a hemlock tree
- Apply proper amount designated by pesticide label
- Do not apply close to water source

When to Apply: Spring or Fall when tree is actively transpiring, when soil is moist but not wet (such as after a rain storm)

Where to Purchase: Can be found at a local garden supply store or online; common brand: Bayer Advance Tree & Shrub

For Certified Pesticide Applicators (Contracted by Private Landowners)

Best Management Practice: Basal Bark Application (Imidacloprid or Imidacloprid + Dinotefuran tank mix)

Basal Bark Application (Imidacloprid/Dinotefuran)
- Applied directly to lower 4-6 ft of hemlock trunk; non-invasive application
- Can be applied near water
- Can apply both Imidacloprid and Dinotefuran together as tank mix
- Minimal off-target effects of application
- Apply in fall or spring seasons

Additional Information:
- APPLICATORS MUST HAVE 2ee RECOMMENDATION FOR USING IMIDICLOPRID

Other Methods Available for Certified Applicators:
- **Stem injection:** Applied through hole drilled into tree; may be applied near water; more time-consuming than basal bark application; apply in fall/spring seasons
- **Core-Tect™ Soil Tablets:** Applied in mineral soil at tree's base; slow release of product over 2 year period; may be applied regardless of season or weather conditions
- **Soil injection:** Applied to mineral soil at base of tree; cannot be used on trees near water sources; apply in fall/spring season

Landowners may choose to consult with a Certified Pesticide Applicator to determine the application method that matches their priorities and budget.