

Hemlock Woolly Adelgid Systemic Treatments

▶ Imidacloprid products ("Amid-a-glow-prid")

- ▶ Not very soluble/mobile → moves up into the canopy more slowly
- ▶ Persists in hemlock tissue for many years
- ▶ Provides longer-term reduction of HWA (5-7 years)

▶ Application methods:

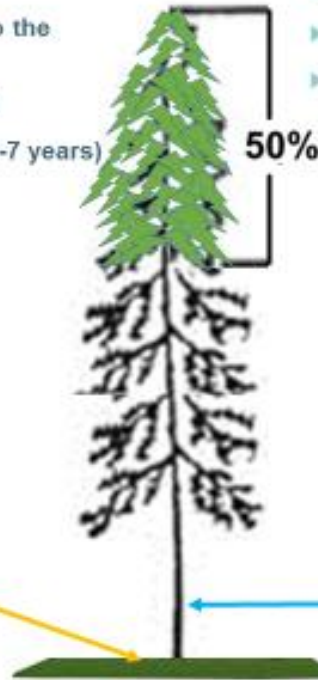
CoreTect tablets



Soil drench



Soil injection



- ▶ Best for light to moderate infestations on less stressed trees with moderately dense foliage
- ▶ Less expensive (lots of generic options)
- ▶ New optimized dosing guidelines available
- ▶ Can be used in combination with Dinotefuran or by itself

Light



Bark spray



Stem injection



▶ Dinotefuran products ("Dino-tef-urine")

- ▶ Highly soluble → moves up into the canopy quickly
- ▶ Quick short-term reduction of HWA
- ▶ Best for heavy infestations, large trees, thinning foliage, or trees in more advanced stages of decline

▶ Application methods:

Soil drench



Soil injection



▶ Brand name: "Safari"

- ▶ More expensive (no generic options)
- ▶ Effective 1 - 2 years (or more?)
- ▶ If used in combination with Imidacloprid, may not need to be used for re-treatments

Heavy



Bark spray



Stem injection



HEMLOCK RESTORATION INITIATIVE