



TREE SPECIALISTS
 TREE CARE - LANDSCAPE MAINTENANCE & DESIGN
 KUNDE CONSULTANTS - WOOD PRODUCTS
 SYLVESTER & SONS ESTABLISHED 1976

Treatment	Trunk Injection	Soil Injection
Insecticide	Emamectin Benzoate (Tree-age™)	Imidacloprid
Best for	Trees 6" dbh or larger	Trees less than 12" dbh
Schedule	Applied every 2 years**	Applied annually
Application	A series of small holes are drilled around the base of the tree and a small plug is inserted into each hole. The IV system containing the chemical is hooked up to the plugs and the insecticide is delivered to the tree. When treatment is complete, the plugs remain in the tree and the tree grows around these plugs very effectively. Treatment is only done every 2 years, possibly extending to every 3, limiting the overall wounding to the tree.	This treatment is done by inserting a probe containing the chemical in a grid pattern around the base of the tree.
Benefits	Can be applied near water. It's 99% effective – the most effective preventative and therapeutic treatment on the market. Trunk injections have a quicker uptake than other treatment methods. It is effective in a matter of hours. Less bioaccumulation in worms, fewer ground water concerns. Can be applied near water.	This preventative treatment works well on smaller trees. At this time, there are no published results claiming preventative effectiveness of this product.
Notes	Holes have been drilled into trees for many years for maple syruping and Dutch elm disease and oak wilt root flare injections. Holes occur naturally by sap sucking birds with minimal harm to trees.	This chemical cannot be applied near water. Due to the label we can only inject a certain amount of chemical per acre without exceeding the environmental limits on the label. Soil injected insecticides such as this one have been banned in two counties in New York. It is also listed on the California Code of Regulations as a potential pollutant to ground water.
Timing	Anytime during the growing season.	Spring of Fall

**Label is currently under review for potential third year extension.