

How to save your valuable ash trees from emerald ash borer

Iowa is the 22nd state to be officially infested by Emerald Ash Borer and to date it has been officially discovered at 9 different locations and counting. It is estimated that the borer has killed over 40 million Ash Trees in Michigan and well over 100 million Ash Trees in the other twenty borer-infested states to date not including Iowa.

The borer has been officially discovered at Hauberg Park in South Rock Island, IL. State Agricultural and DNR officials from both Illinois and Iowa agree that this infestation has been in Rock Island for six to seven years! There is little doubt that the Emerald Ash Borer is also in Scott County, Iowa, waiting to be officially discovered!

Ash Tree owners in the Quad Cities area will soon be forced to face the ultimatum

of much less costly treating or more costly removing their Ash Trees as other infested state Ash Tree owners have had to.

However you can save your valuable Ash Trees that add value, pleasant aesthetics, energy conserving shade and outdoor sun protection, and beauty to your home landscape without being scammed, read on.

The Emerald Ash Borer does not discriminate among true species of Ash Trees, while attacking all true species of Ash Trees in its vicinity, regardless of tree health.

Proactive treatment is highly recommended before any signs of tree infestation, and is the ideal time to apply Emerald Ash Borer control. The recommended best window of treatment application is from approximately May

1 to approximately June 31 depending on weather conditions of rainfall, temperature and drought. The window of treatment that is acceptable is until approximately November 1, depending on the pesticide uptake and distribution.

Successfully saved Ash Trees will become a uniquely prized tree among landscapes.

Drenching the soil around the base of the tree with non-restricted use pesticides can be effective if properly applied and if the root absorbs enough of the pesticide to protect the entire tree. Drenching also causes a significant environmental risk by introducing significant amounts (gallons) of pesticides into ground water. Minneapolis/St Paul, Minnesota have banned all drenching due to ground

water contamination and the resulting direct adverse effects on aquatic wildlife. The city of Davenport, IA, has banned drenching of city owned trees for fear of the same environmental risk. To be effective, drenching must be applied one to two times every year.

Drenching is the second best effective borer control and cost effective method of Emerald Ash Borer control but at a significant environmental risk.

Direct tree trunk injection of the restricted - use pesticide emamectin benzoate (Arborjet® Tree-Äge®), is the superior combination of method and pesticide for controlling Emerald Ash Borer in terms of Borer control, cost effectiveness, and least environmental risk. Direct injection into the tree trunk involves precisely measured and controlled pesticide pressure injection point delivery directly into

the trees vascular system. The number of injection points is a function of the tree caliper (A.K.A. diameter), specifically the diameter at breast height (A.K.A. D.B.H). The precisely measured Tree-Äge® dosage in milliliters (ml) is also dependent on tree D.B.H. Note that a milliliter is equal to 1/1,000 of a liter. Tree-Äge® dosage ranges from 25 ml to 125 ml. Direct injection assures that one hundred percent of the pesticide is safely injected into the tree trunk xylem/cambium layer vascular system and is expediently distributed with water and nutrient uptake inside the tree trunk. The direct injection method in combination with Tree-Äge® restricted use pesticide has been proven to control Emerald Ash Borer for a minimum of two years in studies conducted by Ohio State University, Michigan State University, Purdue University, the University

of Wisconsin, and the University of Illinois. There is no other method/pesticide combination that can make this claim! This combination guarantees a proven ninety nine percent successful tree saving rate while safely injected inside the tree trunk without being a hazard to children, pets, wildlife, atmosphere environments, or the ground water.

Special polymer injection point plugs assure that the injected pesticide remains sealed in the tree, ready for expedient vascular system uptake while sealing out all species of borers and other insects. Within one to two years the plugs are not visible as the tree bark grows over the plugs.

Direct tree trunk injection in combination with Tree-Äge®-restricted use pesticide treatment can only be applied by state licensed professional pesticide applicators.



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Emerald Ash Borer Control

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