

The Feeder Tube by Mauget

AUGUST 2010

Improved Imicide Formulation Provides More Rapid Insecticide Movement for Faster Knock-down of Target Pests



ARCADIA, Calif. (August 2010) – J.J. Mauget Co., the pioneer and leader in micro-infusion tree care, announced an improved formulation of its popular Imicide® insecticide, resulting in more rapid effectiveness in the control of invasive pests such as the Emerald Ash Borer and Asian Longhorned Beetle.

“Mauget is committed to finding new, as well as improving existing chemistries to best serve the unique needs of the Arboriculture market,” said Nate Dodds, president of the J.J. Mauget Co. “Our new Imicide formula is proof of our commitment because we took one of the most effective EAB control treatments and made it even better by improving water compatibility.”

Easily recognized by its violet color, Imicide’s new formula offers improved water compatibility, which has been shown to more rapidly move the insecticide within the tree’s vascular system. As a result, end-users can be assured of faster and more effective treatment of the pests Imicide works to control.

Since 2000, Imicide has been used both by the USDA and state governments for Asian and Citrus Longhorned Beetles protection in quarantine areas. In addition, research shows that Imicide is one of the most effective preventative and control treatments for the Emerald Ash Borer.

The improved Imicide formula will be available in Fall 2010. To learn more about Imicide, or for details about any Mauget product, contact your local distributor or call 800-873-3779 or visit www.Mauget.com.

Calendar of Events:

Certified Treecare Safety Professionals (CTSP) Workshop
Mauget Headquarters
Arcadia, CA.
August 18 - 19, 2010

SMA 46th Annual Conference and Trade Show
Albuquerque, NM
October 3 - 6, 2010

The 2010 Landscape Expo
Long Beach, CA
October 6 - 7, 2010

GIE + Expo
Louisville, KY
October 28-30, 2010

Tree Care Industry Expo
Pittsburgh, PA
November 11 - 13, 2010

BREAKING NEWS!!! TreeAzin is now registered in New York! Ask your local distributor for more information!

NOTES FROM THE FIELD...

The West

By Marianne Waindle

Extended cool or rainy weather in the West delayed many injection treatments for preventive disease control. Insect pressure has increased in areas with multi-generation pests such as woolley aphid in MT and ID or the ever present lerp psyllid in southern CA. Pines continue to die in large numbers from the Mountain Pine beetle throughout the upper mountain west and become wildfire hazards.



The Quick & Easy Smart Shot™ !



Soon you should see these nifty injectors at your local Mauget Distributor! The Smart Shot™ injectors come in two sizes 3-6ml or 5-10ml, along with your custom Mauget draw-off valve that makes filling this re-usable injector a breeze. The valve fits easily into Mauget Liquid Loadable bottles for use of our time proven chemistry. Just prime the valve with two or three draw ups. Once installed into the Liquid Loadable bottle, you are ready to go!

You just fill your pre-dosed syringe, place it in the pre-drilled hole and apply your dosage! It even allows you to make two injections with one fill up. The injection process is quick and easy - reducing the time you spend applying and removing capsules.



Also, with the draw-off valve properly inserted and tightened on the bottle, spills are no longer a worry. The valve keeps the liquid in the bottle! Be sure to clean your draw-off valves at the end of each day. Vinegar works great!

Trust Mauget for great formulations, easy to use equipment and the quality and experience of over 50 years of research!



Thousand Cankers disease has moved from the West Coast into the Mid West!

It was just confirmed that it is established in the Knoxville, Tennessee area. This find is very bad news for the east coast where black walnut is native. Black walnut is a very valuable wood product that produces 3 - 4 billion dollars worth of exports each year.



The Walnut twig beetle

Originally found to be killing trees in Colorado as early as 2003, this is a newly recognized disease (2008) of primarily Black walnut (*Juglans nigra*) and caused by a fungus, *Geosmithia morbida*, that is vectored into the tree by the walnut twig beetle (*Pityophthorus juglandis*). Thousand Cankers disease has produced widespread death of black walnuts in many western states during the past decade. Other species of walnut such as Arizona walnut, English walnut, and California walnut have all shown varying degrees of susceptibility to this fungus.



QI-20 Beta Testing - 2nd Round

Work on Mauget's new QI-20 continues! As a result of field trial feedback we have made significant improvements in the original prototype design to further improve its user friendly appeal. We are now ready to move forward with final testing before market introduction this fall.



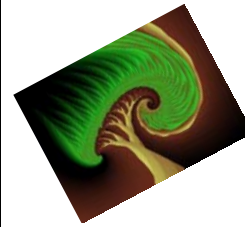
NOTES FROM THE FIELD...

The Northeast

By: Jean Scott

Treatments made as part of the USDA Asian Longhorned Beetle eradication program in Massachusetts and New York were completed in June. Over 38,000 trees were treated in the Worcester, MA by Bartlett Tree Experts and Hartney Greymont using Imicide Hp from Mauget. In New York over 39,000 trees were treated with Davey Tree making the Imicide Hp applications. Jim Ingram of Bartlett Tree Experts and Jim McGuire of Hartney Greymont both reported that the applications went very well and they were pleased with the performance of the Imicide Hp. Davey in New York also reported good results. The USDA projects that there will be about 5 more years of treatment in the Massachusetts area as a small infestation of Asian long horned beetle was found in Jamaica Plain in Massachusetts, just across from the Arnold Arboretum. Six infested maple trees were found so far, in close proximity to each other, and have already been removed by USDA/DCR. Surveys will continue to determine the extent of the infestation.

In the Mid- Atlantic the new Mycoject Ultra is a hit with arborists treating Bacterial Leaf Scorch in oak trees. Marty Heigle of Arader Tree in Philadelphia was amazed at how quickly the new formulation was taken up by the trees. He said he was very confident that the oaks had gotten the full benefit of the application as they were able to get all the material into the trees. Not having to mix and load capsules in the field is a real plus for applicators. The hot dry weather continues to stress oaks infested with BLS and fall applications are expected to increase this year.



Ask Ann:

By Ann Hope

Q. In today's environmentally conscious world, what is Mauget doing to "go green"?

A. "Going green" is definitely the buzz phrase in our industry but this is not a new concept to Mauget. Mauget has been green from the beginning with over fifty years of environmental practices. Here are just a handful of current examples:

- All boxes from vendors are recycled back to them.
- Our manufacturing plant's electrical needs are supplemented with solar energy.
- Our packaging will soon no longer contain styrofoam inserts.
- Injecting into trees reduces chemical usage and virtually eliminates chemical waste.
- Our new Liquid Loadable products further reduce waste leaving no capsules to dispose of.
- We provide our customer with re-useable injection devices.

These are just some of our current green practices - and of course there is our number one commitment to the environment - saving trees!

Ann Hope is Mauget's Technical Support Representative for Southern California. Please email any questions to Ann at: ann@mauget.com

No tree dies of old age. They are generally killed by insects, disease or by people. California Bristlecone Pines and Giant Sequoias are regarded as the oldest trees and have been known to live 4,000 to 5,000 years.

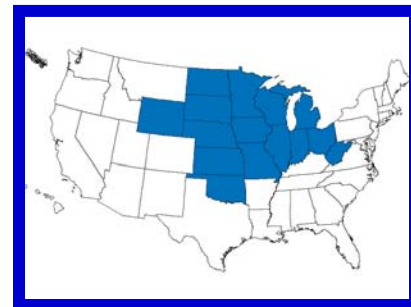


EAB in NEW YORK!

At the end of July in New York the Emerald Ash Borer was found in at least 13 locations in Ulster County, far from previously detected infestations. The area where the beetles were found is located between the Catskill Mountains and the Hudson River. Experts predict that this infestation will become the largest ever found in New York. Mark Whitmore, a forest entomologist at Cornell University estimates that thousands of trees are infested. State and Federal authorities are conducting surveys in neighboring counties.

NOTES FROM THE FIELD...

The Mid West By Jim Rollins



Throughout much of the Midwest, the summer of 2010 is one of the hottest summers we have experienced in recent years. The hot humid weather conditions are contributing to a number of insect and disease problems affecting the trees of the Midwest.

Anthrachnose pressure is prevalent this year. It is affecting Oaks trees, Maple trees and Ash trees in addition to Sycamores. An application of Arborfos this fall can help control Anthracnose next spring.

Fireblight on ornamental pear trees continues to be creating problems in the Midwest. Fireblight may be controlled with an application of either Arborfos or Mycoject Ultra. I am getting very favorable reports from applicators about the Mycoject Ultra formulation.

Japanese Beetles once again are hitting the Linden and ornamental fruit trees. An early summer application of Inject-a-Cide B provides a quick knock down curative option (Inject-A-Cide B can only be used in non food bearing trees). A spring application of Imicide provides an effective preventative option.

The Emerald Ash Borer continues to spread. It has been officially identified in southern Wisconsin, Minneapolis / St. Paul Minnesota, southeastern Missouri, northern Kentucky and a number of other locations throughout the Midwest. I recommend that applicators begin preventative treatments when the EAB has been identified 15-20 miles from the areas that you service. Imicide works well as an early curative / preventative option. Inject-a-cide B works well as the midseason curative option. TreeAzin is the new organic option which also works well as an early curative preventative option.

It won't be too long before fall and cooler weather. Fall is a good time to inject trees with fertilizer and help them recover from some of health problems they encountered over the summer.

MARKETING REPORT JULY 2010

Spring and early summer marketing efforts have been well rewarded! In April, Mauget was graced with being awarded with supplier of choice by all three of the Asian Longhorned Beetle (ALB) contractors. These contractors delivered our chemistry under the direction of the USDA Aphis in the quarantined preventive treatment programs conducted in New York and Massachusetts. Mauget's IMICIDE® HP has been used in this program successfully since the first treatments were performed in Chicago in 2000. We are pleased to have been recognized as the treatment of choice for this devastating invasive pest by the USDA Aphis and their contractors. There are many products labeled for this insect so it makes us very proud to have once again been the #1 choice!

We recently reduced the price of IMICIDE HP®, the ALB product of choice, to recognize improved cost points from our suppliers and the volume pricing connected with the ALB project.

The Smart Shot™, along with our line of economically priced liquid loadable products, are now available in 3-6 & 5-10ml units. This heavy duty high quality injection device is lower pressure allowing a very small entry point (7/64" drill bit) and no expensive and unsightly plugs used by other high pressure injection systems. Additionally there is no fear of high pressure tissue damage and leaking chemical. Ask your distributor to see The Smart Shot™.

Our newest Antibiotic MYCOJECT ULTRA® has received EPA registration and is going through the state registration process at this writing. This new formulation (Hydro Chloride) of OTC is superior to our earlier Calcium Complex formulation we have offered for the past three decades. It moves much faster into the plant and tests show efficacy for listed applications is improved. Ask your distributor if this product is available in your state or contact us.

IMICIDE® has gone through a formulation change and will be available at your distributor in the near future. The new formulation while containing the same 10% AI (Imidacloprid) has a superior water compatibility ratio and shows significant improvement in translocation time. Try it - we know you will like it!

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Please contact Mary Peters—
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(mary@mauget.com) with
suggestions or topics you would
like to see in future issues

Mauget®



YOUR WINDOW OF OPPORTUNITY IS OPEN WIDER THIS FALL

There is still time to fertilize your trees.

Fall is the best time for fertilizing trees to build strong roots and overall strength. The vascular system will disperse and hold the nutrients until the tree comes out of dormancy in the spring, allowing the tree to use nutrients at its perfect time. As the pioneer of micro-infusion, Mauget has been the trusted resource for micronutrients since 1958.

- Micro-Infusion allows the largest window to fertilize in the fall
- Tree's vascular system available for nutrient uptake later in season than other methods
- Provides frost damage control, no need to fertilize in spring
- Fertilizer is in a completely enclosed container; user friendly



Stemix Plus



Vigor 53



The Right Way To Treat A Tree



Inject-A-Min
Iron-Zinc



Inject-A-Min
Manganese

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To find your local Mauget distributor go to www.Mauget.com.