

The Feeder Tube by

APRIL 2011

Notes from the Field, MIDWEST & NORTHEAST Spring 2011



By: Jim Rollins

Throughout most of the Midwest and Northeast it has been a winter which has brought an unusually high amount of snowfall. Green Industry professionals are looking forward to warmer weather and the opportunity to begin their spring services.

Frequently, this time of year, applicators contact me asking when they can begin their spring microinjection applications. Trees should not be injected until they have emerged from winter dormancy. This will generally happen when the soil temperature reaches around 45 degrees. Trees' emergence from winter dormancy will be visually apparent as the buds will swell and begin to open.

Although your Mauget distributor has replenished their inventory of Mauget products, it is a good idea to discuss your anticipated needs with them.

A Message From Nate Dodds

President of J. J. Mauget Co.



We at Mauget have been reflecting on the state of our national economy and the erosion which has taken place of our ability to competitively make quality products on our shores. Much has been said about the quality of products made off shore under American company banners not to mention some of the working conditions these off shore facilities offer their citizens. With that we are making a concerted effort with all of our suppliers to, where at all possible, specify products and raw materials be produced in the USA. We hope more companies and individuals will adopt this practice and see what a difference it might make in strengthening our manufacturing base.

Calendar of Events:

77th Annual Western
Chapter ISA Conference
and Trade Show
May 11 - 13, 2011
San Diego, CA

DID YOU KNOW?

The death of one
70-year old tree would
return over three tons of
carbon to the
atmosphere.

*A stricken tree, a
living thing, so
beautiful, so
dignified, so
admirable in its
potential longevity,
is, next to man,
perhaps the most
touching of
wounded objects.*

-Edna Ferber

Did you miss the date...

Just a friendly reminder! Now is the time to plan spring applications for fertilizations! This will help provide stressed trees with relief without the tree having to spend additional energy to pull the nutrients from the soil. For fertilization use Stemix Plus®.

As the seasons start to change, don't get caught without a plan. Most Mauget's insecticides can be used as both preventative and curative measures. These applications can be planned or made as needed. Depending on what part of the country you're from, your window of opportunity may be different.

For disease control, these applications need to be planned ahead of time to be beneficial to the trees. Application for Sycamore Anthracnose should be made in the spring at bud swell or at leaf drop in the fall. Applications for Fire Blight should be made prior to bloom.



Emerald Ash Borer Management Statement

It is probably safe to say that any professional Midwestern Arborist is familiar with the Emerald Ash Borer and the extensive damage that this insect is capable of inflicting on Ash Trees. Since this highly destructive insect began killing Ash trees in the United States, there has been a considerable amount of information as well as misinformation as to how to best deal with the Emerald Ash Borer.

This past winter, a group of people with EAB expertise including university scientists, commercial arborists, municipal foresters, public works officials, and non-governmental organizations, met and prepared an Emerald Ash Borer Management Statement. Among other good information, this statement reports that ***“Current science supports conservation via treatment as a sensible and effective tool for managing healthy ash trees in urban settings. In many cases, tree conservation is economically and environmentally superior to tree removal”***. The report goes on to state that the Environmental Protection Agency (EPA) has registered three systemic insecticides for control of EAB; one of those insecticide options is an Imidacloprid trunk injection.

Mauget's product Imicide® continues to provide a viable option in an Emerald Ash Borer management program. If you would like to read this statement in its entirety you may find it at, [eabconsensus.pdf](#).



Diseased oak discovered in SF's Presidio Park



SAN FRANCISCO—A diseased coast live oak tree has been discovered in San Francisco's Presidio park.

UC Berkeley scientist Matteo Garbelotto tells the San Francisco Chronicle that the oak was likely infected with sudden oak death by an ornamental plant in the garden of a nearby home.

The infected oak, near the Julius Kahn Playground, is one of the few native trees in the Presidio.

The 300-acre park has 60,000 trees, but there are only about 200 wild oaks.

The infected tree was spotted by an arborist for the Presidio Trust, which manages the interior 80 percent of the park for the Golden Gate National Recreation Area.

Garbelotto's lab determined it was the tree-killing sudden oak death. Tests haven't found any other infected trees.

R&D - APRIL 2011

Abacide 2® can control bark beetles in conifers. University research in Texas, investigating control Ips pine bark beetles has yielded interesting results. In studies involving a variety of insecticide with Abacide 2® being included, Abacide 2® at high dosages has been demonstrated to be effective in controlling ips. Abacide 2® is demonstrating to be an effective alternative to Inject-A-Cide® MSR.

Mycoject Ultra®, Oxytetracycline Hydrochloride 4.3%, was introduced for sale in spring of 2010. This formulation is a true solution and has improved drainage characteristics effective against various mycoplasmas. Even though an effective product, the material has a limited shelf life of 6 months. That is the active ingredient levels will drop below the 4.3% stated on the label. Mauget is investigating formulating to increase its shelf life.

Reports from the field are confirming that the new and improved Imicide's® rapid uptake. With this formulations background we are continuing to pursue improved water compatibility of our other existing products. We are also investigating other new pesticides formulations with new active ingredients.

Going Green with Mauget!

Mauget has been green from the beginning with over fifty years of environmental practices. In our continued quest to keep going green, we have implemented additional green practices. Some you will see and some you won't.

- The majority of 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 customers with re-useable injection devices.
- We have removed caution cards from individual packaging. If needed they can be requested from the distributor.

Please always try to reduce, reuse and recycle.



DON'T PANIC, WE'RE ORGANIC!

BY: MARIANNE WAINDL

It seems that there is more interest in truly organic products with proven performance in areas of the country with higher incidence of organic farming. States such as California, Oregon, Washington, Wisconsin, New York, Pennsylvania, and Minnesota are strong qualifiers. We are actively expanding our TreeAzin™ label to include more US insect targets like bronze birch borer (same genera as EAB) and are scouting sites with active populations of spider mite and scale. If you have an area that has 6-10 trees that we may include in our regional trials, please call Marianne Waindle at 916-717-3009.

Another "alternative" product to traditional fungicides are the potassium phosphites, in particular, ArborFos®. This product has suppressive effects on both fungi and bacteria and even has slowed the expansion of canker fungi such as *Coryneum* (formerly *Seiridium*) canker on Leyland cypress, Italian cypress, and *Botryoshaeria* canker on madrone or tip dieback on coast Redwood. Data also supports a reduction in pitch canker of southern and Monterey pine. Consider using this product in the late summer before leaves change color in anticipation of activity the following spring.

Ask

Ann:

By Ann Hope



Q. Why must I use a Hi-Helix drill bit? And why does it need to be sharp?

A. Hi-Helix drill bits are designed to shave the wood as opposed to tearing. This makes a more surgical type of injection site.

Great care needs to be taken when injecting trees. Using a sharp Hi-Helix drill bit allows for a clean "incision" into the tree.

You should replace the drill bit with every case of material used - after about 288 drill sites the drill may become dull.

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

MARKETING/PRODUCTION REPORT APRIL 2011

By: Nate Dodds

We have just completed the first quarter of 2011 and although the numbers are not completed the activity in orders and field feedback all point to a very exciting year.

We are getting strong activity for the liquid loadable products which are going through the state registration process in a demand oriented manner. The Smart Shots™ have been retrofitted with higher pressure springs to deliver 12-15# of pressure.

New formulation Imicide® and Mycoject Ultra® are receiving rave reviews from distributors and applicators both for reduced uptake time and efficacy.

Once again Mauget's Imicide® has been selected by Asian Long horned borer contractors as the injectible chemical of choice for this critical USDA quarantine eradication project.

Production, while being taxed to meet distributors demands, has been steadfastly running on time and current for all products.

Mauget, being a Smart Company member of JP Horizons, A Better Way Community, attended a Face to Face conference with approximately 40 landscape contractor companies at the campus of the University of Maryland. A high energy event was skillfully prepared and executed by Jim Paluch and his team. This high powered, interactive event was both stimulating and informative for all who attended.

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Please contact Mary Peters—
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suggestions or topics you would
like to see in future issues

Pakistan Floods Cause Incredible Phenomenon

What's going on in these pictures is incredible. It seems that the waters from last year's floods in Pakistan forced millions of spiders into these trees, creating these impressive images, according to the UK Department For International Development (DFID). Apparently the water took so long to recede that the spiders eventually turned the trees into cocoons.

While the DFID has been doing its part to help the flood survivors recover, including providing clean drinking water, medical support, and food, the spiders seem to be doing their part as well - they may be reducing the spread of malaria.

According to Wired and the DFID, the spiders' massive webs are likely capturing malaria-spreading mosquitoes, thus preventing the disease from spreading.

While the webs may have created an eerie landscape, the areas in which they appear seem to have significantly fewer dangerous mosquitoes than expected.



THE BEST CHEMISTRY.

Now reloadable.

Mauget's new Liquid Loadable injection system refills put you in control, letting you refill your preferred injection system with proven chemistry technologies from the pioneers in chemical tree care applications.

Current Liquid Loadable applications include:

- *Imicide and Abacide 2 insecticides*
- *Inject-A-Min Manganese and Stemix Plus fertilizers*
- *Arborfos fungicide*
- *Mycoject Ultra antibiotic coming in 2011*

With more than 50 years of expertise and countless university and field trials, Mauget chemistry provides results, trusted by tree care experts like you.



Inject the Best.

