

The Feeder Tube

by **Mauget**

OCTOBER 2006

ADVISORY BOARD MEETING

The Mauget Advisory Board will be meeting in Baltimore, Maryland on November 7-8, 2006 just prior to the Tree Care Industry Expo. The Advisory Board was developed to represent all Mauget distributors and to spotlight issues faced by them on a regular basis. Board members include:

Bonnie Moran
Arbor Care Inc.- CT

Dan Klaver
Midwest Arborist Supplies - MI

Jerry Pulley
Tree Clinic - TX

Larry Durant
Target Specialty - CA

Please contact any of the Board members with issues or concerns you would like brought to our attention at this upcoming meeting.

SEND US YOUR TREE PICTURES!

Mauget wants your before and after pictures of treated trees! Contact Mary Peters for details.

Did you know?

Some trees can "talk" to each other. When willows are attacked by webworms and caterpillars, they emit a chemical that alerts nearby willow of the danger. The neighboring trees then respond by pumping more tannin into their leaves making it difficult for the insects to digest the leaves.



The Elms of Curtis Park

By: Marianne Waindle
Mauget Western Sales Representative

The beautiful Elms in Curtis Park in Sacramento, CA are rapidly approaching old age and have succumbed to removal from structural problems and Dutch Elm Disease (DED). This summer there have been six trees lost on the north-west side of the Park to DED as well as 12 more in the neighborhood including 6 at the Sacramento Children's Home.

At maturity these large trees develop cavities high within the main trunk that can lead to major limb drop and thus pose a hazard to those below. The City of Sacramento Urban Forest Service responds on a request basis and if you have a question regarding your street tree, contact them at 916-808-6345.

When an elm is positively identified by lab testing to have DED, the City must remove the tree quickly to prevent beetles from spreading to nearby trees. Trees are also girdled at the trunk base to prevent root-graft transmission to adjacent trees. This summer Sacramento has lost at least 50 elms all over the City to Dutch Elm Disease.

The SCNA Board has learned that Mauget's newest fungicide ArborFos (phosphite) has successfully treated oaks for Sudden Oak Death in the Bay area and decided to use the same product on Curtis Park elms as a field trial. This project is funded by the SCNA in cooperation with the City of Sacramento and Pegasus Pest Control Company.

The loss of these wonderful elms identifies the need for the Curtis Park Neighborhood to revitalize its Tree Stewardship Program. Along with the City Urban Forest Division, SCNA will pursue a cooperative tree replacement program to include DED resistant trees but needs your assistance. If you or your family would like to 'adopt' a tree or provide safe-keeping by monitoring the tree's early progress, call the Sierra Two office (916-452-3005) and get on the list. The Sacramento Tree Foundation can provide information and training on monitoring elms for DED symptoms.

Should you wish to investigate treatment of your own street elm, there are several companies qualified to provide this service: Pegasus Pest Control, Tree Care Inc., and Kemper Tree Care. However, please contact Sacramento Urban Forest Services should you treat your street elm in order to assist the City with treatment information.

Calendar of Events:



**Society of Municipal
Arborists 42nd Annual
Conference & Tradeshow**
October 1-4, 2006
Asheville, NC

**2006 MAC-ISA Annual
Meeting**
October 2-4, 2006
Virginia Beach, VA



Desert Green
October 5-6, 2006
Las Vegas, NV



Green Industry Expo
November 2-4, 2006
Columbus, OH



Tree Care Industry Expo
November 9-11, 2006
Baltimore, MD



**Carolinas Golf Course
Superintendents
Conference**
November 13-16, 2006
Myrtle Beach, SC



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Production Gets New Tray Former

As production nears the end of the season they have just completed one of the smoothest seasons in the past several years. The Gen II 3 step capsules worked well with minimal defective units detected from field reports or internal QC. With our focus on increasing efficiency we have invested in a state of the art tray forming machine to mechanize this important labor intensive part of the production process reducing our requirements for temp/part time employees in season.



DISTRIBUTOR FOCUS "CORBIN TURF SUPPLY"

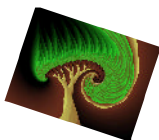
Corbin turf became a specialty distributor of Mauget Products after regional sales representative Jeff Hunter identified an opportunity to reach the golf course market in the fall of 2005. During their first full season distributing our products they have managed to contribute to 26% of the revenues from the southeast territory and contributed to the 31% growth in that market for 2006. Congratulations to Jeff Hunter for bringing this class distributor to our team and our thanks to Don Corbin and his team for becoming a part of the Mauget family.



Ask Ann:

By Ann Hope

Q. How long should it take for the capsules to drain into the tree?



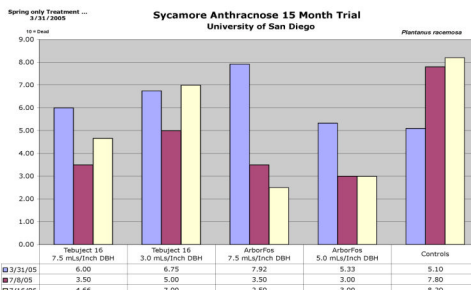
A. The rate a capsule drains varies as there are several variables that affect the process such as species of tree, time of year and location. Due to the airtight design, things like weather, atmospheric conditions and altitude can also have an effect on how fast a capsule drains. Typically a capsule will drain within minutes but if you encounter slow drainage, releasing the vacuum in the capsule can improve the speed of the uptake. This can be done by inserting the feeder tube onto the capsule and puncturing the membrane prior to inserting the tube into the pre-drilled hole. Also note that some materials such as Inject-a-side B usually drain rapidly, where as Mycoject drains much slower.

To insure uptake we also recommend that you use the manometer to measure the internal pressure of the tree before making the application. A tree under positive pressure will not uptake material.

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

USD TRIAL CONFIRMS MAUGET FUNGICIDES CONTROL ANTHRACNOSE

Research trials conducted at the University of San Diego have demonstrated that spring only, and spring followed with fall treatments with Arborfos, and Tebuject 16 controlled Sycamore Anthracnose over one season. Most notable was Arborfos used at 10ml/2" DBH (5ml/inch DBH) demonstrating control for 15 months with only one spring treatment, and enhanced control when fall treatment was added. Initial readings and treatments took place in late March of 2005 with repeated treatment in October of 2005 for some trees. Readings of the trees were taken in July of 2005 and July of 2006. Over all the treated trees showed very good disease suppression. An additional benefit noted with the Arborfos trees was much healthier looking foliage, and larger, greener leaves. The full study will be available at www.mauget.com.



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

The Feeder Tube is a quarterly newsletter published by the J.J. Mauget Co. Its goal is to provide information on what is new and what is "news" with Mauget and the tree care industry.

Happy

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FROM **Mauget**



FALL FERTILIZING



By: Jim Rollins—Mauget Great Lakes Sales Representative

Although the timing for most Mauget microinjections is during the spring and summer, the fall can be an ideal time to fertilize your trees with Mauget fertilizer microinjections. Trees in urban and suburban environments are often under high stress conditions due to low moisture availability, soil compaction, physical damage and competition from turf and nearby trees and shrubs. A fertilizer program may help reduce these environmental stresses.

Fall is usually the most effective application time to fertilize trees due to the uptake of nutrients prior to the start of growth the following season. Studies have shown that early shoot growth in the spring is almost entirely dependent on the level of dormant stored nutrients. In the past, it was theorized that a fall fertilizer application would promote less hardy growth that would be damaged in the winter. However, no research has verified this theory on woody ornamental landscape plants.

Fertilizing your client's trees in the fall can help you spread out your seasonal work load which is typically very heavy during the spring season. Traditionally you can expect cooler temperatures and sufficient rainfall during this time of year which means tree uptake will be good and leaf phytotoxicity will be highly unlikely. You may begin your injections now and continue into the fall as long as the soil temperatures are above 45 degrees. Once the soil temperature drops below 45 degrees, trees will begin going dormant and uptake will stop.