The Feeder Tube by Mauget

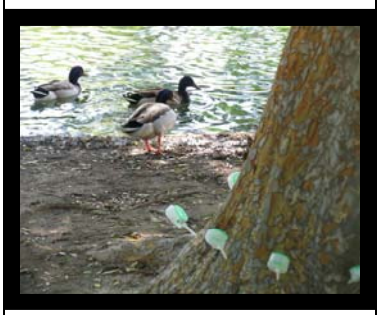
JULY 2008

NEW & HELPFUL TRAINING TOOLS COMING SOON!

Mauget is excited to announce that new and improved versions of the Self Study Course Powerpoint Presentations on CD will soon be available.

These new presentations will provide a vivid and thorough understanding of micro-injection technology including Micro-injection Tools and Techniques, Injection for Palms, Arboricultural Fertilizers and Micronutrients, Taking IPM to a New Level, and Instruction and Training for Inject-A-Cide Products.

Check back soon at www.mauget.com to purchase a Self Study Course or just the updated CD packet.



Trees are the best monuments that a man can erect to his own memory. They speak his praises without flattery, and they are blessings to children yet unborn.

-Lord Orrery, 1749

Summary
J. J. Mauget Red Oak/Wintermoth Trial
Boston, MA 2007-2008

Prepared by: Robin Spitko, Ph.D.
New England Fruit Consultants
Montague, MA
July 7, 2008

Winter Moth (*Operophtera brumata*) has become a perennial pest of oaks in eastern areas of Massachusetts. Considered an invasive species, this widely distributed insect was introduced from Europe to North America (eastern Canada) in the 1930s. Since then, Winter Moth has become widely distributed throughout eastern Canada as well as the western US and western provinces of Canada. Massachusetts is the first-known outbreak in New England.

The site used for this J. J. Mauget research trial is located in the W. Roxbury section of Boston, Massachusetts, in a planting of 150-year-old red oaks (*Quercus rubrum*), which have been perennially severely infected with Winter Moth for at least the previous three years. Trees were injected with J. J. Mauget's Abacide 2 in fall 2007 and early spring 2008 and Inject-A-Cide B in early spring of 2008. Trees were sampled in spring of 2008 and the number of Winter Moth-infested terminals was determined. All treatments at both timings resulted in similar and significant reductions in infestation compared to the untreated controls.

Abacide 2 at two different rates: one 3.0 ml capsule per dbh/2 and one 3.0 ml capsule per dbh, injected in autumn 2007, and Abacide 2 at one 3.0 ml capsule per dbh/2, injected in spring 2008, were equally effective in reducing infestation of Winter Moth in spring 2008.

Inject-A-Cide B at one 2.0 ml capsule injected in spring 2008 demonstrated the same efficacy as the Abacide 2 treatments.

All treatments reduced Winter Moth infestation of red oak to less than 15% of oak tree terminals infected, compared to 53% infestation of terminals of the untreated control trees, resulting in a 71% reduction in infestation. More to come, the full report will be available at www.mauget.com in mid-late July.

Calendar of Events:

ISA 84rd Annual Conference and Tradeshow
July 28 – 29, 2008
St. Louis, MO.

Nursery/Landscape Expo
August 15 -17, 2008
Houston, TX.

MAC-ISA
September 29 - October 2, 2008
Blacksburg, VA.

2007 SMA Annual Conference
October 12 - 15, 2008
San Diego, CA.

GIE + Expo
October 23 - 25, 2008
Louisville, KY.

DID YOU KNOW...

People who plant trees become healthier, better looking, richer, and have more friends (well maybe that's stretching it a bit) - plant a tree and find out!

QUARANTINE AIMED AT EAB

RICHMOND, Va. - The Virginia Department of Agriculture and Consumer Services has issued a quarantine in Fairfax County to halt the movement of ash trees and products to stem the spread of a tree-killing pest.

The emerald ash borer was discovered at two locations last week in the northern Virginia county.

The metallic green beetle feeds on the layer of wood just beneath the bark of the ash tree, cutting off water and nutrients.

The quarantine announced Wednesday prohibits the movement of ash trees and untreated ash lumber products, as well as cord wood that might contain ash trees.

Since its discovery in 2002, the emerald ash borer has spread to Ohio, Illinois, Indiana, Pennsylvania, Maryland, West Virginia and Virginia. It has also been found in Ontario, Canada.

In a Michigan State University study to control EAB, Mauget's Imicide gave 88% control of the larvae while Inject-A-Cide B was proven to be the most effective method for adults providing 100% control for over 80 days.

Ask Ann:

By Ann Hope

Q. I live in Southern California and we haven't had much rain lately. Will this affect how my trees respond to micro-injection and how can I ensure better uptake of chemicals into my trees?

A. With some parts of the country experiencing drought, **thorough irrigation is absolutely essential** for good uptake.

Always irrigate prior to any application of Mauget material. Not only will this help with the uptake, but also with the distribution of material throughout the tree, preventing phytotoxic symptoms.

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

MARKETING UPDATE

By: Nate Dodds—President

The second quarter of our year finished up in great position with zero backorders being held and due to record shipments with the early order program our production department has been able to maintain the flow of all customer demands.

We have had very positive results with trials for winter moth in the northeast and fusarium trials with Phoenix palms in the west. These positive results should translate into increased sales activity.

The QI-20 is still undergoing in house testing as a few remaining wrinkles are ironed out with the molders/engineers.

The Production quality check ramp up the previous quarter to insure that we provide the finest quality product available appears to be working. We have had zero complaints for mid season quality check issues for material produced this year.

We have had some excellent feedback on seminar results. Jerry Pulley of Tree Pharmacy in Texas reported that he had the highest interest level from his attendees he could recall in recent years. His mid year YTD sales are coincidentally up.

ATTENTION!!! LERP PSYLLIDS ARE BACK!!!

By Ann Hope

Attention applicators and distributors!! Heavy infestations of lerp psyllids (of all kinds) are being reported all over southern California. There have even been reports of Red Gum Lerp Psyllids on White Iron Bark Eucalyptus.

Red Gum Lerp Psyllids appear as a cone shape sugar like structure on the leaves. The insect builds a cover to protect itself while it sucks the life juices out of the tree. One symptom is severe defoliation. You will also find a sticky honeydew substance under the tree on the ground or on cars under the tree.

The Spotted Gum and Lemon Gum Lerp Psyllids look like small fish bones stuck all over the leaves. They too excrete a sticky honeydew substance.

An Imicide application followed by a Stemix Plus application should put this pest to rest for the season.

For more information, visit the University of California IPM website, at www.ipm.ucdavis.edu.

Information:
5435 Peck Road
Arcadia, CA 91006
(800) 873-3779
(626) 444-1057
Fax (626) 444-7414
mauget@mauget.com

Nate Dodds	Ext. 101
Charlie Dodds	Ext. 103
Ann Hope	Ext. 155
Javier Diaz	Ext. 104
Stephanie Monroe	Ext. 100
Miriam Anderson	Ext. 102
Mary Peters	Ext. 115

TECHNICAL SUPPORT
Ann Hope
(800) TREES - RX Ext. 155
(800) 873 - 3779 Ext. 155

REGIONAL SALES REPS

Jim Rollins (419) 360-1189
Midwest Sales Representative

Jeff Hunter (941) 735-0232
Southern Sales Representative

Jean Scott (410) 430-4108
Northeast Sales Representative

Marianne Waindle (916) 717-3009
Western Sales Representative

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