

# The Feeder Tube by Mauget

May 2008

## PRODUCTION NEWS

By: Nate Dodds  
President of J. J. Mauget Co.

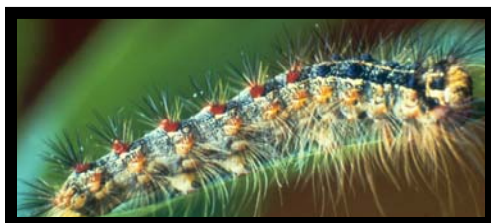
The second quarter of our year finished up in great position with zero backorders being held. In addition, due to record shipments with the early order program our production dept has been able to maintain the flow of all customer demands.

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.

## Did you know...?

Knocking on wood for good luck originated from primitive tree worship when rapping on trees was believed to summon protective spirits in the trees.

Other holidays repose on the past. Arbor Day proposes the future.  
- J. Sterling Morton



## GYPSY MOTH INVASION

By: Jean Scott

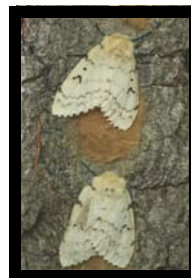
Gypsy Moth egg mass counts are at record levels in New Jersey, Maryland and parts of Pennsylvania. In New Jersey the egg mass count is the highest recorded since 1990.

Last year in New Jersey alone over 320,000 acres were defoliated and it is predicted that over 45,000 oak trees will die this year if defoliation occurs for a second time.

In Maryland arborists are concerned that the large numbers of caterpillars will defoliate trees in the Chesapeake Bay watershed leading to further problems with erosion and run-off into the Bay. The profound drought in the Mid-Atlantic in 2006 and 2007 has lead to severe drought stress on trees making them more susceptible to damage. The dry weather in April and May of the last two years resulted in the lack of the entomophaga fungus which helps keep the Gypsy Moth population in check. Populations of Gypsy Moth are exploding in Washington, Frederick, Garret, Montgomery, Howard, Carroll and Baltimore Counties in Maryland.

Oaks defoliated by Gypsy Moth are more susceptible to attack by two lined chestnut borer and other pathogens. The oak trees in New Jersey and surrounding states are also under stress from Bacterial Leaf Scorch which has been widespread throughout the oak population.

Mauget's Abacide 2 is being used to control Gypsy Moth larvae and other leaf feeding insects. Applications should be made as the leaves are expanding and the young caterpillars begin to feed. Once the caterpillars reach the 4<sup>th</sup>-5<sup>th</sup> instar and the damage is occurring rapidly, applicators should switch to Inject A Cide B (Bidrin) for fast knock down. Trees should be fertilized with Stemix Plus to aid in recovery.



## QI-20 UPDATE

By: Charlie Dodds—Vice President in Charge of Research & Development

In house testing has been taking place with the most recent versions of Mauget's newest technology, the QI-20. The plan has been that prior to releasing the system to our beta testers for expanded field testing, it must first pass muster with in house testing and we have made serious headway.

So far early dye studies have been conducted along with test applications of both Stemix Plus and Imicide. The dye studies will continue throughout the year where we can find trees that can be sacrificed on as many species as possible. Injections using Stemix Plus have so far worked flawlessly. Engineers have been analyzing both the material and design of the capsule, identifying minor adjustments to the system. After these tweaks have been made, there should be fresh parts for testing in the next few weeks. If all goes well with the next round of parts we will then release the system for beta testing.

## Calendar of Events:

Tree Clinic  
Pharmacy  
Tree Health Care  
Seminar  
May 30, 2008  
Houston, TX

## Did you catch Mauget in the news? ...

In case you missed it, be sure to check out the 50th Anniversary article about Mauget in the January 2008 issue of **Tree Care Industry Magazine** as well as the profile on Nate Dodds in the March 2008 issue of **Irrigation & Green Industry!**

## World's Oldest Living Tree Found in Sweden

From National Geographic April 14, 2008

The world's oldest known living tree, a conifer that took root at the end of the last Ice Age, has been discovered in Sweden.

While the visible portion of the 13 foot tall tree is not ancient, its root system has been growing for 9,550 years. Discovered in 2004, the lone Norway spruce represents the planet's longest living identified plant.

Researchers discovered the shrubby mountain survivor at an altitude of 2,985 feet in Dalarna Province. It is said the tree's longevity is largely due to it's ability to clone itself.

The spruce's stems and trunk have a lifespan of around 600 years, but as soon as a stem dies, a new one emerges from the same root stock.



## MAUGET TRAINING... BE PREPARED

Field reports indicate the introductory training seminar continues to be a valuable tool to bring new applicators into the micro-injection technology and to reinforce the skills of veteran applicators.

The self study course - soon to have new and improved Powerpoint presentations - also continues to be offered for those that cannot make a live hands-on seminar.

## Ask Ann:

By Ann Hope



### Q. Do I need a license to apply Mauget Fertilizer products?

A. Good Question! You do not currently need a license to apply Mauget fertilizers in the state of California... yet, but that is not the case in other places. There are several other states such as Florida where licensing or certification has become an issue. Always check your local and state regulations if you are unsure.

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

## TECHNICAL BULLETIN REMINDER

Production quality checking has been ramped up to insure that we provide the finest quality product available. With a minimal number of early season reports of lid cracking, an investigation revealed that the material failing was of a batch code 07-D,E,F or G only and in most all cases where the material was being applied at temperatures < 50°F. A technical bulletin was issued 4/23/08 to all Mauget distributors to advise on procedures in marginal temperature situations.

## ACT NOW

Ensure the life of your trees with the proven technology of micro-injection from Mauget. High Gypsy Moth egg mass counts have been reported in several states. Plan now to use Mauget's ABACIDE 2 for excellent, season long control.

- Environmentally friendly
- No drift
- No waste
- No pests



## ABACIDE 2

The Right Way To Treat A Tree



800-TREES-Rx 800-873-3779 [www.mauget.com](http://www.mauget.com) © J. J. Mauget Co.

## Planting Trees Is An Investment

Michael Loos  
Ohio State University Extension

When adding trees to your yard, view every tree you plant in the landscape, regardless of its location, as an investment. Expect it to last many years beyond your life. Carefully pick a location that will allow room for mature growth. For example, oaks (*Quercus* species) should be planted with plenty of room to spread. Smaller trees, like dogwood (*Cornus florida* or *C. kousa*) or serviceberry (*Amelanchier* species), require less space and are more suited to small yards.

Learn enough about the tree to know the conditions it will tolerate and how much care it will require. Above all, plant trees - lots of them. They clean the air, cool the ground and look beautiful.

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suggestions or topics you would  
like to see in future issues

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