



What's UP?

CoreTect 3-08

News from the Bayer Environmental Science Development Team

(Western)

Achieve Easy, Long-Lasting Insect Control in Landscape Plantings

A new product incorporating the proven performance of long-lasting Merit® insecticide plus a fertilizer is now available for use by lawn and landscape professionals, as well as golf course superintendents. CoreTect™ tablets may be applied directly to the soil for long residual insect control on both newly planted and established trees, shrubs and ornamentals.

Each 2.5 gram tablet contains 20 percent active ingredient plus 12-9-4 NPK fertilizer. Other product benefits include:

- Systemic action with same ingredient as Merit
- Applied directly to soil. No water or spray tanks needed
- Controlled-release for extended insect control
- Promotes growth and mediates stress

When plants are under stress, photosynthesis, water use and respiration become inefficient. Studies have shown that the survival and growth rates of both established and transplanted trees and shrubs are significantly increased when CoreTect tablets are used at planting.

Applied at transplanting or to established trees and shrubs, CoreTect tablets deliver long-lasting control of insect pests. Landscape contractors can avoid spraying pesticides and save on equipment and labor costs, while improving plant health. In addition, the use of CoreTect tablets allows professionals to easily protect plants in hard-to-treat locations.

Ease of application:

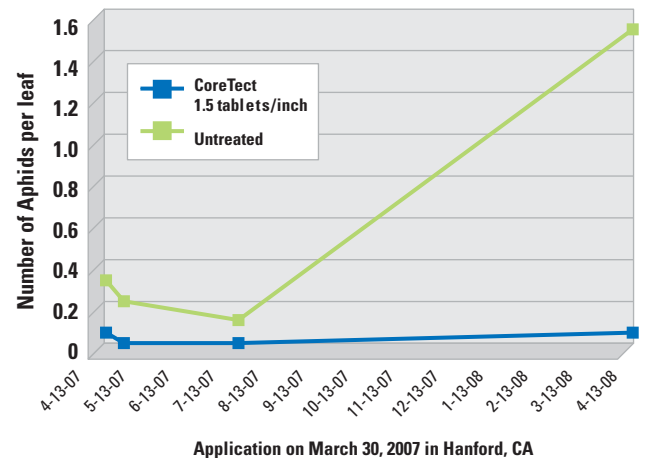
The CoreTect tablets are applied directly to the soil with **NO** water, **NO** spray tanks and **NO** foliar



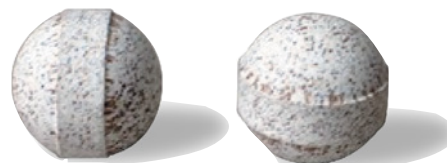
hackberry tree

Honeydew drips off a hackberry tree infested with Asian hackberry aphid.

Asian Hackberry Aphid Control with CoreTect Tablets



A 2007 trial in Hanford, Calif., compared aphid control with CoreTect tablets with an untreated check.



CoreTect Tablets

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application required. This is ideal for sensitive areas where spray drift and customer concerns are an issue.

The controlled release, systemic properties of CoreTect tablets allow for outstanding, season-long control of the most common damaging tree and shrub insect pests, including:

- Adelgids
- Aphids
- Round-Headed Borers
- Flat-Headed Borers
- Lace bugs
- Leafhoppers (*including glassy-winged sharpshooter*)
- Psyllids (*including Asian citrus psyllid*)
- Leaf-feeding beetles (*including tortoise beetles*)
- Leafminers
- Mealybugs
- Soft scales
- Whiteflies

Application tips: The labeled dose for CoreTect is 2-3 tablets per inch of trunk diameter (dbh) or foot of shrub height. For best results on established ornamentals, CoreTect tablets should be placed as close to the fine absorptive roots as possible. For most deciduous trees and shrubs, an adequate number of these roots are located within 6 – 24 inches of the truck, depending on the tree size.

Simply poke holes around the tree and put two or three CoreTect tablets in each hole, two to five inches below the soil surface, next to the plant. Ensure that the tablets are completely covered with soil after application.

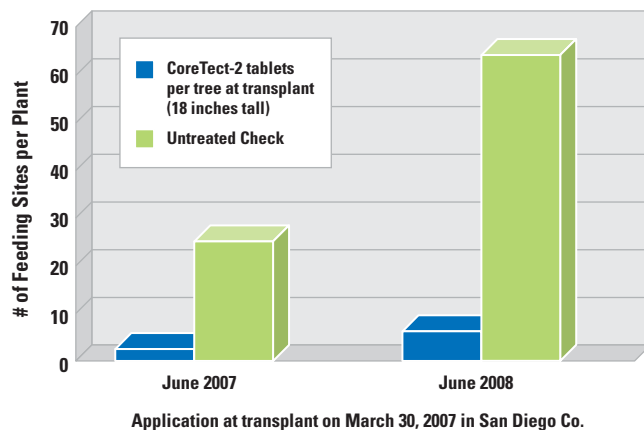
Improved stress tolerance: The active ingredient in CoreTect also helps the plant promote growth and mediate plant stress. Plants treated with CoreTect utilize energy more efficiently. Thus, the plant can more effectively fight the toxic effects of stress without depleting the energy needed for growth and flowering.



eucalyptus plant

Tortoise beetle injury to eucalyptus.

Tortoise Beetle Control on Eucalyptus with CoreTect Tablets



Numbers of feeding sites per plant were evaluated in June 2008 after a March 2007 application of CoreTect tablets at transplanting in San Diego County.

Improved stress tolerance + season-long insect control = healthier trees and ornamentals.

CoreTect is more than a product. It is an investment in healthy trees and shrubs. Please read and refer to the label for specific use directions.

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