

Pest Management Bulletin

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SEASONAL STRATEGIES FOR MANAGING PESTS – PROPAGATION THROUGH TRANSPLANT

Pest management begins and ends each growing season and each day with a plan. The cornerstones of a successful plan relies on time tested Green-Shield® and DuraGuard™ ME to control disease and insect pests. Build on this foundation with Camelot and total release products to control other stages of disease and insects and you have a plan.

Why is Prescription Treatment® brand Green-Shield disinfectant and algicide an important first step in any pest management program?

Fungal and bacterial disease pathogens are always present in the cropping area. When environmental conditions such as temperature, water and humidity are conducive to infection, disease can occur. On contact, Green-Shield disinfectant and algicide kills resting structures of disease pathogens (conidia) that exist in dust, debris and water.

Algae are usually present in any cropping area. Not only is algae unsightly and slippery, it is also the primary food source for shore fly larvae. Controlling algae with Green-Shield can be the key to reducing shore fly populations.

Use Green-Shield disinfectant and algicide on all non-crop surfaces.

- Dilution rate: one half ounce per gallon of water
- Use Green-Shield as often as is practical throughout the growing season on floors, benches, walkways, coverings, carts, conveyors, evaporative coolers, etc. before introducing a crop to the greenhouse.
- Spray Green-Shield on empty benches before introducing another crop.
- Train workers to utilize footbaths and to disinfect tools with Green-Shield before and after each use.

Why is DuraGuard ME such a reliable tool for early control of fungus gnats, shore flies and thrips?

Insects can be especially detrimental during propagation and transplanting. Migrations, introductions on plant material and hold over populations in the growing area are a few of the main reasons why your season starts off with fungus gnats, thrips, etc.

Due to the size of young seedlings and the importance of root development, fungus gnat can cause a serious setback. Tried and true DuraGuard ME will control fungus gnat larvae throughout the cropping cycle with low risk to your crop.



