

PINK HIBISCUS MEALY BUG CONTROL STRATEGIES & CURRENT CHEMICAL CONTROL RECOMMENDATIONS

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The following list of recommendations by the Florida Cooperative Extension Service comprises products that may be effective in treating Pink Hibiscus Mealybug (*Maconellicoccus hirsutis*) in nurseries or stock dealers. Additional materials will be added as available. For additional product information, labeled rates or guidelines for application, contact the local cooperative extension office.

For Quarantine Treatments:

Chemical	Application	Rate	Interval	Comments
Imidacloprid (such as Marathon) Dinotefuran (such as Safari) Thiamethoxam (such as Flagship)	Soil Drench	See Label Rates	Initial Treatment	Soil drench must be followed by a foliar application of either Bifenthrin, Chlorpyrifos or Acephate
Bifenthrin (such as Talstar)	Foliar Application	See Label Rates	Following Imidacloprid treatment	Apply with organosilicate surfactant such as Silwet or Sylgard. Follow up treatments as needed.
Chlorpyrifos (such as DuraGuard ME)	Foliar Application	See Label Rates	Following Imidacloprid treatment	Follow up treatments as needed.
Acephate (such as Acephate, Orthene)	Foliar Application	See Label Rates	Following Imidacloprid treatment	May be applied in conjunction with bifenthrin unless phytotoxicity prohibits.

For Preventative/Prophylactic Treatments:

Acephate (such as Acephate, Orthene)	Foliar Application	See Label Rates	As needed	Follow up treatments as needed.
Acetamiprid (such as Tristar)	Foliar Application	See Label Rates	As needed	Apply with organosilicate surfactant such as CapSil, Silwet or Sylgard. Follow up treatments as needed
Bifenthrin (such as Talstar)	Foliar Application	See Label Rates	As needed	Apply with organosilicate surfactant such as Silwet or Sylgard. Follow up treatments as needed.
Buprofezin (such as Talus)	Foliar Application	See Label Rates	As needed	Follow up treatments as needed.
Chlorpyrifos (such as DuraGuard ME)	Foliar Application	See Label Rates	As needed	Follow up treatments as needed.
Imidacloprid + Cyfluthrin (such as Discus)	Foliar Application	See Label Rates	As needed	Follow up treatments as needed.
Insecticidal Soaps	Foliar Application	See Label Rates	As needed	Follow up treatments as needed.
Pesticidal Oils	Foliar Application	See Label Rates	As needed	Follow up treatments as needed.
Pyrproxifen (such as Distance)	Foliar Application	See Label Rates	As needed	Apply with organosilicate surfactant such as Silwet or Sylgard. Follow up treatments as needed.

Note: Limited information is available concerning phytotoxicity of these products. Test on a few plants before application or consult the Cooperative Extension Agent. When using new materials, phytotoxicity trials should be conducted in your nursery under your specific conditions! The use of trade names in this publication is solely for the purpose of providing specific information. UF/IFAS does not guarantee or warranty the products named; and references to them in this publication does not signify our approval to the exclusion of other products of suitable composition. All chemicals should be used in accordance with directions on the manufacturer's label. Use pesticides safely. Read and follow directions on the manufacturer's label.