

RIFA free in

State of Hawaii
DEPARTMENT OF AGRICULTURE
Plant Quarantine Branch
701 Ilalo Street
Honolulu, Hawaii 96813-5524

APPROVED TREATMENTS FOR IMPORTED PLANTS AND PLANT PARTS IN MEDIA FROM RIFA INFESTED AREAS.

Plants and plant parts in media imported from red imported fire ant infested areas may be treated with the following approved treatments. Treated plants will not undergo a 5-day hold for a 100% inspection. They will be inspected at the port of entry and released if free of pests.

Plants must be either drenched or immersed with the following treatments (follow all label directions):

DRENCH

1) Emulsifiable Chlorpyrifos (Dursban or Lorsban)

- a) Containerized plants.
 - i) Apply the chlorpyrifos solution to the point of saturation
 - ii) The volume of the solution must be at least 1/5 (20%) of the volume of the container.
- b) Balled and burlap plants
 - i) Apply the chlorpyrifos solution as a substitute for plain water to the plants during the routine watering activities.
 - ii) Do not remove burlap wrap from plants prior to treatment.
 - iii) Treat plants singly or in groups with the chlorpyrifos solution to the point of runoff on a twice daily schedule for 3 consecutive days.

2) Bifenthrin (Talstar)

Dosage rate is 25 ppm. The amount of formulation needed to achieve 25 ppm varies with the bulk density of the potting media. Use the following chart to calculate the amount of formulation needed to achieve 25 ppm. Use proportional amounts for potting media with bulk densities not listed. The amount of formulation used for each plant is generally 1/5 the volume of the container.

| Potting media bulk density (lbs./cubic yard) | Fluid ounces of bifenthrin in 100 gallons to achieve 25 ppm |
|--|---|
| 200 | 2.4 |
| 400 | 4.8 |
| 600 | 7.2 |
| 800 | 9.6 |
| 1000 | 12.0 |
| 1200 | 14.2 |
| 1400 | 16.8 |

IMMERSION

- Pesticides:**
- a. Diazinon 50WP (2 lbs/100 gallons of treating solution), or
 - b. emulsifiable chlorpyrifos (4 fl. oz./100 gallons of treating solution).

Procedure: Locate immersion container or basin in well-ventilated, RIFA-free area. Do not remove burlap wrap or plastic containers with drain holes prior to immersion. Immerse balls and containers, singly or in groups, so that media is completely covered by solution. Plants must remain in solution until bubbling ceases. Plant balls should have space between them when grouped in trays, baskets, or other dipping containers. After removal from dip, plants may be set on drainboard until adequately drained. Thorough saturation of the plant balls or containers with the insecticide is essential.