



Sound Horticulture

1050 Larrabee Ave. Suite 104 #365
Bellingham, WA 98225 USA
info@soundhorticulture.com
www.soundhorticulture.com
360-656-6680

How to Build a *Dalotia coriaria* Breeder Box:

- 1) Take a Styrofoam box, roughly 12" x 12" or 8" x 16"
- 2) Cut two holes on either end with a sharp knife, at least 2" in diameter for good airflow.
- 3) Fill the box to about 3" with some good, organic potting soil, and/or compost rich medium. Water in.
- 4) Get some Koi Fish food (high in chiton, which is a great food for insects.) Grind the Koi food with mortar and pestle or in a coffee grinder.
- 5) Sprinkle approximately 3 tablespoons to the top surface of the box. Add a little ground up Koi food every week.
- 6) Release at least 500 *Dalotia* into the box. Pop the lid on tight!
- 7) Set the box in a nice humid, shaded area, underneath greenhouse benches, where the *Dalotia* can get a quiet foothold, and eat peacefully for a bit.

Soon, they will start breeding, the adult females laying eggs right into the soil. The juveniles will pupate in the soil system, and when they reach adulthood, emerge from the soil. When the *Dalotia* are feeling crowded, after a few weeks, they will emerge from the holes in the box, and take short - hopping flights up into the plant system, seeking Thrips pupae in the soil, as well as Fungus Gnat and Shore Fly larvae, and other assorted prey in the canopy. They are vigorous searchers and will find their way around your growing system.

IMPORTANT!! No need to disturb the crusty surface of the soil in the box, even if a little "bread mold" forms on the surface. Do not allow the medium to be wet, just keep moderately moist. If a little algae forms, this is a good thing!

Periodically check the vigor and activity of your Breeder Box, and refresh as needed.