

## Integrated Program in Ornamental Plant Nursery

**Products:** EcoFungi & EcoFlora      **Trial setting:** Commercial nursery  
**Crop:** *Sansevieria trifasciata*      **Location:** Miami, Florida

Two varieties of *Sansevieria trifasciata*, also known as *Dracaena trifasciata* were used in a trial at The Jungle Nursery, located at 29100 SW 162nd Ave, Homestead, FL 33033. Three gallon pots were filled with potting mix holding 35 grams of slow release fertilizer per pot. Pots to be used with treated plants were filled with potting mix holding 28 grams of fertilizer, representing a fertilizer reduction of 20% in the treated plants. Bare stumps were planted in all pots.

One kilogram (2.204 lbs) of EcoFungi was dissolved in 100 gallons of water (378.5 L) and 33 ounces (975.9 ml) of this suspension were drenched in each treated pot just after planting. Control plants received the same amount of pure water. Six thousand plants were treated and a similar number were used as controls.

Every week the treated plants were sprayed with a solution made with EcoFlora diluted in water at 0.1% (W/V) (13 ounces of EcoFlora in 100 gallons – 384 ml in 378.5 L). Control plants were treated with chemical pesticides following their standard protocol.

After one month of culture, three plants were picked randomly from the control and the treated pots. The substrate was removed to free the root mass, and pictures were taken of the complete plants.

Control (red flagged) and Treated plants (yellow flagged)





Control plants (3) on the left side, and treated plants (3) on the right side

