concentric™
THE PHYTO-MICROBIOME COMPANY

FIELD TRIAL RESULTS AND RECOMMENDATIONS

2017

CANTALOUPE TRIAL

WITH SOUTHEAST AG RESEARCH

TRIAL DESIGN

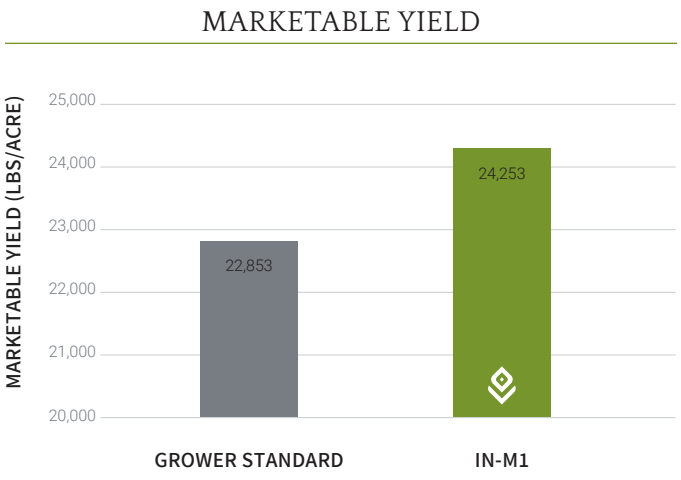
- Efficacy trials took place in 2017 at Southeast Ag Research in Chula, Georgia (Athena variety).
- The trials were randomized complete block design and involved two treatments with six replications.
- IN-M1* was applied at three timings:
  1) At seed planting via in-furrow application
  2) At first bloom via drip irrigation
  3) Two weeks after first bloom via drip irrigation
- Application rates were a 1% solution at seed planting, and 1 gallon/acre for the subsequent two applications.

FIGURE 1: Site of the cantaloupe trial in Chula, Georgia.

FIGURE 2: Cantaloupes growing in a similar trial in Southwest Arizona.

*IN-M1 is currently labeled as INOCUCOR GARDEN SOLUTION® in the United States and INOCUCOR IN-M1 (0-0-0.2) SYNERGRO® in Canada.

RESULTS



- IN-M1 increased the proportion of marketable yield from 22,853 lbs/acre in the grower standard to 24,253 lbs/acre when treated. Given the difference in marketability compared to the grower standard, this represents a 6% increase in yield.

RECOMMENDATIONS

Apply following protocol established in research trial:

RATE	TIMING
1% transplant drench or in-furrow application	At transplant or at seed planting
1 gallon/acre	At first bloom and again two weeks later

IN-M1 (currently labeled as INOCUCOR GARDEN SOLUTION® in the U.S. and Inocucor IN-M1 (0-0-0.2) SYNERGRO® in Canada) is a microbial technology for growers that helps sustain robust plant growth, impart vigor and enhance yield. It is designed to be active across a diverse range of specialty produce, geographies and for all types of modern growing systems from field to greenhouse to hydroponics, for both organic and conventional growers. More robust plants can better deal with the challenges of production agriculture, including transplantation of seedlings, poor soil, extreme weather and other biotic and abiotic stresses.

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