concentric™
THE PHYTO-MICROBIOME COMPANY

FIELD TRIAL RESULTS AND RECOMMENDATIONS

2017

WATERMELON TRIAL

TWO TRIALS: GEORGIA & ARIZONA

TRIAL DESIGN

- Efficacy trials took place in 2017 at both Southeast Ag Research in Chula, Georgia, (Kingman-variety) and the RD4AG River Ranch Research Farm in Yuma, Arizona (Fascination-variety).
- The trials were randomized complete block design and both involved two treatments with six replications.
- Concentric's 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
- In the Southeast Ag trial, the application rate was a 1% solution at seed planting, and a rate of 1 gallon/acre for the subsequent two applications.
- In the RD4AG trial, the application rate was a 1% solution at seed planting, and a rate of 2 gallons/acre for the subsequent two applications.

FIGURE 1: Watermelons at the Southeast Ag site in Chula, Georgia.

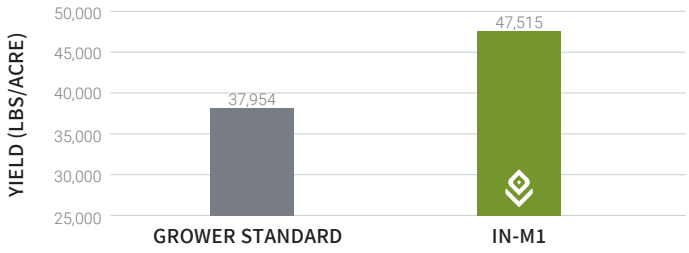
FIGURE 2: Southeast Ag Research site in Chula, Georgia.

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

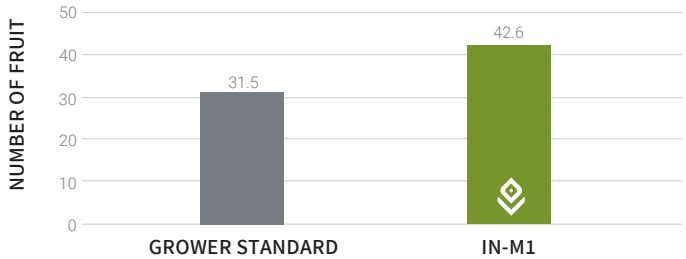
RESULTS

SOUTHEAST AG

MARKETABLE YIELD – SOUTHEAST AG



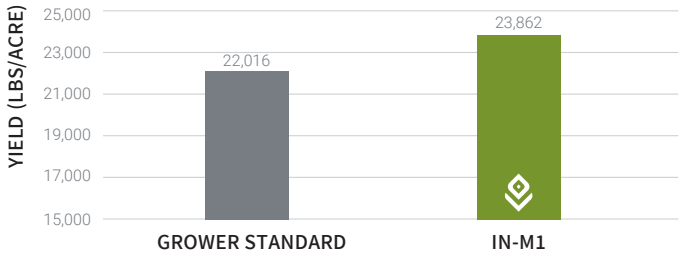
NUMBER OF 45-SIZED FRUIT – SOUTHEAST AG



- Treated plots showed an increase in both marketable yield and premium-sized fruit.
- IN-M1-treated areas yielded a total of 47,515 lbs/acre compared to 37,954 lbs/acre in the grower standard. This represents a 25.2% increase in yield.
- IN-M1 increased the number of 45-sized fruit harvested in the trial. Compared to the grower standard, treatments increased yield of premium fruit by 35.2%.

RD4AG

MARKETABLE YIELD – RD4AG



- IN-M1-treated areas yielded a total of 23,862 lbs/acre compared to 22,016 lbs/acre in the grower standard. This represents an 8.4% increase in yield.

RECOMMENDATIONS

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.

WWW.CONCENTRICAG.COM

TO LEARN MORE ABOUT IN-M1, CONTACT:

RON RESTUM

VICE PRESIDENT, SALES & COMMERCIAL DEVELOPMENT

M: 316-744-5260

RRESTUM@CONCENTRICAG.COM