concentric™
THE PHYTO-MICROBIOME COMPANY

SUMMER 2017

PEACH TRIAL
WITH CLEMSON UNIVERSITY

TRIAL DESIGN

- Trial conducted through Clemson University, at the Musser Fruit Research Farm in Seneca, South Carolina, to evaluate the effectiveness of IN-M1* on peach yield and fruit quality.
- Twelve 6-year-old peach trees (*Prunus persica* cv. Redglobe), grafted onto Guardian™ root stock, were selected within a 0.5-acre (0.2-hectare) orchard. The density was 405 trees/acre (1000 trees/hectare).

TREATMENTS

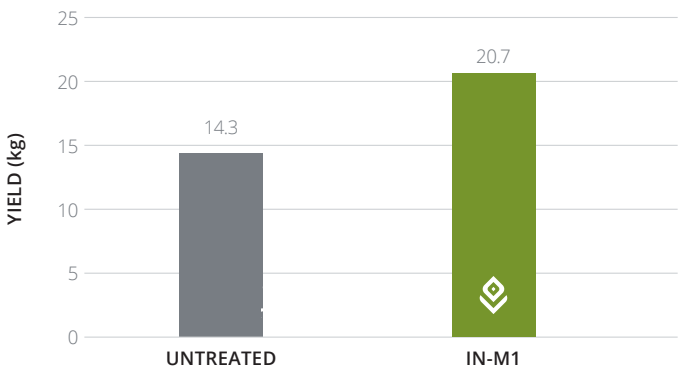
- All trees were grown under "grower standard conditions," following commercial fertilization, pest management and weed control practices. IN-M1 was not mixed with any fungicide, insecticide or fertilizer, and other grower standard applications were always made a minimum of three days before or after the application of IN-M1.
- Treatments were applied at bud break (20% bloom, March 6, 2017), at full bloom (March 9, 2017), and 30 days after bloom (April 7-11, 2017). The first application was a soil drench using a watering can. The second and third applications involved a soil drench as well as foliar spray, using a backpack sprayer to runoff. Control trees received water, both foliar and drench, at the same intervals.
- IN-M1 was applied at 0.75 oz/tree (22.5 ml/tree) which corresponds to 1 gal/ac (9.35 L/ha).

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

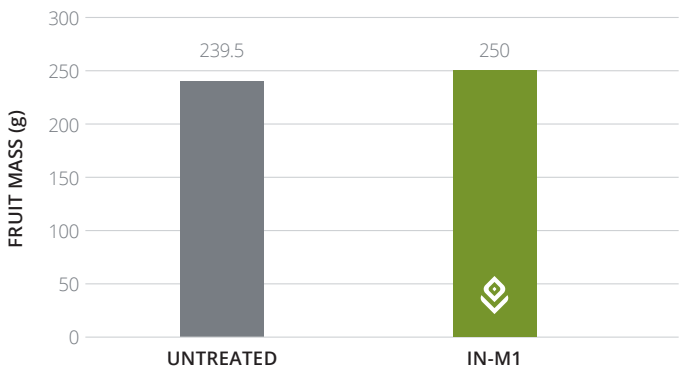
HARVEST & RESULTS

- Fruit was harvested at commercial ripening stage in three picks between June 21 and July 3, 2017.
- Concentric-treated trees yielded on average 20.7 kg/tree, compared to the untreated trees which yielded 14.3 kg/tree. Though not a statistically significant difference, this represents a 44.7% increase in yield.
- Fruit from the treated trees was slightly larger, with an average diameter of 80mm compared to the untreated diameter of 78.6mm.
- No differences were seen in BRIX, acidity, or BRIX/acidity ratio between treatments.

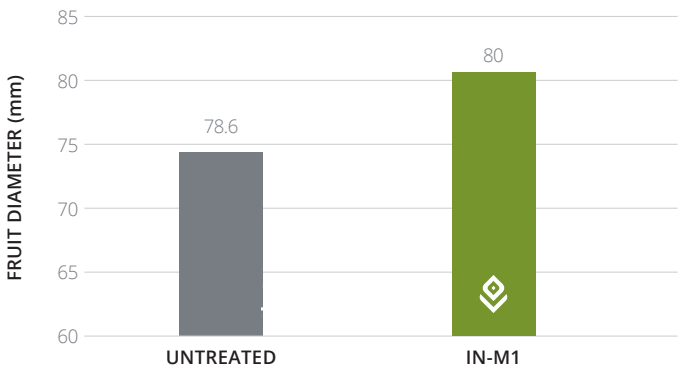
AVERAGE YIELD / TREE (kg)



AVERAGE FRUIT MASS (g)



AVERAGE FRUIT SIZE (mm)



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

OMRI LISTED For Organic Use

Canada

REGISTERED cdfa ORGANIC INPUT MATERIAL

Pro-Cert APPROVED INPUT

TO LEARN MORE ABOUT IN-M1, CONTACT:

RON RESTUM

VICE PRESIDENT, SALES & COMMERCIAL DEVELOPMENT

M: 316-744-5260

RRESTUM@CONCENTRICAG.COM