



FIELD TRIAL RESULTS AND RECOMMENDATIONS

SPRING 2017

PECAN TRIAL WITH SOUTHEAST AG RESEARCH

TRIAL DESIGN

- ◆ Trial established through Southeast Ag Research in Chula, Georgia, as a randomized complete block design with six replications.
- ◆ Trial conducted on Sumner variety pecans.
- ◆ IN-M1* was applied through drip line irrigation at rates of 0.5 gallons/acre, 1 gallon/acre, and 2 gallons/acre at three treatment timings:
 - 1) Bud break (May 3, 2017)
 - 2) Early pollination (June 1, 2017)
 - 3) Late pollination (June 22, 2017)



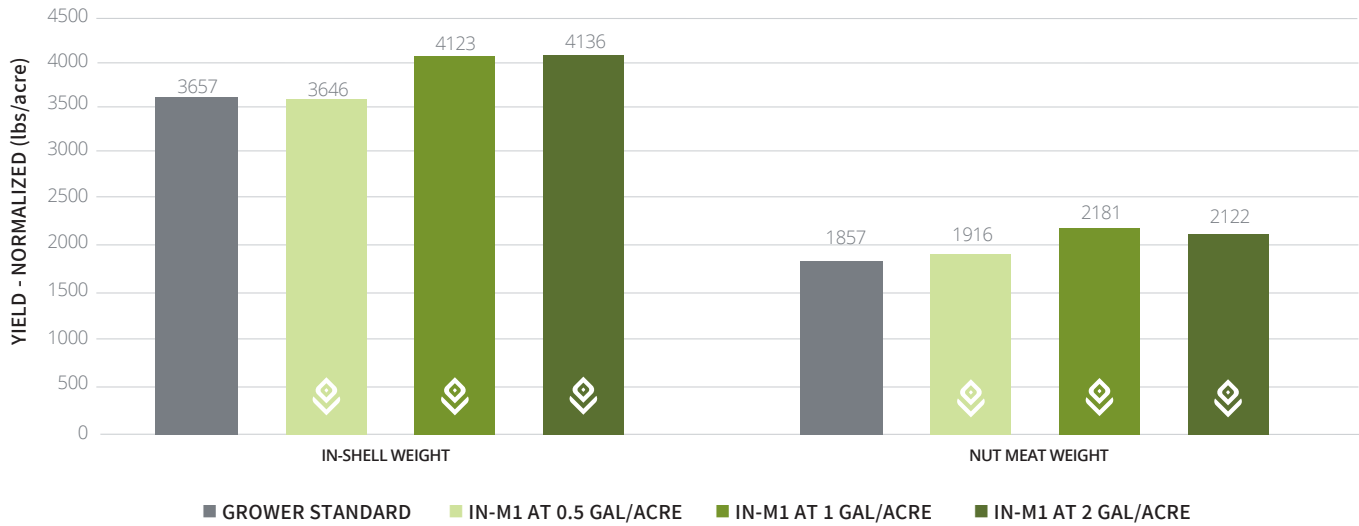
RECOMMENDATIONS

RATE	TIMING
1 gallon/acre	Apply via drip irrigation at bud break, early pollination and late pollination.

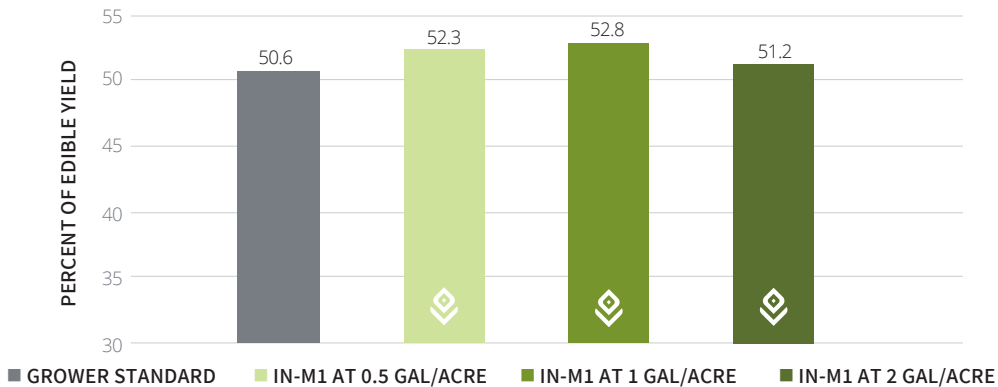


RESULTS

PECAN YIELD COMPARISON



PECAN QUALITY



- ◆ Treatment with IN-M1 showed consistent numerical improvements. In-shell yield of the treated areas was 4123 lbs/acre at a rate of 1 gallon/acre and 4136 lbs/acre at a rate of 2 gallons/acre. Compared to the grower standard yield of 3657 lbs/acre, this represents yield increases of 12.7% and 13.1%, respectively.
- ◆ The yield of nutmeat was increased through treatment of IN-M1, by 17.5% at 1 gallon/acre and 14.2% at 2 gallons/acre. The percentage of edible yield was also increased by as much as 2%.

IN-M1 (currently labeled as GARDEN SOLUTION® in the U.S. and SYNERGRO® in Canada) is a microbial technology for growers that sustainably improves plant health, boosts root and plant vigor, and increases yield, consistency and quality. It is designed to be active across a diverse range of high-value 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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TO LEARN MORE ABOUT IN-M1, CONTACT:

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