

FIELD TRIAL RESULTS AND RECOMMENDATIONS

FALL & WINTER 2017-2018

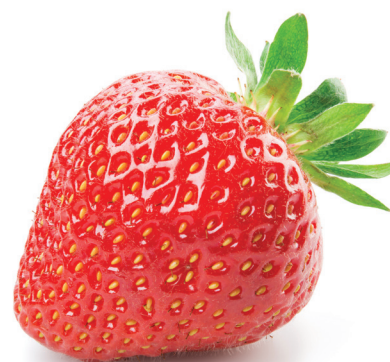
STRAWBERRY TRIAL WITH FLORIDA AG RESEARCH

TRIAL DESIGN

- ◆ The trial was conducted on Sensation variety strawberries by Florida Ag Research in Dover, Florida.
- ◆ The trial utilized a randomized complete block design and involved two treatments, each with six replications.
- ◆ The strawberries were planted on October 16, 2017. Applications of IN-M1* (1 gallon/acre) were made every two weeks from October 30 to February 6 via drip irrigation.



FIGURE 1: Conventional strawberries growing in Florida.



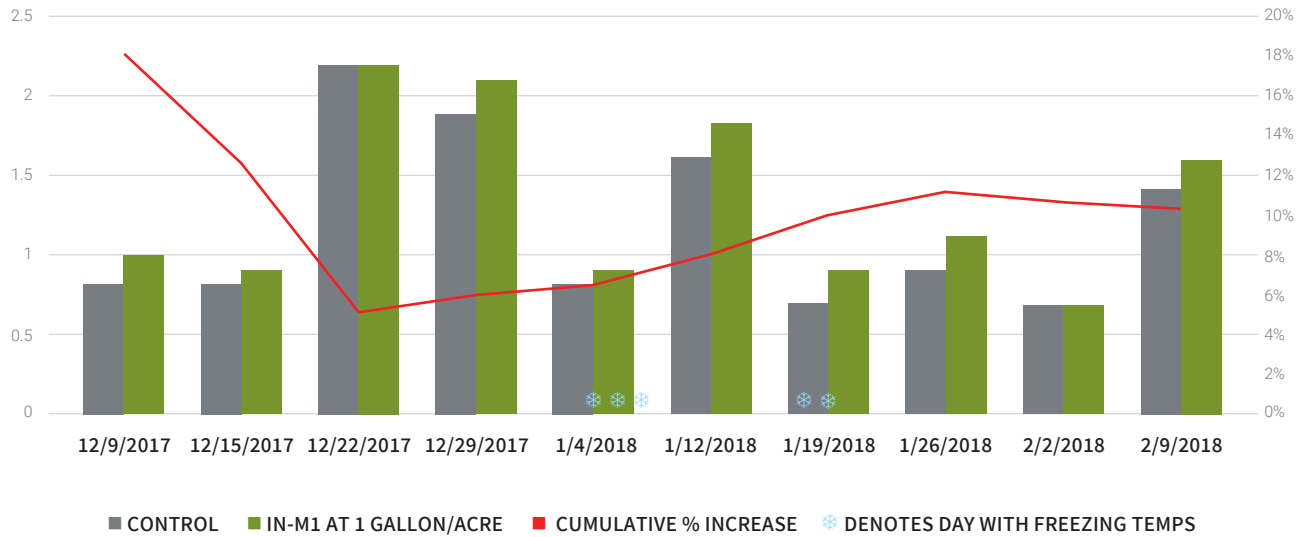
RECOMMENDATIONS

RATE	TIMING
1 gallon/acre	Apply every two weeks through irrigation system.



RESULTS

YIELD BY PICK DATE (KG)



CUMULATIVE YIELD										
	12/9/2017	12/15/2017	12/22/2017	12/29/2017	1/4/2018	1/12/2018	1/19/2018	1/26/2018	2/2/2018	2/9/2018
Untreated control	0.8	1.6	3.9	5.8	6.6	8.2	8.9	9.8	10.5	11.9
IN-M1 1 gal/acre	1.0	1.8	4.1	6.1	7.0	8.8	9.8	10.8	11.6	13.1
Cum. % Increase	18%	12%	5%	6%	7%	8%	10%	11%	10%	10%

- ◆ There were 10 weekly pick dates from December 9 to February 9.
- ◆ The trial experienced adverse weather conditions in the form of multiple freezes in January. The following dates experienced freezing temperatures:

1/4	1/5	1/6	1/18	1/19
27° F	28° F	31° F	25° F	31° F

- ◆ The control group yielded 11.9kg, while the IN-M1-treated block yielded 13.1kg. This translates to a yield increase of +10.1%.
- ◆ The treatment of 1gallon/acre yielded 2,273 lbs/acre higher (10.1%) than the grower control, which translates to a \$3,182 revenue increase per acre*.

*Based on 2017 USDA Florida data — 225 cwt/acre, \$140/cwt, \$31,500 revenue/acre

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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