

# MELONS

## CROP ADVANTAGE



**Soil-Set<sup>®</sup>, Crop-Set<sup>®</sup>, Agro-Mos<sup>®</sup> and Galvanize Contact<sup>®</sup> work together to give melons an advantage for increased yields and marketable quality.**

### SOIL HEALTH

Use **Soil-Set** to:

- Enrich soil characteristics with an improved symbiotic relationship between the microbial populations in the soil and plant.
- Maximize nutrients available to the plant.

### CROP DEFENSE

Use **Agro-Mos** to:

- Strengthen a melon crop's ability to fight off disease.
- Prime a crop's internal and external defense mechanisms.
- Manage external pests throughout the growing season.

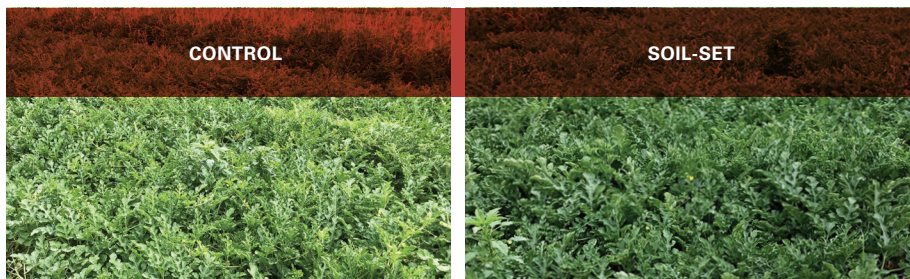
Use **Galvanize Contact** to:

- Quickly support plants during stress to minimize potential growth limitations.
- Give plants vital nourishment to develop an effective defense system.

### CROP DEVELOPMENT

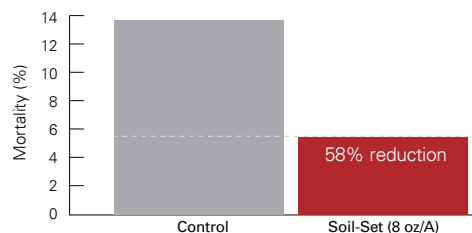
Use **Crop-Set** to:

- Boost melon quality and marketable yield.
- Naturally stimulate chlorophyll production, bolstering a plant's metabolic processes and overall performance.



**Soil-Set** treated plots were greener and exhibited less wilt, indicating healthier roots and better stress resistance.

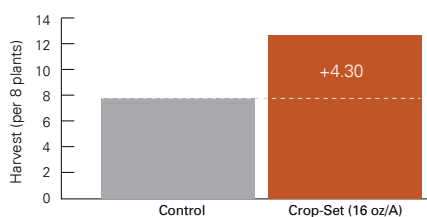
Percent Mortality/Wilt



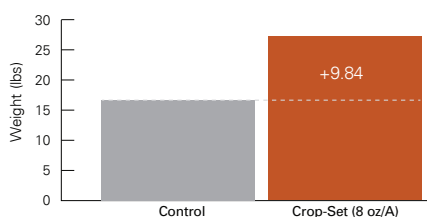
*Trial conducted with third party in Georgia.*

**Crop-Set**-treated plots delivered more, heavier melons and increased root growth.

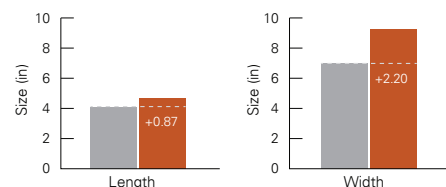
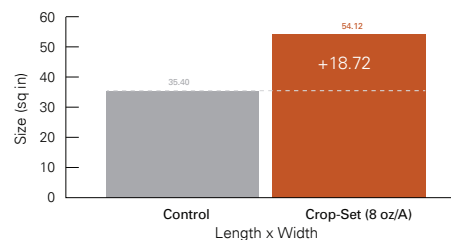
Total Number of Watermelons



Pounds of Watermelon

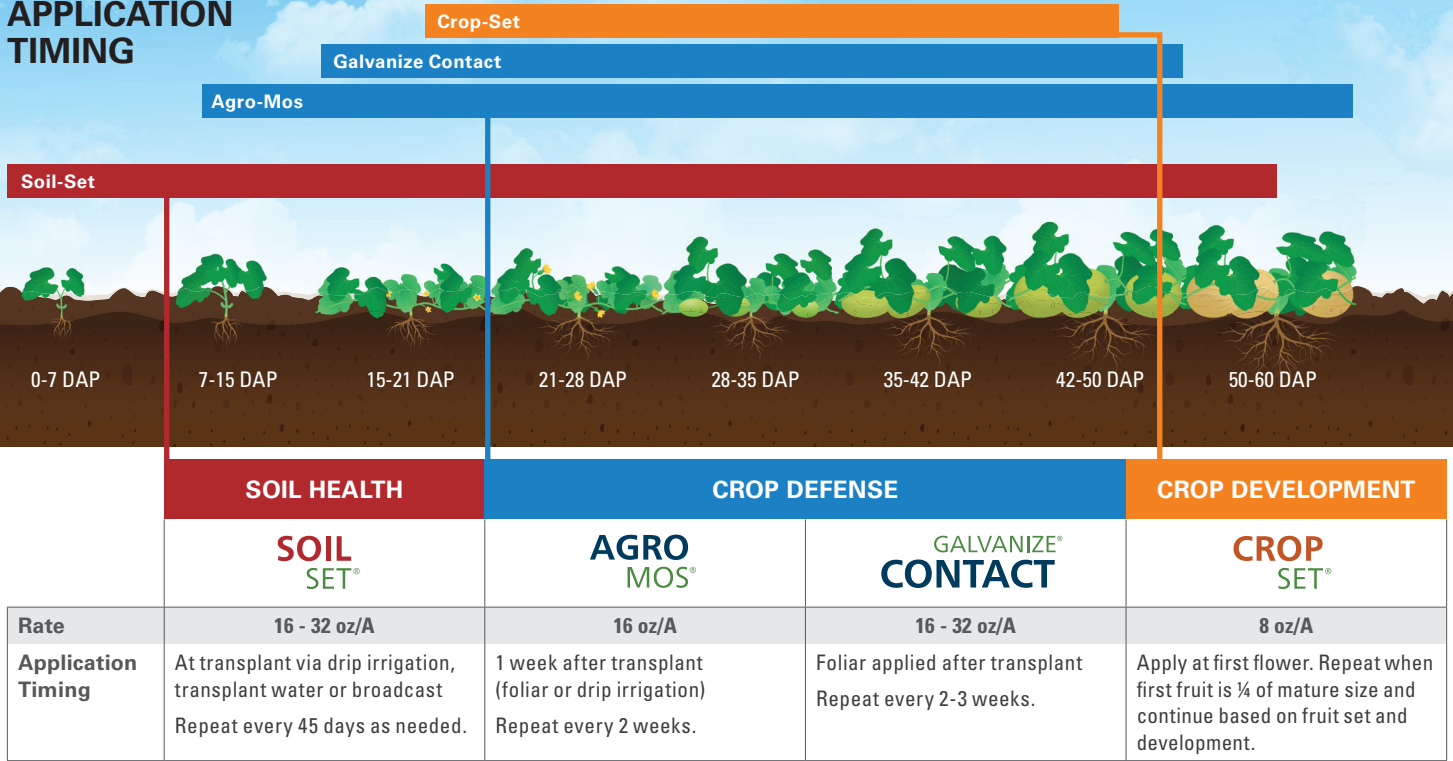


Watermelon Root Size



*\*Third party trial conducted in Jupiter Farms, Florida.*

# APPLICATION TIMING



## SCIENCE-BASED SUPERIORITY

In contrast to live microbial products, which require fostering a viable culture in precise environmental conditions, our products use the beneficial metabolites produced by microbes – not the microbes themselves. The result is a consistent, effective product every time.

### About fermentation and metabolite technology

HELM's crop advantage products are manufactured by Alltech Crop Science using a precise, controlled fermentation process that yields fermentation metabolites. These metabolites have a beneficial effect on soil and crops and act like the "active ingredient" of the product. They won't feed harmful microbes or pathogens, and, in many cases, will outcompete pathogens to reduce plant stress.

Metabolites are used based on their benefit and become the basis for products.

### Where our fermentation- and metabolite-based products win:

- Stable and stand up to most on-farm storage conditions.
- Can be stored for multiple growing seasons without compromising quality.
- Compatible with most tank mix chemicals.
- Produced in a laboratory setting for high precision, uniformity and consistency with every batch.

Geek out on **more** fermentation science:



**Give this year's melon crop the ultimate advantage.**

Reach out to your regional HELM sales rep today.



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