



**A RESEARCH TRIAL ON WATERMELONS** was conducted at a production greenhouse to observe the effect of AZOMITE® on the growth, production and quality in a small-plot trial. The test consisted of four treatment groups: One using a combination fertilizer at 660 lbs/acre; A silica fertilizer at 396 lbs/acre + combination fertilizer = 660 lbs/acre; AZOMITE at 396 lbs/acre + combination fertilizer = 660 lbs/acre; and a control group. Each treatment was randomly replicated three times, with a plot size of 323 ft<sup>2</sup> (134.86<sup>th</sup> of an acre). Fertilizers and additives were blended and added to the soil, followed by the seedlings in April, with harvesting in July. The thickness of pericarp, sugar content in the center of the fruit as well as in the peripheral region, were recorded. Pest control and irrigation management were identical among all the treatments.

### AVERAGE YIELD in tons/ac

13.7

untreated  
control plots

15.4

combination fertilizer  
plots

15.8

silica fertilizer +  
combo fertilier plots

16.8

AZOMITE® +  
combo fertilizer plots

### AZOMITE® BENEFITS AT A GLANCE

- AZOMITE® was able to improve growth rate, development, and viability
- AZOMITE was able to increase the central sugar content in watermelon when compared against the control, combination fertilizer and silica fertilizer by 0.85, 1.25, and 0.25 degrees, respectively.
- AZOMITE was able to increase the yield of watermelon over all other treatments, from 22.31% over the control to 6.00% over the silica fertiliz-

# AZOMITE® SNAPSHOT



TREATMENT	Pericarp thickness, in.	Central sugar (%)	Peripheral sugar (%)
Untreated Control	0.31	10.70	9.85
Combination fertilizer	0.34	10.30	9.35
Silica fertilizer + combo fertilizer	0.28	11.30	10.00
AZOMITE® + combo fertilizer	0.27	11.55	10.20

TREATMENT GROUP	Vine Length (in)	Flowers per plant	Fruits per plant
Untreated Control	74.88	8.0	2.40
Combination fertilizer	87.4	8.33	2.47
Silica fertilizer + combo fertilizer	85.78	8.35	2.50
AZOMITE® + combo fertilizer	90.62	8.55	2.58



**WHAT IS AZOMITE®?** AZOMITE is a uniquely natural mineral product mined in central Utah, USA. For more than 70 years, crop producers have used AZOMITE to support plant growth and vitality. AZOMITE is OMRI and CDFA listed for use in certified organic production. Research shows AZOMITE increases yield, grade out and quality in agricultural crops; increases nutrient availability in the soil and uptake in plants and turf, and contains minerals that may improve a plants natural ability to handle stress, while increasing the plant's capacity to withstand drought and temperature fluctuations.