AZOMITE SOIL PRODUCTS, LLC

PUMPKIN RESEARCH

A research farm in Holtwood, PA tested their standard pumpkin fertilizer program* against that program including two rates of granular AZOMITE® on Gladiator Pumpkins. All fertilizer was broadcast on the plots three weeks after planting in early July. There were four replications of the three treatments, in 15 X 50 foot (750 sq ft) no-till plots on this working production farm. Yields were collected and weighed and the return on investment calculated based on current market prices ($100/35 count bin).

PUMPKIN TREATMENT STUDY RESULTS

TREATMENT GROUP	Avg number per acre	Number of 35 count bins/acre	Avg weight/ pumpkin	Avg ton/acre
A **600lbs AZOMITE® per acre,** plus Standard Fertilizer	2,570	73.4	15.6	19.5
B **300lbs AZOMITE® per acre,** plus Standard Fertilizer	2,410	68.9	15.2	17.9
C **Control Group: Standard Fertilizer**	2,338	66.8	15.9	18.1

PROFITS	Increased Income over Control	Approx. AZOMITE® product & spread cost	Net Profit with AZOMITE®
A **600 lbs of AZOMITE®**	$660	$300	$360
B **300 lbs of AZOMITE®**	$210	$150	$60

BENEFITS AT A GLANCE

- The 600 lb/ac rate of AZOMITE® showed a 1.4 ton and 232 pumpkin per acre yield increase — resulting in a **$360 increased net profit per acre.**
- The 300 lb/ac rate of AZOMITE® showed a 72 pumpkin per acre yield increase — resulting in a **$60 increased net profit per acre.**

*The standard fertilizer program was implemented according to soil testing and included 250lbs/ac of a 50/50 blend of 46% Super Urea and Ammonia Sulfate (21-0-0-26). This equates to 82 lb/ac of actual nitrogen (N). 100lbs of 0-0-60 and 100 lbs of Sul-Po-Mag (-0-0-22-11S-20Mg) was also applied including 2lbs of actual Boron.