Trial Results

3/17/2021

Improve Sweet Onion Yield & Production with Timac Agro Bio-Nutritional Program

FERTIACTYL®

KSC Phytactyl

Crop:	Researcher:	Site Location:
Sweet Onions	Jeff Stoltzfus Penn State Extension	New Holland, PA

OBJECTIVE

To evaluate the impact of a Timac Agro USA bio-nutritional program on yield and quality factors for sweet onions in Pennsylvania.

KEY FINDINGS

+ 170 Lbs

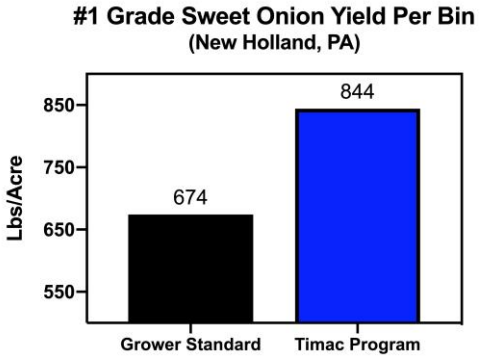
of #1 Grade Onions/Bin
(6.8 more 25 lb boxes/bin)

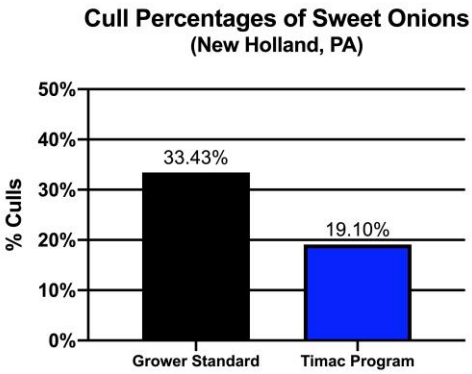
Reduced Cull % over Grower Standard by

14.33%

ROI: $4,071/ac

over Grower Standard program based on 30 bins averaged to the acre with $22 for 25 lb box





Graph: The Gross Revenue was calculated at $22/box for 25 lb boxes of #1 Grade Sweet Onions. Return on treatment was calculated at retail cost for the following Timac Agro products: Fertiactyl GZ at $51.25/Gal, Fertiactyl Kalibor at $60.95/Gal, and KSC V at $2.54/lb. Total cost of program was $416.96/Acre. This does not account for cost of grower standard program that Timac Agro program replaced. Bedded fertilizer program was same for both treatments.

APPLICATION

Trial ID: DT-14-NE-SON-GZ-FAKA-K5

Product	Rate	Timing
Grower Standard		
Fertiactyl GZ	2 Qts/A	Transplant & 14 days later
KSC V (8-16-42 w/ Micros)	15 Lbs/A	Weekly, following Fertiactyl GZ application until 2 weeks before bulb sizing
Fertiactyl Kalibor	2 Qts/A	2 Applications, 14 days & 7 days before bulb sizing

For more information on this trial, please contact aduffy@timacusa.com