

Effects of Fertileader on Pumpkin Yield



Crop:
Pumpkin

Researchers:
Jeff Stoltzfus - PSU Extension
Jordan Martin - Timac Agro USA

Site Location:
Lancaster County,
PA

OBJECTIVE

To test a full Fertileader program on pumpkin production in Lancaster County, PA with a contract researcher.

STUDY INFORMATION

Planting Date	June
Harvest Date	October
Variety	Aladdin
Population	2,800
Tillage	No-till
Treatments	Fertileader
Reps	2

KEY FINDINGS

- ✓ 1,000 \$/ac ROI
- ✓ More pumpkins per plant
- ✓ Larger pumpkins

STUDY DESIGN

The study was a strip trial with 2 replications. In October, 25 vines were harvested from each treatment. The pumpkins were counted and weighed. The plant population was used to estimate yield on the plot.

Table 1: Economic Results of the Trials

Results	Untreated	Fertileader
Pumpkins / Plant	2.16 ^b #	2.56 ^a #
Weight / Plant	37.19 ^b lbs	43.185 ^a lbs
Total Weight / Acre	26.03 tons/ac	30.23 tons/acre
ROI	\$ 0/acre	\$1,008/acre

APPLICATION

Treatment	Application Rate	Timing
Untreated Control		
Fertileader	15 pts/ac (Split, 6 apps)	Running, Fruit Sizing, Ripening

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

Trial ID: RT-17-NE-PUM-FL