

OBJECTIVE

To compare the yield and quality response in potato by treating recommended pre-plant fertilizer blend with Duo Maxx at 3 qts/ton against the same rate of untreated blend.

Site Location:
Schnecksville, PA

Researcher:
Jordan Martin, CCA & Jeff Schneck, CCA
Timac Agro USA

Trial ID: DT-20-NE-POT-DM

TIMAC AGRO PRODUCT

DUO MAXX

→ RHIZOVIT DUO

KEY FINDINGS

+43.25 cwt/ac

In marketable potato yield when dry fertilizer blend treated with Duo Maxx

ROI:

\$705.55/ac

Return when dry fertilizer blend treated with Duo Maxx

Graphs: Dry Fertilizer treated with Duo Maxx increased yield 4,325 lbs/ac or 43.25 cwt/ac over untreated fertilizer of same rate and increased revenue by \$735.60/ac. Revenue was calculated at \$19/cwt for Chef's, \$16/cwt for #1's and \$7/cwt for B's. Duo Maxx was calculated at retail cost of \$100/gallon.

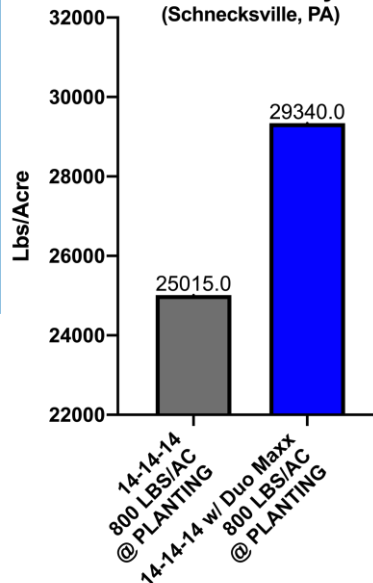
STUDY INFORMATION

Variety | Norwis
Population | 18,448

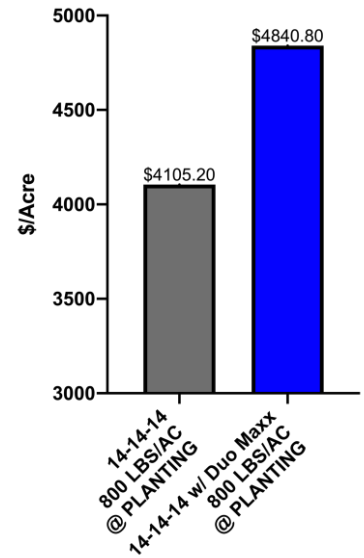
APPLICATION

Treatment	Application Rate
14-14-14	800 Lbs/Ac @ Planting
14-14-14 w/ Duo Maxx	800 Lbs/Ac @ Planting + 38.4 oz/A

Total Marketable Potato Weight
Norwis Variety
(Schnecksville, PA)



Gross Revenue from Marketable Potatoes
(Schnecksville, PA)



ECONOMICS TABLE

Grower Standard	Chef's	#1's	B's	Marketable	Cost of Treatment	Gross- Cost=
Cwt/Ac	50.05	194.85	5.25	250.15		
Gross Revenue	\$ 950.95	\$ 3,117.60	\$ 36.75	\$ 4,105.30	(-)	\$ 4,105.30

Grower Standard + Duo Maxx	Chef's	#1's	B's	Marketable	Cost of Treatment	Gross- Cost=	Change over GS
Cwt/Ac	63.95	224.4	5.05	293.4			
Gross Revenue	\$ 1,215.05	\$ 3,590.40	\$ 35.35	\$ 4,840.80	\$ (29.95)	\$ 4,810.85	\$ 705.55