

OBJECTIVE

To compare the yield response in sugarbeet for in-furrow starter fertilizer, 10-34-0 at 3 gallons per acre with and without 8 oz/ac of Duo Maxx fertilizer additive.

Site Location:

Sanford Twp., Grant County, MN

Researcher:

Contract Research Organization

TIMAC AGRO PRODUCT

DUO MAXX

→ RHIZOVIT DUO

STUDY INFORMATION

Variety | BTS 7845
Planting | May 11, 2020

APPLICATION

Treatment	Application Rate
10-34-0	3 Gal/Ac @ Planting
10-34-0 w/ Duo Maxx	3 Gal/Ac @ Planting + 8 oz/A

KEY FINDINGS

+2.16 TPA

Increase in ton per acre yield when starter liquid treated with Duo Maxx

Gains in RSA, RST & % Purity

+9.4% in RSA (Recoverable Sugar per Acre)
+2.1% in RST (Recoverable Sugar per Ton)
+1.9% in % Purity

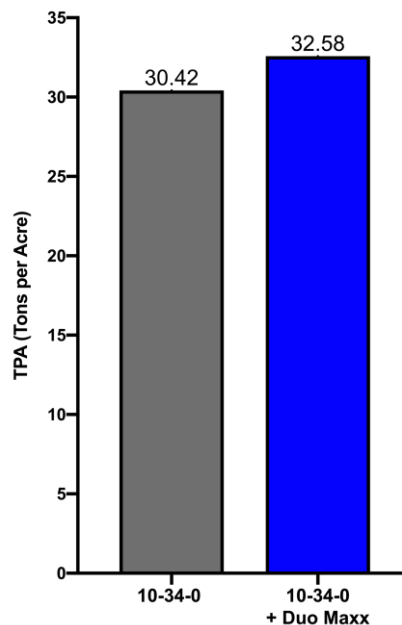
ROI:

\$58.55/ac

Return when liquid fertilizer in-furrow starter treated with Duo Maxx

Graph: Liquid starter Fertilizer treated with Duo Maxx increased yield 2.16 TPA over untreated fertilizer of same rate. Revenue was calculated at \$30/TPA for sugar. Duo Maxx was calculated at retail cost of \$100/gallon.

Sugarbeet Yield Impact of Duo Maxx with In-furrow Starter Fertilizer (Grant County, MN)



ADDITIONAL YIELD DATA TABLE

Trial ID: DT-20-NM-SUB-DM

	Stand Ct. 50' @ 6/2	% Tare	% Sugar	% Purity	TPA	RST	RSA
10-34-0	76.8	1.9	15.75	88.68	30.42	261.61	7,932.74
	Stand Ct. 50' @ 6/2	% Tare	% Sugar	% Purity	TPA	RST	RSA
10-34-0 + Duo Maxx	87.3	2.06	15.66	90.39	32.58	267.27	8,681.40