Nitrogen Use Efficiency at Pre-Plant

Corn

Objective

To assess the nitrogen use efficiency in corn at pre-plant with yield and grain quality using reduced N rates on an untreated control and urea treated with Duo Maxx.

Researcher:
Innovation Farm

Site Location:
Gratiot, Wisconsin

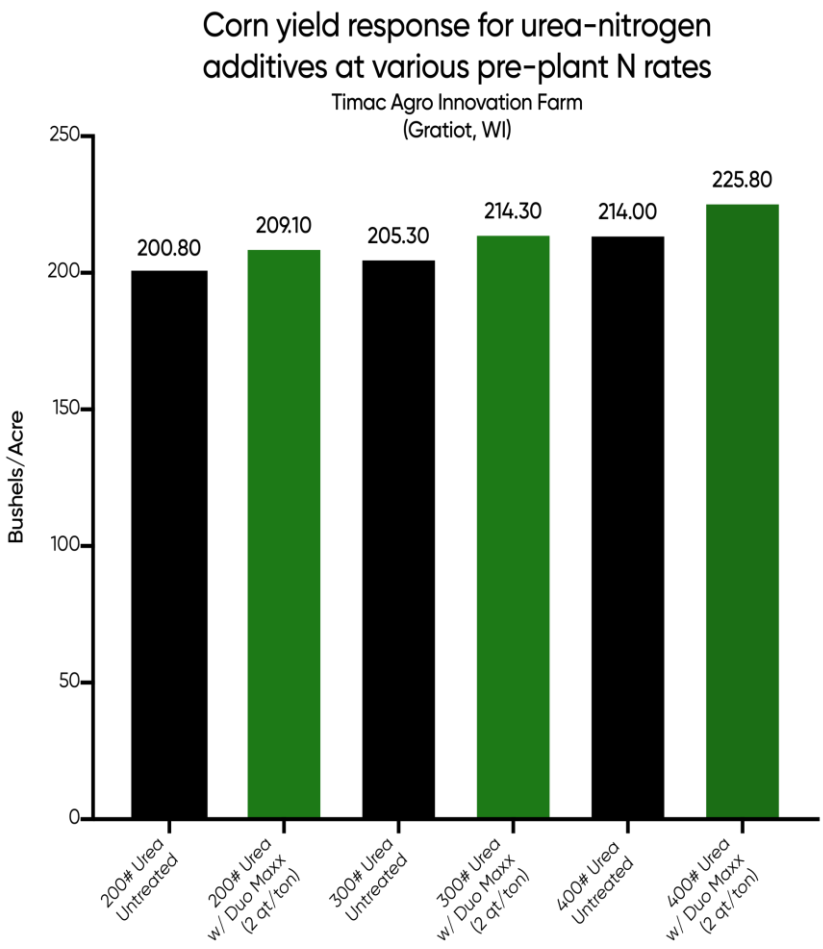
Study Information

Variety	Hybrid Jacobsen JS9626SS
Population	36,500
Planting Date	27-April-2021
Harvest Date	22-Oct-2021

KEY FINDINGS

+9.7 bu/ac

Increase in average bushels per acre across all urea treatments with Duo Maxx at 2qt/ton



APPLICATION

Trial ID: RT-21-CM-COR-DM-1

Treatment	Application Rate
Untreated 200 pounds of Urea	50% nitrogen rate
200 pounds of Urea treated with Duo Maxx	2 quarts per ton
Untreated 300 pounds of Urea	75% Nitrogen Rate
300 pounds of Urea treated with Duo Maxx	2 quarts per ton
Untreated 400 pounds of Urea	100% Full Nitrogen Rate
400 pounds of Urea treated with Duo Maxx	2 quarts per ton