# **Soybean Yield Under N and S Fertilization**

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#### **Objective**

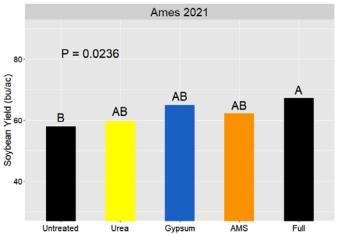
Determine the effects of nitrogen and sulfur fertilization on soybean yield to define best management practices.

#### **Materials and Methods**

Crop Year-2021

Soil Type	Nicollet, Webster
Previous Crop	Corn
Cultivar	P28T14E
Planting Date	Мау 6, 2021
Row Spacing	30in.
Seeding Rate	140,000 seeds per acre
Tillage	Field cultivator in the spring
Fertilizer	Optimum to high soil test
Nitrogen	per treatment scheme
Harvest Date	October 13, 2021
Experimental Design	Randomized complete block design
Replications	Four
Treatments	Untreated (0 lb. N and S/acre at both planting); AMS (26.3 lb. N and 30 lb. S/acre at both planting); Gypsum (0 lb. N and 30 lb. S/acre at both planting); Urea (26.3 lb. N and 0 lb. S/acre at both planting); and Full (150 lb. N and 15 lb. S/acre at both planting and R3 stage)

## **Results**



## Key Takeaway

Only the Full treatment (150 lb. N and 15 lb. S/acre at both planting and R3 stage) had significantly higher soybean yields compared with the Untreated treatment.

#### **Acknowledgements**

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