

# Trial Results

## Effect of Timac Agro Technologies on Spring Wheat



### TRIAL INFORMATION

Application Date

05/13/2024

Crop

Spring Wheat

Product

Humistart  
PhysioPro

Site Location

Porcupine Plain, SK

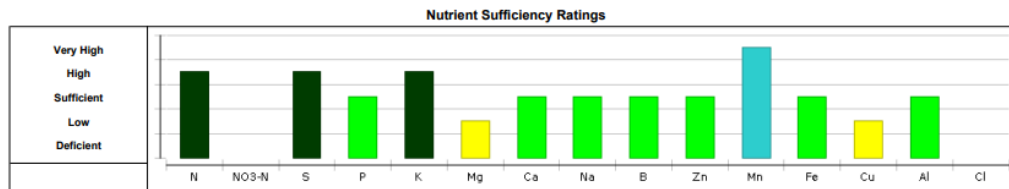
### KEY FINDINGS

#### OBJECTIVE

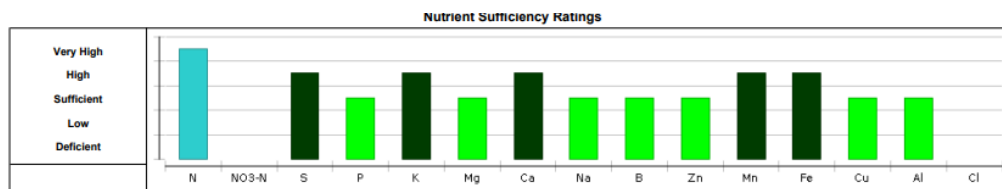
To buffer manganese toxicity in the area and reclaim unproductive land.

Control:

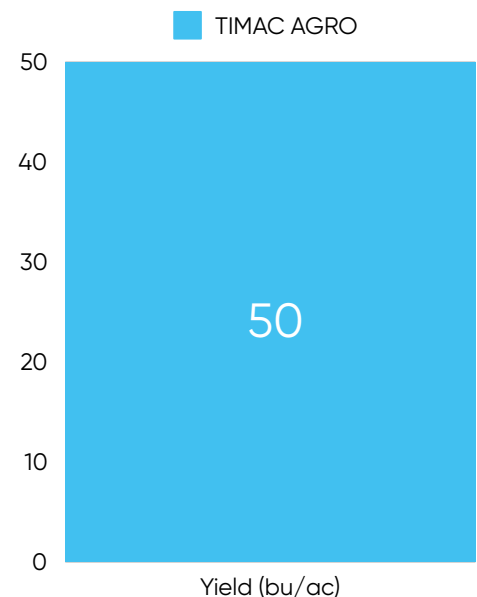
- 50 bu/ac average
- Manganese toxicity was reduced



- These plants are low in MAGNESIUM. This condition may be due to low soil magnesium, excess soil potassium, low soil pH or poor drainage. A&L recommends a foliar application at this time follow manufacturer specifications.
- These plants are deficient in COPPER. Low copper availability may be caused by high soil organic matter or high soil pH.
- The very high level of MANGANESE in this sample may be from contamination with a spray or dust.
- A&L recommends an application when Mg, B, P, Zn or Mn are low or deficient at this plant stage. Follow the recommended product label rates.
- A&L Recommends a followup tissue sample 14 days after foliar treatment to monitor progress.



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#### APPLICATION

Product	Rate	Application	Timing
HUMISTART	30lbs/ac	Seed Row	At Seeding

#### CONCLUSION

The goal of managing manganese toxicity and reclaiming unproductive land was achieved. Tissue tests showed significantly less Manganese levels in areas treated with Humistart than in untreated areas. Grower was able to achieve a 50 bu/ac average across the field.