‘Frito-Lay’ Potatoes

2014 Research Summary

SOLUTIONS 4Earth®

Trial Summary

Researched By: Mid-Michigan Consulting
Location: Southern Michigan
Growing Season: 2014
Objective: To evaluate the benefit of Nutricor® on the yield of ‘Frito-Lay 2137’ Potatoes.

Methodology

Prior to planting, conventional tillage was implemented to prepare the field. ’Frito-Lay 2137’ potatoes were then planted on May 3 at a rate of 2,000 lbs./A. Emergence occurred on May 12. Potatoes were harvested on October 13 and total yield was calculated after harvest. The experimental design used was a randomized complete block with four replications.

Treatment Applications

The Grower Standard Practice (GSP) for fertilizing potatoes in Southern Michigan is the following:

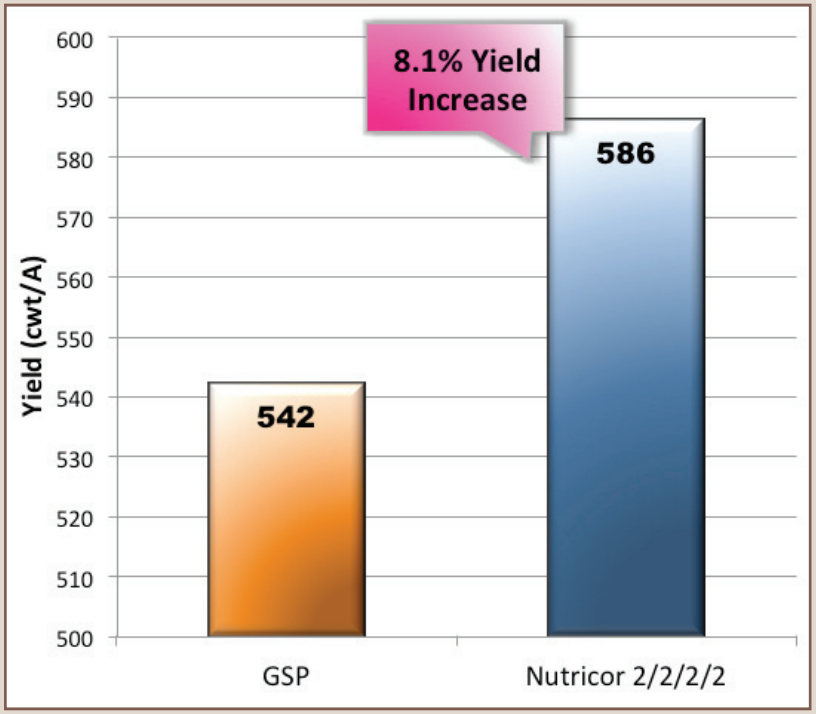
- Pre-Planting: 450 pounds per Acre (lbs./A) 0-0-60 as a pre-plant broadcast
- At Planting: 30 Gallons per Acre (GPA) 10-34-0
- At Hilling: 350 lbs./A 46-0-0 and 200 lbs./A 11-52-0
- At Row Closure: 7 GPA 10-34-0 and 46-0-0, depending on petiole analysis

Specific treatments:

1. GSP
2. Nutricor with GSP, (“2/2/2/2”) -- Nutricor was applied at 2 GPA in-furrow at planting and at 2 GPA as a foliar spray at shoot emergence, tuber initiation and tuber bulking

Results and Conclusions

The total yield for Nutricor (“2/2/2/2”) was 586 hundredweight per Acre (cwt/A). This equates to an 8.1% increase in yield over the GSP. This study shows that **Nutricor can effectively enhance yields of potatoes.**



Nutricor®

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