

'Frito-Lay 2137' Potatoes

2016 Research Summary

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Trial Summary

Researched By: Mid-Michigan Consulting

Location: Southern Michigan

Growing Season: 2016

Objective: To evaluate the benefit of Nutricor[®] and Komodo[®] on the yield and health of 'Frito Lay 2137' potatoes.

Methodology

The study was conducted during the 2016 growing season in Southwest Michigan. 'Frito Lay 2137' potatoes were planted on April 27 in Capac loam soil. Harvest occurred on September 17. The experimental design used was a randomized complete block with six replications.

Treatment Applications

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

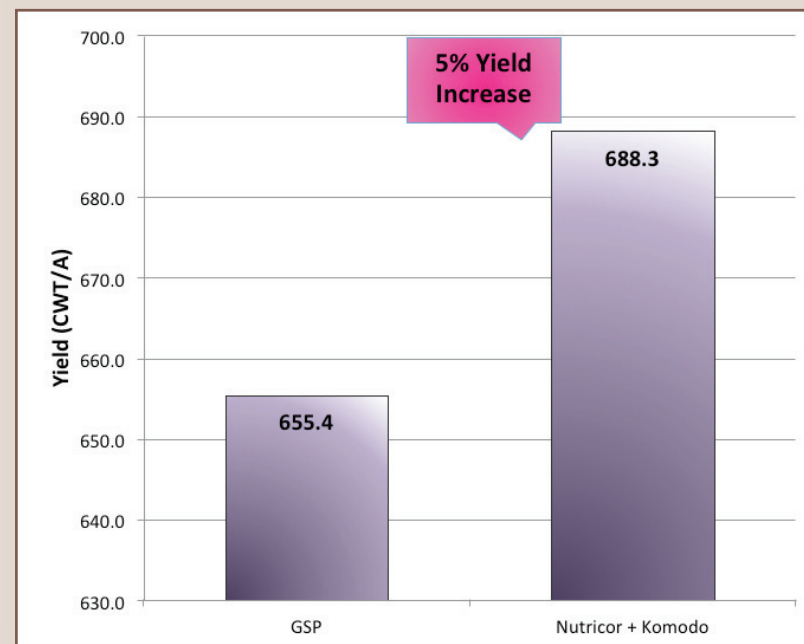
- 450 pounds per acre (lbs./A) 0-0-60 pre-plant broadcast
- 30 gallons per acre (GPA) 10-34-0 in-furrow spray at planting
- 350 lbs./A 46-0-0 Urea and 200 lbs./A 11-52-0 at hilling
- 7 GPA 10-34-0 and 46-0-0 at row closure (depending on petiole analysis)

The following treatments were applied to potatoes:

1. GSP
2. Nutricor with Komodo - Nutricor was applied at 2 GPA in-furrow at planting and 2 GPA foliar spray at shoot emergence. Komodo was applied at 2 GPA foliar spray at tuber initiation and tuber bulking.

Results and Conclusions

The yield of 'Frito Lay 2137' potatoes fertilized with Nutricor and Komodo was 688.3 centum weight (CWT) per acre, which translates to a 5.0% increase over the GSP. This study shows that **Nutricor in combination with Komodo can increase the yield of potatoes.**



To find out more about Nutricor and Komodo, visit our website at Solutions4Earth.com or call 855-834-3882.

