

Soybeans

2014 Research Summary



Trial Summary

Researched By: Ron Mulford

Location: University of Maryland Poplar Hill Research Facility

Growing Season: 2014

Objective: To evaluate the benefit of Nutricor® and Komodo® on the yield of soybeans.

Methodology

The study was conducted during the 2014 growing season in Maryland by Ron Mulford. Soil was composed of Mattapex Silt Loam. Soybean seeds were planted in July following a harvest of winter wheat. Soybeans achieved V1 on May 24, R1 on July 10, and were harvested on October 15 (R8). The experimental design used was a randomized complete block with four replications.

Treatment Applications

The Grower Standard Practice (GSP) for fertilizing soybeans in Maryland was the following:

Broadcast 3 weeks prior to planting:

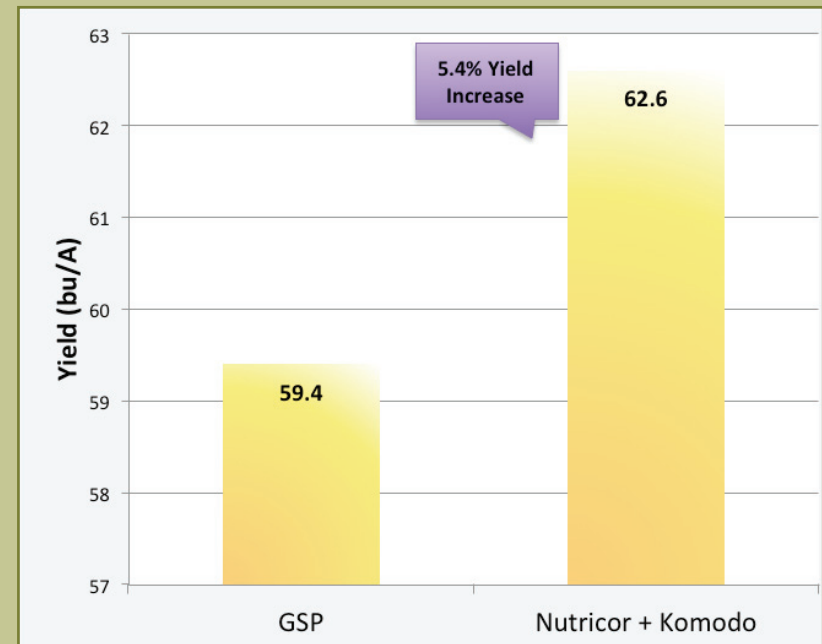
- 500 pounds per acre (lbs./A) 2-4-12 grower custom blend
- 155 lbs./A 0-0-13 grower custom blend

The following treatments were applied on soybeans:

1. GSP
2. Nutricor + Komodo – Nutricor was applied at 2 gallons per acre (GPA) in furrow (IF) at planting, 2 GPA foliar spray at post-emergence and 1 GPA foliar spray at pod-set. Komodo was applied at 1 GPA foliar spray at post-emergence and pod-set.

Results and Conclusions

The total yield of soybeans treated with Nutricor and Komodo was 62.6 bushels per Acre (bu/A), which translates to a 5.4% increase over the GSP. The study shows that **treatment with Nutricor and Komodo can effectively increase soybean yields.**



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