Highbush ‘Duke’ Blueberries

2016 Research Summary

SOLUTIONS® 4Earth

Trial Summary

Researched By: Mid-Michigan Consulting

Location: Southwest Michigan

Growing Season: 2016

Objective: To evaluate the benefits of Nutricor® and Komodo® on highbush ‘Duke’ blueberries.

Methodology

The study was conducted during the 2016 season in Southwest Michigan on ‘Duke’ highbush Blueberries, previously established in Shebeon loam soil. Harvest included three pickings on June 30, July 21 and August 11. The experimental design used was a randomized complete block with four replications.

Treatment Applications

The Grower Standard Practice (GSP) for blueberries in Western Michigan consists of split applications of a complete granular fertilizer. Specific treatments:

1. GSP
2. Nutricor 4 GPA – Nutricor was applied as a foliar spray at 4 gallons per acre (GPA) at pre-bud break, pre-bloom, fruit set and fruit bulking.
3. Nutricor + Komodo – Nutricor was applied as a foliar spray at 4 gallons per acre (GPA) at pre-bud break, and 2 GPA at pre-bloom, fruit set and fruit bulking. Komodo was applied as a foliar spray at 2 GPA at pre-bud break, pre-bloom, fruit set and fruit bulking.

Results and Conclusions

The total yield for Nutricor treated blueberries was 14,213 lbs./A, while the total yield for blueberries treated with both Nutricor and Komodo was 14,625 lbs.A. This equates to a 19.9 % and 23.4% increase in yield over the GSP, respectively. This study shows that **the use of Nutricor can be an excellent tool for boosting yield effectively, and use of Komodo can enhance the effect.**