

'Syrah' Wine Grapes

2014 Research Summary

SOLUTIONS[®]
4Earth

Trial Summary

Researched By: Baker Agronomic Consulting

Location: Oroville, California

Growing Season: 2014

Objective: To evaluate the benefit of Nutricor[®] and Komodo[®] on the yield and sugar production of 'Syrah' wine grapes.

Methodology

The study was conducted during the 2014 growing season in Oroville, California on an established field of 'Syrah' wine grapes. The experimental design used was a randomized complete block with four replications.

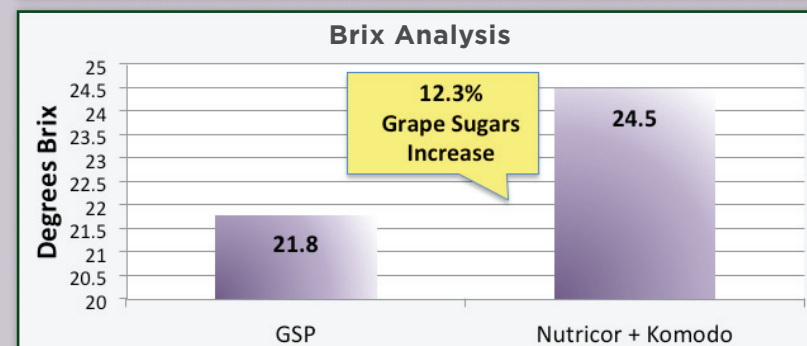
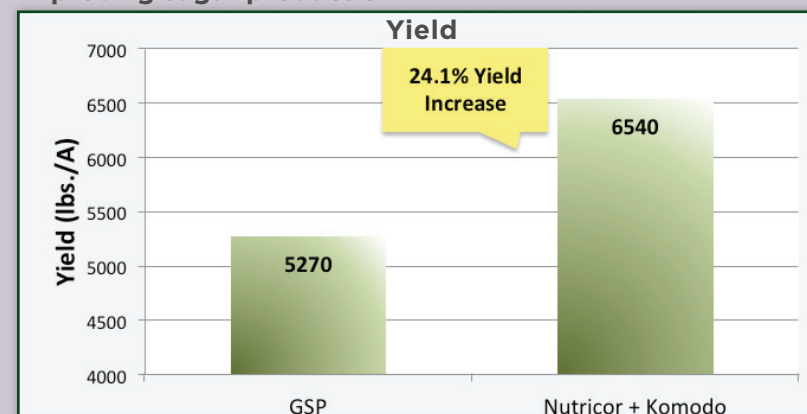
Treatment Applications

The Grower Standard Practice (GSP) for fertilizing grapes in California consists of split applications of an organic fertilizer. The following treatments were applied to grapes:

1. GSP
2. Nutricor + Komodo - Nutricor was applied at 5 gallons per acre (GPA) at early bud break, 3 GPA at pre-bloom, 2 GPA at fruit set and 4 GPA during veraison. Surfactant was applied at 4 oz./A at early bud break and pre-bloom. Komodo was applied at 1 GPA at fruit set and 2 GPA during veraison. GSP was reduced to 75%.

Results and Conclusions

The total yield of grapes fertilized with Nutricor and Komodo was 6,540 lbs./A, which equates to a 24.1% increase over the GSP. Furthermore, BRIX analysis showed a 12.3% increase in grape sugars. This study shows that **use of Nutricor and Komodo can effectively increase grape yields while improving sugar production.**



 **Nutricor[®]**  **Komodo[®]**

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