

# Winter Wheat

2014-2015 Research Summary

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## Trial Summary

**Researched By:** Ron Mulford

**Location:** University of Maryland Poplar Hill Facility

**Growing Season:** 2014-2015

**Objective:** To evaluate the benefit of Nutricor<sup>®</sup>, Komodo<sup>®</sup> and Halo<sup>®</sup> on the yield of winter wheat.

## Methodology

The study began during the 2014 growing season and was conducted through the spring of 2015 in Maryland. The test crop was winter wheat. Seeds were planted in October of 2014 after soybean harvest. Harvest cutting occurred in July of 2015. The experimental design used was a randomized complete block with four replications.

## Treatment Applications

The Grower Standard Practice (GSP) for fertilizing winter wheat in Maryland is the following:

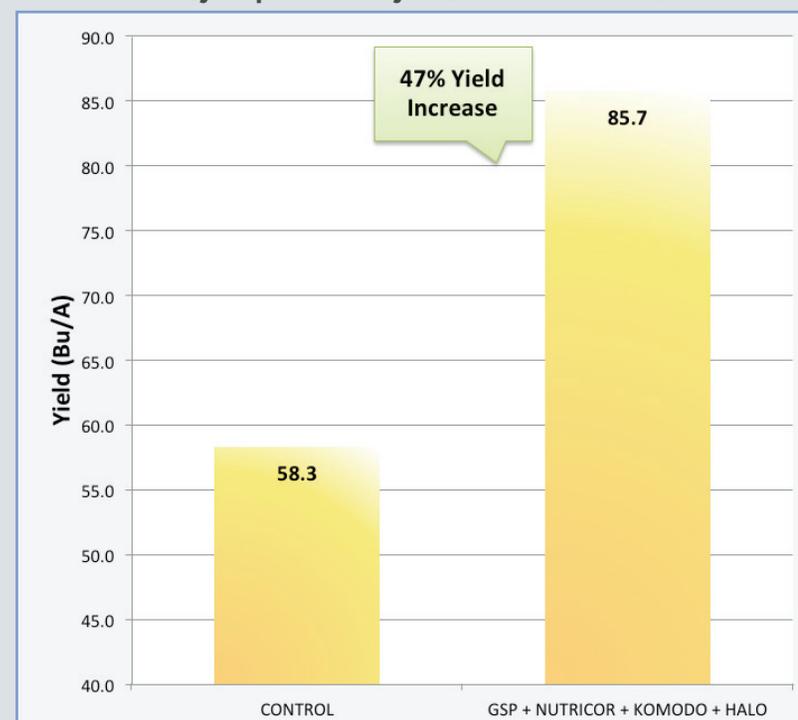
- 375 pounds per acre (lbs./A) 2-4-12 broadcast at planting and during spring green-up (Feekes 4)
- 7 gallons per acre (GPA) 30% UAN at planting and 15.4 GPA at Feekes 5-6
- 11 GPA 8-0-0-9 during green-up

The following treatments were applied:

1. Control - 30% UAN was applied at 7 GPA at planting. 2-4-12 was applied at 375 lbs./A broadcast at planting.
2. GSP + Nutricor + Komodo + Halo - GSP was applied. Nutricor was applied at 1 GPA at Feekes 5-6. 30% UAN was applied at 3 GPA at the fourth leaf stage and 10.4 GPA at green-up. Harmony Extra herbicide was applied at 3.5 grams per acre at fourth leaf stage. Komodo was applied at 1 GPA at Feekes 5-6. Caramba fungicide was applied at Feekes 5-6. Halo was applied at 1 GPA at Feekes 10.5

## Results and Conclusions

The yield of winter wheat treated with Nutricor, Komodo and Halo was 85.7 bushels per acre (Bu/A). This equates to a 47% increase over the Control condition. This study shows that a **Nutricor treatment program with Komodo and Halo can effectively improve the yield of winter wheat.**



To find out more about Nutricor, Halo and Komodo visit our website at [Solutions4Earth.com](http://Solutions4Earth.com) or call 855-834-3882.