

## **Evaluation of Apogee<sup>®</sup> and Palisade<sup>®</sup> on ‘Stephens’ Wheat, 2003**

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### **Abstract**

The growth regulators, Apogee<sup>®</sup> (BASF) and Palisade<sup>®</sup> (Syngenta) were evaluated in nonreplicated plots on a commercial ‘Stephens’ wheat field near Madras, Oregon. One application of Apogee and Palisade was made at the second node stage on May 19, 2003 to evaluate the effect on yield. Results were similar for the two treated and untreated plots.

### **Introduction**

Previous research evaluating Apogee and Palisade on grass seed has indicated reduced lodging and increased yield with the application of the growth regulators. A cost-effective method of increasing yield and reducing lodging in wheat would generate interest in the industry for Apogee and Palisade. These products have been evaluated on Kentucky and rough bluegrass in central Oregon with positive results. The objective of this project was to evaluate these two products on ‘Stephens’ wheat.

### **Methods and Materials**

Three nonreplicated plots 200 ft by 1,089 ft (5 acres) were laid out to evaluate Apogee and Palisade compared to an untreated check in a commercial ‘Stephens’ wheat field near Madras, Oregon. Apogee was applied at 5oz/acre and Palisade was applied at 11oz/acre on May 19, 2003 at the second node stage. Treatments were applied by airplane at 10 gal/acre. Plots were harvested on August 6, 2003 by commercial combine and weighed.

### **Results and Discussion**

The application of Apogee and Palisade did not effect yield or lodging in this trial based on results from this single year, nonreplicated trial. The yield for Apogee was 155.5 bu/acre, Palisade produced 151.9 bu/acre, and the untreated check was 157.6 bu/acre. There was no observed effect on lodging for either product compared to the check.