

Increased Wheat Yield



Crop:
Winter Wheat

Researcher:
Grower Study

Site Location:
Morristown, TN

OBJECTIVE

To evaluate the impact of a foliar application of Fertileader Elite (1 quart/acre) on winter wheat yield at Feekes 10.5 Stage.

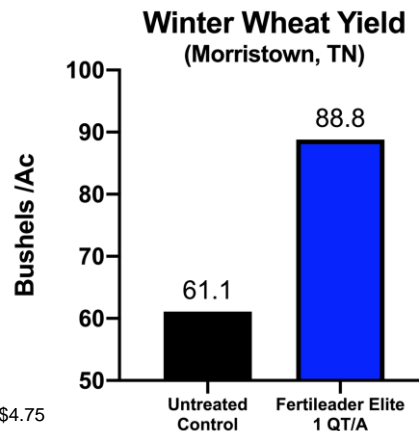
MATERIALS & METHODS

Winter wheat was planted on December 15. The following spring, Fertileader Elite was applied to half of the field on April 27th at a rate of 1 quart/ acre. The wheat crop was in the Feekes 10.5 stage. Also in the tank was propiconazole fungicide, lambda-cyhalothrin insecticide, and a water conditioning agent/non-ionic surfactant blend. This was a dryland field that was previously under soybeans. Harvest date was June 17th. Wheat harvest was collected from 1/10 acre and weighed. Bushels per acre were calculated from this weight. Moisture and test weight were also collected. Each measurement was replicated three times from random locations, and data were analyzed using a paired t-test ($\alpha = 0.05$).

KEY FINDINGS

+27.7 bu/ac
Over Untreated Control

ROI:
\$118.20/ac



Graph: The Gross Revenue was calculated at \$4.75 bushel for winter wheat. Return on treatment was calculated at retail cost for Fertileader Elite at \$53.50/gal.

APPLICATION

Treatment	Application Rate
Untreated Control	N/A
Fertileader Elite	1 quart/A

For more information on this trial, please contact aduffy@timacusa.com

Trial ID: RT-16-DL-WHE-FLEL