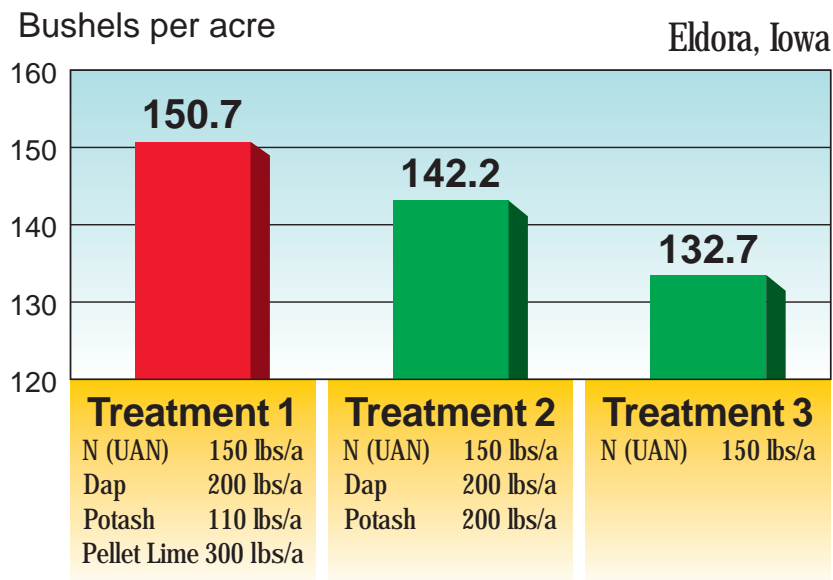


Research Study Results / 2001



Comments

Presented by Dr. Gary Tuxhorn
The Research & Development farm was wet early, then turned very dry. I was surprised and pleased with how the corn held up through the drought, and yielded. I am confident that the yield differences in the corn are true yield differences due to fertilization.

Test Notes: Soil test history Fall '98: CEC 20; OM 3.2%; soil water pH 6; P2O5 13ppm; K2O 120ppm; Tamy silty clay loam; All products spring applied; 3 replications.

Owensboro, Kentucky

Treatment 1	Corn Stand Ct	Corn Moisture	Corn Yield
Dap 152 lbs/a Urea 375 lbs/a Potash 100 lbs/a	26,362 Plants/Acre 8/10/2001	15.07% at Harvest 10/1/2001	204.7 Bu/Acre 10/1/2001
Treatment 2	Corn Stand Ct	Corn Moisture	Corn Yield
Pellet Lime 300 lbs/a Dap 152 lbs/a Urea 375 lbs/a Potash 100 lbs/a	26,216 Plants/Acre 8/10/2001	14.8% at Harvest 10/1/2001	212.5 Bu/Acre 10/1/2001

Test Notes: Post-harvest 2001 soil test data: CEC 10.7; pH 6.8; P2O5 61ppm; K2O 230ppm; All products spring applied; four replications.

Miles Farm Supply

Dry Fertilizer Trial
Owensboro, Kentucky
Study Director: Philip W. Logsdon

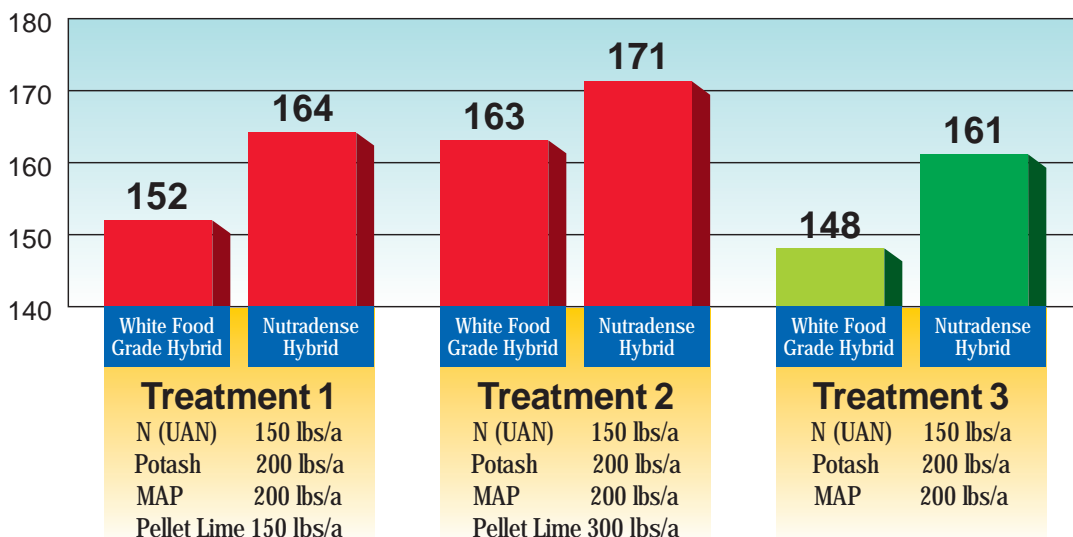


Value Added Corn Response and Analysis

2 hybrids with Value-Added Traits / 2001

Value added crops or crops bred for specific traits are commonly noted to have less vigor and are more subject to environmental influences that can result in yield drag. The objective of this experiment is to examine the potential of boosting value added crop yields with Pellet Lime.

Bushels per acre



Test Notes: CEC 8.8; soil water pH 6.6; P2O5 41ppm; K2O 145ppm; silty clay loam; 3 replications; Randomized Complete Block Design.

Discussion

Yield variances were noted with the two rates of Pellet Lime. The 300 pound rate produced more noticeable differences than the 150 pound rate. This test shows Pellet Lime increased yields in value added crops. The premium paid for the higher yielding value crop will improve net dollar income.

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The Research Data presented in the 2001 publications are the results from:

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