



Nebraska On-Farm Research Network

Years:	2007
Title:	UAN/Attapulgite Clay Study
Crop:	Corn
Study ID:	087053200701
County:	Dodge
Objective:	To determine & document the effect of Attapulgite clay on the performance of UAN fertilizer & its influence on the profitability of corn production.
Treatments:	UAN fertilizer vs. UAN fertilizer with 2% Attapulgite clay.

Nebraska Soybean & Feed Grains Profitability Project



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska-Lincoln cooperating with the Counties and the United States Department of Agriculture.

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Results: 2007

Corn (Pioneer 33B51 RR)

<u>Variable</u>	<u>Check</u>	<u>Clay</u>	<u>Prob >T/</u>
Yield, bu/ac @ 15.5%	158	154	0.310 ns
Moisture, %	15.7	15.6	0.015 **
Yield via Monitor	160	156	0.186 ns
Cost/ac	---	\$4.00	---

Planting Date: 5/17/07 (replant)

Harvesting Date: 10/26/07

Summary: The application of attapulgite clay had no significant effect on grain yield; however, grain moisture at harvest was slightly lower where clay had been applied. UAN (140 lbs N/ac) with attapulgite clay was applied on May 11.

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