



# Nebraska On-Farm Research Network

<b>Years:</b>	2007
<b>Title:</b>	UAN/Attapulgitte Clay Study
<b>Crop:</b>	Corn
<b>Study ID:</b>	087053200701
<b>County:</b>	Dodge
<b>Objective:</b>	To determine & document the effect of Attapulgitte clay on the performance of UAN fertilizer & its influence on the profitability of corn production.
<b>Treatments:</b>	UAN fertilizer vs. UAN fertilizer with 2% Attapulgitte 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 &gt;/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 attapulgit 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 attapulgit clay was applied on May 11.

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