

Nebraska Soybean & Feed Grains Profitability Project

**Years:** 2007  
**Title:** UAN/Attapulgite Clay Study  
**Crop:** Corn  
**NSFGPP Operator:** Duane McKenzie, Dodge County  
**Private Industry Cooperator:** Mark McKenzie  
**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.

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Results: 2007

Corn (Dk 63-39)

<u>Variable</u>	<u>Check</u>	<u>Clay</u>	<u>Prob &gt;/T/</u>
Yield, bu/ac @ 15.0%	207	205	0.269 ns
Moisture, %	14.8	14.8	0.684 ns
Cost/ac	---	\$4.00	---

Planting Date: 5/1/07

Harvesting Date: 10/27/07

Summary: The application of attapulgite clay had no effect on the yield or grain moisture of corn in 2007. UAN (180 lbs. N/ac) with attapulgite clay was applied on May 11.