

Nebraska Soybean & Feed Grains Profitability Project

**Years:** 2007  
**Title:** UAN/Attapulgitic Clay Study  
**Crop:** Corn  
**NSFGPP Operator:** Jerry Mulliken, Dodge County  
**Private Industry Cooperator:** Jerry Mulliken  
**Objective:** To determine & document the effect of Attapulgitic clay on the performance of UAN fertilizer & its influence on the profitability of corn production.  
**Treatments:** UAN fertilizer vs. UAN fertilizer with 2% Attapulgitic clay.

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Results: 2007

Corn (GH 9164BT)

<u>Variable</u>	<u>Check</u>	<u>Clay</u>	<u>Prob &gt;/T/</u>
Yield, bu/ac @ 15.5%	121	124	0.248 ns
Moisture, %	13.6	13.7	0.548 ns
Cost/ac	---	\$4.00	---

Planting Date: 5/11/07

Harvesting Date: 10/22/07

Summary: The application of attapulgitic clay had no significant effect on grain yield or grain moisture in 2007. UAN (84 lbs N/ac) with attapulgitic clay was applied with planter.