

## Summary

Evaluation of Variable Rate Nitrogen Applications to Cotton

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A pre-plant nitrogen application of 40 lbs/acre was applied to all treatments. The variable rate portion of nitrogen application occurred during a side-dress application. Three nitrogen rates (high – 90 lbs., medium – 70 lbs. and low- 50 lbs.) were selected for the side-dress application. This was an irrigated field. Yields were determined using an Ag Leader cotton yield monitor. The medium (110 lbs N) and high N (130 lbs N) levels yielded significantly higher than the low N level in 2005. We plan to further analyze the data to determine yield response within soil type.