

differences.

- (46% N)

- between the different N treatments.

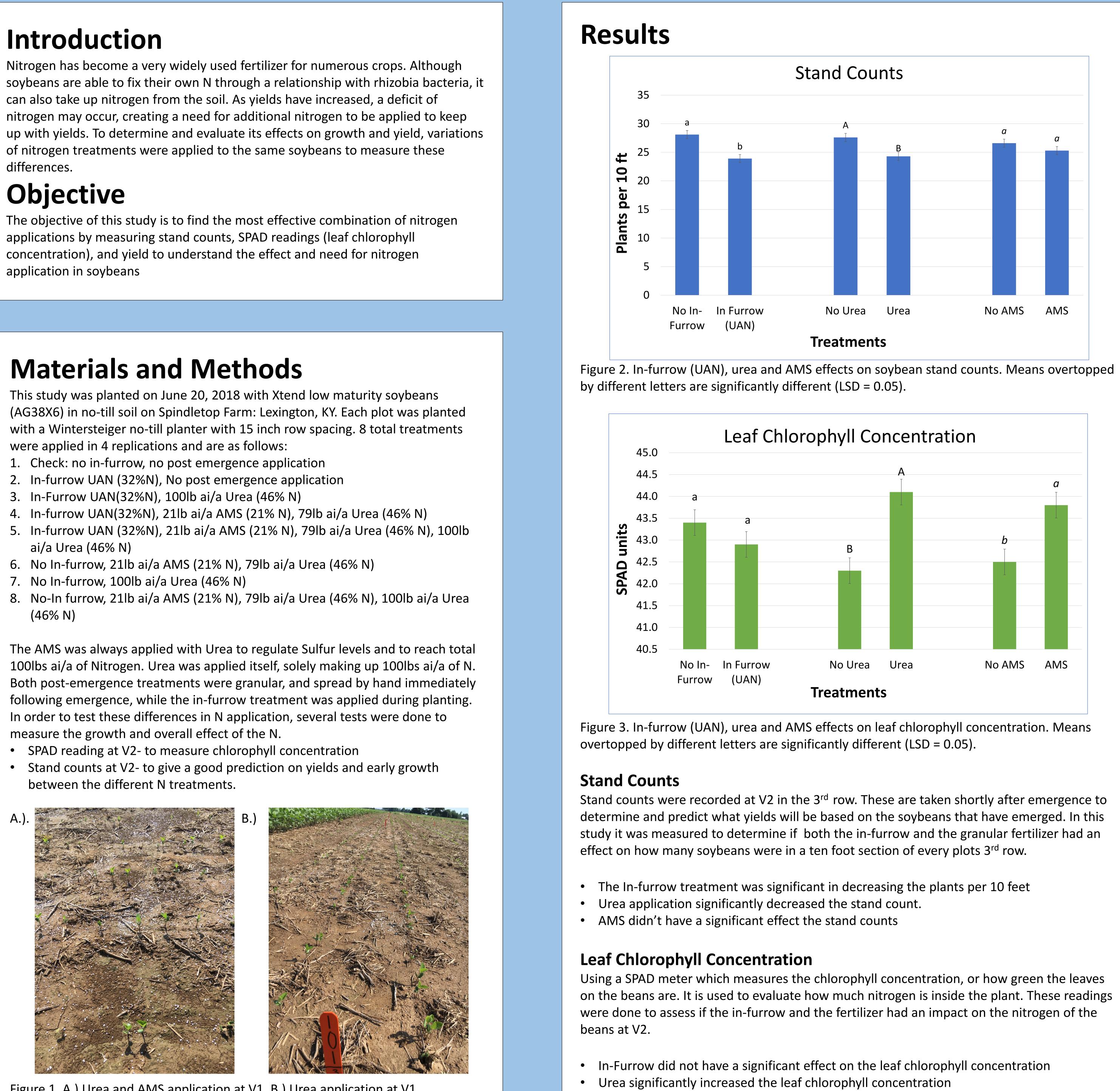


Figure 1. A.) Urea and AMS application at V1. B.) Urea application at V1.

Effects of Various Nitrogen Treatments on Late Planted Soybeans Griffin Mobley

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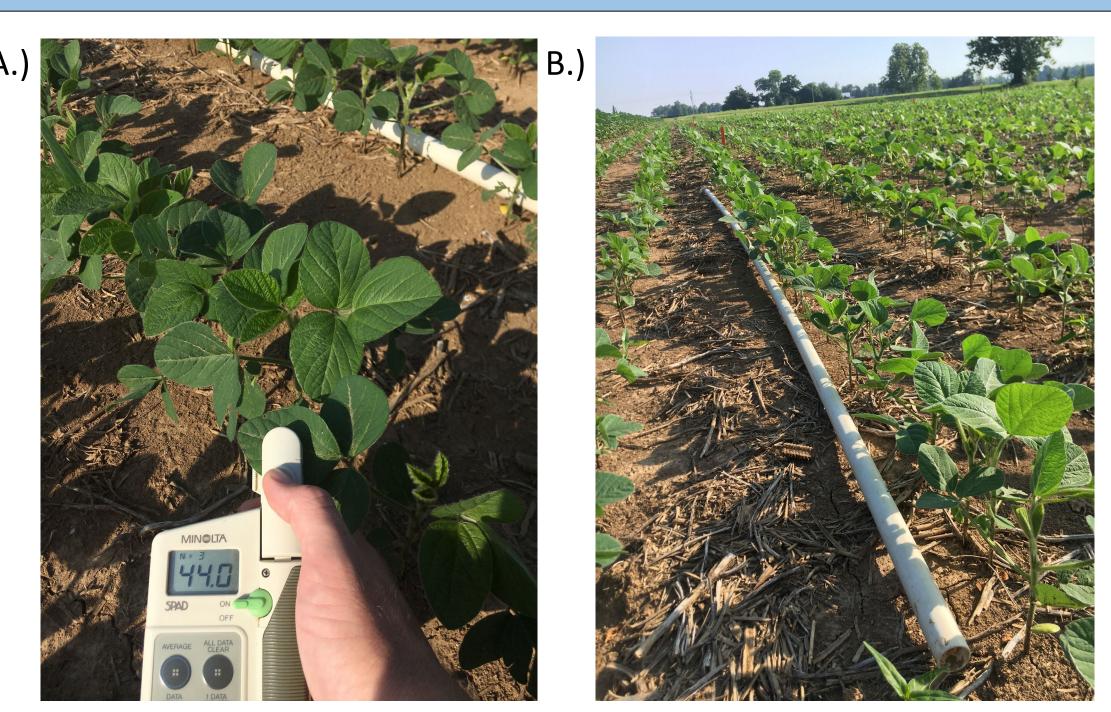


Figure 4. A.) SPAD meter testing leaf chlorophyll concentration. B.) Stand counts measuring number of plants per 10 feet.

Anticipated Conclusions

for the deficit.

Acknowledgements

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Future Direction

• Nodule counts will be conducted and documented to see how the soybeans are actively fixing nitrogen, and determining differences in Nitrogen fixation across the treatments.

• Yield measurements will be recorded and assessed to determine which combination of treatments or the control had the most significant effect on the yield.

• The expected results are that the combination of both the in-furrow treatment and the 100 lbs ai/a would promote the best growth giving the best results in all the tests taken and the highest yield. This is due to the fact that any nitrogen deficits that could not be made up by the soybeans themselves, would be added by the treatments and make up

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[•] AMS had a significant effect on the concentration of leaf chlorophyll