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Foliar Burn and Wheat Grain Yield Responses Following Topdress-Applied Nitrogen and Sulfur Fertilizers

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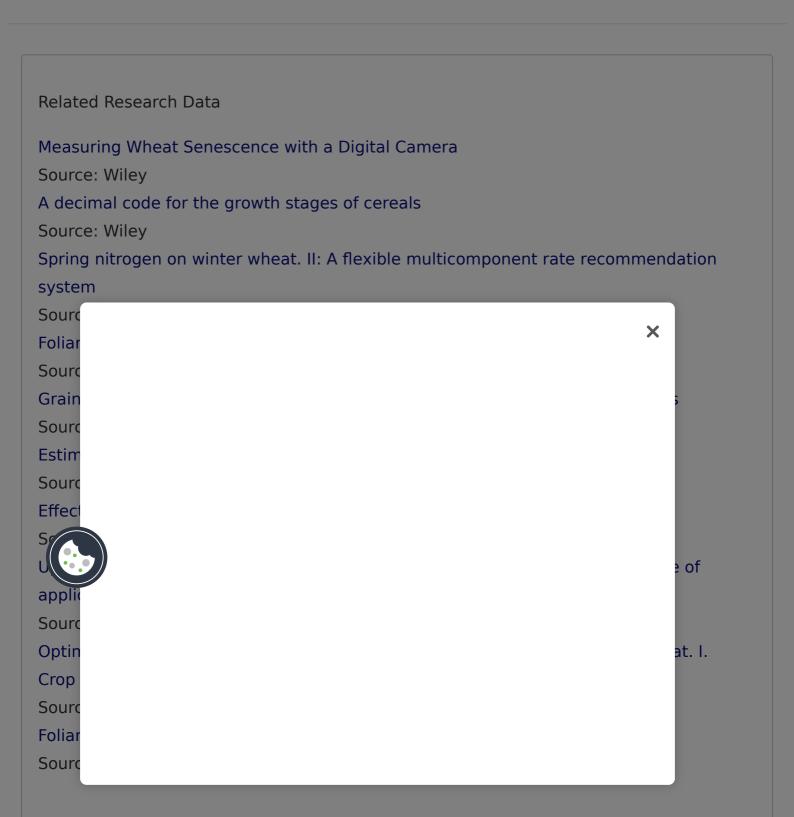
estimate

N rate with

no difference in the percentage of burn being observed between sources. At GS 32,

foliar burn again increased with increasing N rate; however, UAN-S resulted in significantly greater foliar burn than UAN at both N rates. Despite the increased foliar damage that occurred when UAN-S was topdress-applied at GS 32, there was no reduction in grain yield compared with UAN or either of the soil-applied sources at either growth stage. Although there was no evidence of a grain yield response to added S in this study, many soil types common to the Coastal Plain of Virginia are likely to lack sufficient S for optimum winter wheat production.

Q Keywords: Nitrogen Sulfur Foliar fertilizer Winter wheat



Effects of foliar application of amino acid liquid fertilizers, with or without Bacillus amyloliquefaciens SQR9, on cowpea yield and leaf microbiota.

Source: Public Library of Science (PLoS)

Wheat leaf properties affecting the absorption and subsequent translocation of foliar-

applied phosphoric acid fertiliser

Source: Springer Science and Business Media LLC

NH4+arrests AUX1-mediated lateral root emergence

Source: Wiley

Corn Response to Sulfur Application in Coastal Plain Soils1

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