

Water Quality Enhancement Activity – WQL04 – Plant tissue testing and analysis to improve nitrogen management

Louisiana Criteria

Corn stalk testing and analysis

LSU does not currently provide N recommendations based on corn stalk analyses.

Leaf tissue testing and analysis

LSU does not have adequate research to support supplemental nitrogen applications based on tissue analysis. Tissue analysis reports currently report plant deficiencies only, and do not provide nitrogen fertilization recommendations. Nitrogen application rates have been established by LSU based on yield response research conducted across Louisiana. Chlorophyll sensing research is currently being conducted by LSU. In the future, in-season N adjustments based on optical sensors may be allowed.

This enhancement is not applicable in Louisiana