Foliar Controlled Release Nitrogen as a Partial Replacement for Soil Applied Nitrogen in Corn (Zea maize) G.L. Willoughby*, P. Thien, S. Curley, and G Schmunk

Helena Chemical Company

Summary With increasing costs of nitrogen fertilizer, and availability issues of some forms, the topic of nitrogen efficiency and nutrient recommendations are being examined more closely.



This is a accumulation of various replicated studies across the Midwest and Central United States evaluating foliar nitrogen as a partial replacement for soil applied nitrogen.

The goal was to maintain yields yet increase net return to growers by reducing gross expenditures (input costs per acre) and increasing application efficiency by reducing time spent traversing the field by applying with post herbicides between V5 and V8.















