GEOGRAPHICAL SAMPLING CONCEPTS AND TECHNIQUES FOR COTTON PEST MANAGEMENT - BASIC AND INTERMEDIATE CONCEPTS

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Abstract

Adopting a geographical perspective reduces the sampling time for several cotton pests (including tarnished plant bugs) without loss of accuracy. Reasons why site-specific thresholds use sample extremes instead of sample averages are discussed. A simple technique to graph geographical trends based on sample extremes is demonstrated. Building a sitespecific cotton pesticide application map to reduce control costs is illustrated using field counts. Also shown is how a blanket application is also a site-specific application.