

Abstract

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Development of a Precision Agriculture Tool Suite Using ArcPad

Track: Agriculture

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The field collection of data for precision agriculture applications is well suited for a handheld computer connected to a GPS receiver. An integrated suite of data collection tools has been developed by the University of Kentucky based on ArcPad technology using ArcPad Application Builder. The tool suite includes field boundary and feature mapping, crop scouting features, grid soil sampling tools, and nutrient and pesticide application logging.

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