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Precision ag field day scheduled

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Abstract

The theme of a special field day Tuesday August 24 at the Northeast Research Farm near Nashua is "Precision Agriculture--What We're Learning." The field day begins at 1:30 p.m. and will showcase the activities of a 3-year precision agriculture demonstration project organized by Iowa State University and Hawkeye Community College. Management decisions on the 40-acre project site have been made based on integrated crop management principles and information gathered with the latest global positioning system/geographic information system technologies. Information on soil fertility, crop growth and development, and pest levels has been collected and correlated to final crop yields. Observations, conclusions, and recommendations as well as new questions raised will be shared at the following wagon stops

Keywords

Agronomy

Disciplines

Agricultural Education | Agricultural Science | Agriculture | Agronomy and Crop Sciences



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The Precision Ag Demonstration Project

Ken Pecinovsky, Northeast Research Farm superintendent, and Bill Lotz and George Cummins, ISU Extension crops specialists, will explain what we've done and what we've learned.

Making Sense of the Numbers

Antonio Mallarino, ISU agronomist, will discuss how to interpret the data from precision agriculture systems to make better soil fertility decisions.

Yield Monitor Accuracy

Tom Colvin, ISU ag engineer, will discuss the factors that affect the reliability of information collected with these technologies.

Precision Agriculture in the Real World

Tom Wagner, ISU Extension crops specialist, will share his experiences in precision agriculture with 9 years on his own farm operation and 7 years as a dealer agronomist providing these services.

Static displays explaining ISU research and demonstration projects related to precision agriculture will be available at the headquarters building.

The field day is free and open to the public. Preregistration is not required. CCA credits have

been requested. The Northeast Research Farm is located 1 mile south and 1.5 miles west of Nashua. Additional information on the field day is available from your "county extension office" or by calling me at 515-228-1453.

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