# **Precision Agriculture Information Systems. (A07-hawkins081638-Poster)**

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### Abstract:

Precision agriculture information is intensive. Agricultural producers collect a lot of information about field characteristics and face problems in organizing the data in a structural, easily accessible and meaningful way. An analysis of the current production processes, with emphasis on precision agriculture practices, was undertaken at the Purdue Agricultural Centers. The analysis led to the development of an information system in the form of process modeling tools of data flow and entity relationship diagrams. The data flow diagrams documented the production system's components and data flow. The entity relationship diagram documented the data that has to be captured, stored and processed in the farm office. This can be used to construct a relationship database and enhance the understanding of the farm information management system.

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