

Precision Agriculture

Department Information

- **Department Phone:**
701-231-7261
- **Department Email:**
ndsu.aben@ndsu.edu
- **Department Web Site:**
www.ndsu.edu/aben/
- **Degrees Offered:**
B.S.
- **Official Program Curriculum:**
bulletin.ndsu.edu/undergraduate/program-curriculum/precision-agriculture/

Precision agriculture is a crop and livestock production management system that uses a global positioning system (GPS) to monitor equipment field position to collect information and apply inputs as required at each location. Precision agriculture technologies include equipment guidance and automatic steering, yield monitoring, variable rate input application, remote sensing, in-field electronic sensors, section and row control on planters, sprayers and fertilizer applicators, and spatial data management systems. Click on "Computer Controllers" to compare features of each unit.