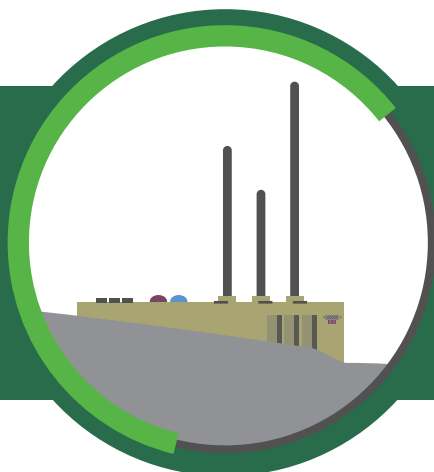
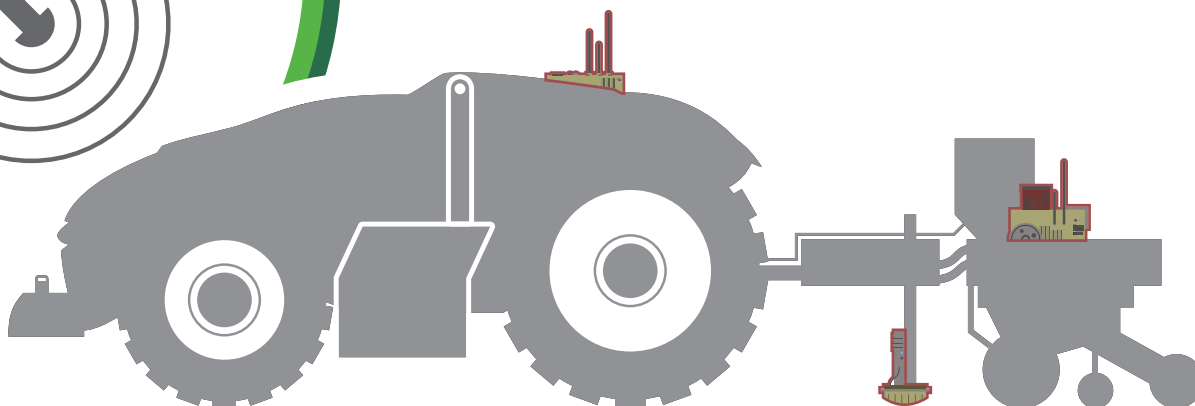


Precision agriculture uses the latest technology to amass valuable info for farmers, helping them increase efficiency, better manage production costs, and well...be more precise! Here are some tools that help move food forward.

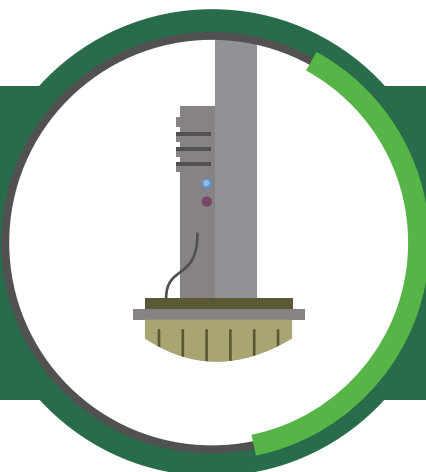


GPS-based applications can be used for farm planning, field mapping, soil sampling, tractor guidance, crop scouting, variable rate applications, and yield mapping. GPS mapping allows for more precise application of pesticides and fertilizers, reducing expenses and promoting sustainability.



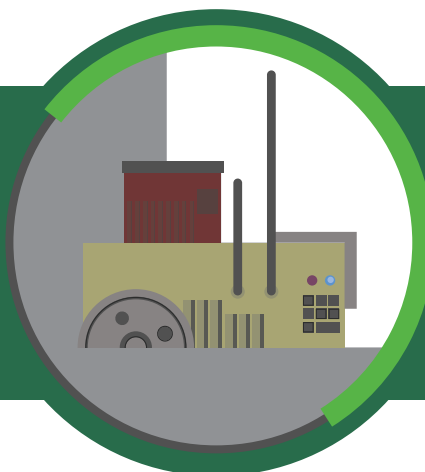
Robotics

Robotics: From fruit picking robots to driverless tractors, agricultural robots reduce back-breaking labor, can perform difficult tasks and increase productivity.



Sensor Technology

Sensor technology: Wireless sensors gather data on soil water availability, soil compaction, soil fertility, leaf temperature, leaf area index, plant water status, local climate data, insect-disease-weed infestation, and more.



Variable Rate Seeding

Variable-Rate Seeding: This practice helps farmers tailor seeding rates to address field variability and increase efficiency.