

## AgTech is revolutionizing the farming industry

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### Precision Farming

By analyzing soil and weather data gathered from GPS and satellites, farmers can increase productivity and efficiency by responding to changing conditions in real time.

Know the Risks: System failures, data accuracy concerns and reliance on third-party experts to collect and analyze data.

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### Agribots & Smart Tractors

Farmers have the potential to increase productivity, lower costs and reduce worker injury by automating tasks like weeding, fertilizing and harvesting, and using GPS-controlled tractors to optimize routes.

Know the Risks: Loss of connectivity, mechanical failures, crashes and collisions with people, livestock and structures or other machinery.

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### Thermal Imaging

Farmers can monitor the health of livestock with thermal imaging cameras to identify lameness and infection.

Know the Risks: Environmental conditions interfering with thermal readings and affecting the quality of data.

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### Agricultural Drones

Drones are broadly used by farmers to increase crop production and monitor crop growth. They can determine topography, assess health of crops and more.

Know the Risks: Collisions with people, livestock, structures and low-flying aircraft; potential privacy concerns and risk for fire if a gas-fueled drone crashes.

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### Smart Energy

To power farm facilities and equipment, many agribusinesses now rely on alternative energy sources like solar panels, wind turbines or methane converters.

Know the Risks: Damage from fire or severe weather, loss of connectivity, mechanical breakdown.

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