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(57) Abstract :

Our Invention MIMO Antenna for Smart Agriculture System is a new technology that would be a great breakthrough in the modern era. Food security is a critical issue nowadays. The changing climate, increasing population, a shift from a fuel-based population, a shift from a fuel-based towards a bio-based economy, and the challenge of getting land and freshwater. For these issues to empower farmers with the decision tools and automation technologies that seamlessly integrate product knowledge and services for better productivity, quality, and profit. Smart farm antennas are used in manual guidance and automatic steering applications. They are designed to resist vibrations caused by the movement of agricultural equipment over rough or uneven terrain. These agriculture network antennas also resist a wide range of outdoor temperatures and weather conditions. They may rely upon satellite communications and support precise control and positioning.

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