

## Digital Green Revolution: How Agriculture companies are Modernizing Indian Agriculture



NS

2 days ago

The Digital Green Revolution is an innovative movement that aims to modernize Indian agriculture by harnessing the power of technology. As the population grows and the demand for food increases, it is crucial to find sustainable and efficient ways to enhance agricultural practices. The Digital Green Revolution is at the forefront of this transformation, bringing together agriculture companies and technology to revolutionize the way farming is done in India. Through the integration of cutting-edge technologies such as IoT, AI, and data analytics, the Digital Green Revolution is transforming traditional farming methods into smart and data-driven practices. Farmers now have access to real-time weather information, soil analysis, crop monitoring, and pest management solutions, enabling them to make informed decisions and optimize their crop yields. The Digital Green Revolution is the implementation of precision agriculture techniques. By using GPS, drones, and satellite imagery, farmers can precisely map their fields, monitor crop growth, and apply inputs such as fertilizers and pesticides in a targeted manner. This precision ensures optimal resource allocation, minimizes input costs, and reduces the environmental impact of agriculture.

1. Sohan Lal Commodity Management – Sohan Lal Commodity Management Pvt. Ltd. (SLCM) Group, founded by Mr. Sandeep Sabharwal in 2009, is a leading organization in agriculture, dedicated to inclusive and holistic development. With a network of approximately 12,331 warehouses, SLCM impacts the livelihoods of over five crore people. The company's success can be attributed to its commitment to innovation and technology, as well as its divisional approach that focuses on logistics, digital solutions, procurement, and finance. SLCM's logistics division specializes in storage, fumigation, quality assessment, crop valuation, and risk management. It holds the distinction of being the largest player in the field. The company's digital wing showcases its technological prowess.

2. Unnati – Unnati, conceptualized and co-founded by Mr Amit Sinha & Mr Ashok Prasad, is a fintech based Agri platform which aims to minimize the risks in farming and ensure much-needed transparency in the farming business. Unnati's founders recognised the difficulties farmers experience as a result of farming's lack of predictability and regular access to production inputs and information. Their objective to connect farmers to a single digital platform that supports farm entrepreneurship has been their driving force, resulting in the development of a complete ecosystem for farm entrepreneurs. From Unnati financial services to crop-specific consultancy, the brand works with farmers at every stage of the farming life cycle to ensure a sustainable future.

3. Aquaconnect – Farming that takes place under the water is Aquaculture. With the changing weather conditions, the underwater condition also varies. Determining underwater conditions is even more difficult than of the outer crops. Founded by Rajamanohar Somasundaram, Aquaconnect is a full-stack aquaculture technology platform, pioneering the use of AI and satellite remote sensing to bring transparency and efficiency to the aquaculture value chain. The company also enables market linkages for aquaculture farmers, retailers, and seafood buyers to increase access to farm inputs, and post-harvest markets. Aquaconnect also provides formal credit to its retail partners and seafood buyers to ease their working capital needs and upscale their businesses.

Their unique tech solutions supercharge the entire aquaculture value chain and help build predictability and transparency into the value chain thereby making it efficient. Aquaconnect accelerates the adoption of technology and promotes the sustainable growth of the seafood industry.

Categories: [Agriculture](#)