Digital agriculture can revolutionize agriculture making it more profitable for the farmers through the democratization of information and access to appropriate inputs and equitable markets.

The greatest need is to deliver targeted and timely information to farmers based on their needs and aspirations. The empowerment that comes from providing farmers with informed options is transformational, especially for women and youth.

This can be achieved through:

**Bi-directional Information exchange**

- Inputs, weather, market prices and knowledge exchange between farmers is dynamic and with appropriate feedback loops, information and opportunities for farmers can be further refined to address the dynamic nature of agriculture production and market systems.
- (ICRISAT is strong on partnerships and expertise to tap this information)

**Access to information and expertise**

- Direct to farmer, provide farmer to farmer learning, modernization of the extension system
- (ICRISAT has set up models for private public partnerships to ensure farmer access to information and knowledge services)

**Technology**

- Software, hardware, networks (ICRISAT has developed GIS based software and hardware like the KrishiPHABLET and KrishiSIM)

This can be set up on a small scale/area and also scaled up nationally.
Three hundred phablets and mobile phones are being distributed to farmers across 37 villages in India to support their daily activities. This initiative is a joint venture between research institutions and private companies, aiming to bridge the gap between traditional farming practices and modern technology. The phablets provide farmers with real-time data, enabling them to make informed decisions and improve their yields. The initiative is part of a larger strategy to enhance the livelihoods of farmers and promote sustainable agriculture. The project is a win-win for all stakeholders involved, including farmers, research institutions, and private companies.