A smart farm in action

- **CLOUD STORAGE** means that growers can access all the information about their farm from any device and optimise every stage of the production process.

- **SELF-DRIVING VEHICLES** sow with precision, and plant seeds at exactly the right depth and separation for the type of crop, maximising the output of the land.

- **SMART CROP-SENSORS** collect data about moisture, lack of nutrients or the presence of pests to determine the need for irrigation, fertiliser or pesticides.

- **SMART COLLARS** on cattle send information about their health and any other data that may be of interest, such as, for instance, when an animal is ready to give birth.

- **DRONES** fly over fields, locating weeds, pathogens and sick animals; and collect data about the development of crops and their needs.

- **AUTOMATIC SYSTEMS** irrigate, fertiilse and fumigate each plot depending on its individual needs, at exactly the right time and using the precise dosage.

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Source: Thales / Nesta.