

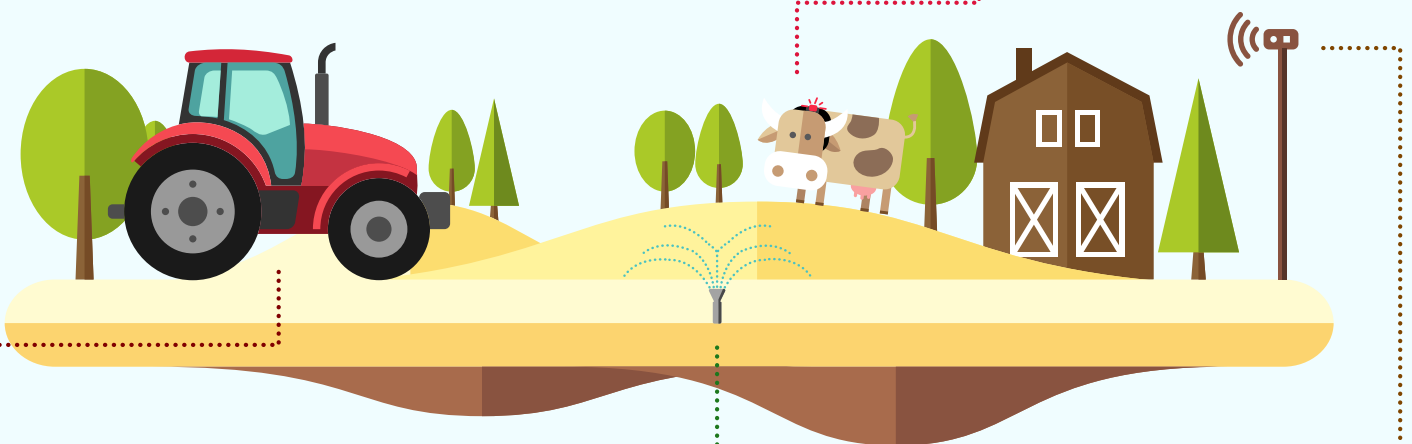
A smart farm in action



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

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

○ **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.



○ **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**.

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

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

Source: Thales / Nesta.