name: class: date:

Tech in Agriculture

1. Fill in the gaps with the right words!
2. Scan the QR code to check your answers interactively!
3. Copy the text in your exercise book!
4. Formulate the content of the text yourself!
   Use all gap words!

In the world of _____, technology has become a pivotal element in enhancing efficiency and productivity. Farmers now use _____ to monitor crop health from the sky, allowing for a broad view of their fields. The adoption of _____ technology ensures precise planting, fertilization, and harvesting, significantly reducing waste and increasing yield. _____ systems have become smarter, utilizing sensors to provide _____ to crops only when necessary, conserving a precious resource. In the battle against pests, _____ has enabled the development of crops resistant to diseases and _____, reducing the need for chemical pesticides. The _____ itself is now better understood, with advanced testing revealing exactly what _____ it lacks and how its composition affects plant growth. Livestock farming has seen the introduction of _____, devices that track the health and well-being of animals, leading to more humane and efficient practices. _____ are also making their mark, with machines performing tasks from milking _____ to picking fruits, tasks that require precision and stamina. The _____ collected by these technologies is invaluable, helping farmers make informed decisions that lead to more sustainable _____. Even market access has improved, with digital platforms connecting producers directly with _____, ensuring fairer prices and fresher products. In the future, _____ promises to revolutionize the way we grow food, using less land and water to produce crops in controlled _____. These advancements in agricultural technology are not just about increasing efficiency; they are about ensuring food _____, sustainability, and the well-being of our planet.

cows | data | consumers | agriculture | practices | drones | soil | Robotics | nutrients | water | Irrigation | insects | biotechnology | environments | security | vertical farming | wearables | GPS

Reference: https://materials.school/educational-activities/task-collection/environmental-science/tech-agriculture (created with ChatGPT)