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Digital Farming: A Revolution in Agriculture

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Introduction

In the past few years, digital farming has emerged as a revolutionary concept, transforming conventional agricultural practices. In simple terms, digital farming is the use of modern technologies such as sensors, drones, and algorithms to develop a data-driven approach towards farming. To understand the impact of digital farming, we need to take a closer look at the challenges faced by traditional farming practices [1]. Agri-food systems are under enormous pressure to feed the world's growing population while ensuring food security, sustainability, and pro tability. At the same time, climate change is causing extreme weather events, reducing crop yields, and threatening the livelihoods of millions of farmers. Traditional farming practices are simply not equipped to deal with these challenges. Many farmers still rely on trial-and-error approaches to farming, using pesticides and fertilizers excessively and damaging soil quality in the process. Traditional methods are not only unsustainable but also pose serious environmental and health risks for humans and animals [2-5].   is is where digital farming comes incrteasg thrles of cnt

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9. GreenJM (1989) Herbicide antagonism at the whole plant level. Weed Technol 3: 217-226.

10. Grichar WJ, Boswell TE (1987) Herbicide combinations in peanut (Arachis