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TOPIC: IF I COULD INVENT SOMETHING NEW

Invention is the act of bringing ideas or objects together in a novel way to create something that did not exist before.

Technology is the act of scientific knowledge for practical purposes and for solving problems.

Therefore, if I am given the opportunity to invent something new, I will most definitely invent a **Robotic Farming Machine** (RFM)**.**

The need to invent this came because of the current food situation affecting our economy and country Nigeria. A Robotic Farming Machine would be an advanced machine that would be designed to perform different faming activities with little or no human intervention. The robot would be able to operate independently.

The food supply and shortage has been because of persistent violence in some parts of our country Nigeria most especially in the North-East states. This and other compelling reasons stated below are the drive behind the need to invent a Robotic Farming Machine.

a. **Labour Shortages**: The Robotic Farming Machine can fill in the gap by performing labor intensive tasks as there is a growing shortage of agricultural laborers due to people migrating to the urban parts of the state, ageing population and the younger generation having no interest in farming.

b. **Increased Food Security**: The invention of the Robotic Farming Machine would increase agricultural productivity and efficiency. Robotic Farming Machine can contribute to higher food production by performing tasks such as planting, weeding and harvesting more efficiently and this would increase food security for our growing population.

c. **Increase in Efficiency and Productivity**: A robotic farming machine can operate for 24hrs, 7days a week without fatigue, leading to increase productivity and more efficient use of resources. The robots would be able to perform tasks more quickly and accurately than humans thereby improving overall farming outputs.

d. **Lifelong and Sustainable Farming Practices**: Robotic Farming Machines can help implement lifelong and sustainable farming practices by promoting diversification of crops and reducing chemical usage. This can lead to healthy ecosystems and more sustainable food production.

e. **Enhanced Crop Management**: The Robots would be able to continuously monitor and manage our crops by early detecting of diseases, pests, and nutrient deficiency. This detection would allow for timely interventions and reducing crop losses.
f. **Health and Safety**: Robotic farming machines would be able to take on tasks irrespective of the situations of violence witnessed in states, or people working in extreme weather conditions, risks and dangers of handling harmful pesticides or tasks that are physically demanding. This would make the Robotic Farm Machines improve safety and health of farm workers.

By addressing these key challenges and opportunities, the invention of the Robotic Farm Machine holds the potential to transform our agricultural sector by making it lifelong, more efficient, sustainable, and resilient to future challenges.

Thank You.