Plagiarism Detector

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PLAGIARISM SCAN REPORT

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When we talk about agriculture, our primary or most important consideration is producing food and other human needs such as clothing, shelter, medicines and many more including livestock feed, and our technology already came a long way in our world today in almost every aspect and it includes the agricultural section. We still use traditional methods in farming that needed a lot of manpower and with the advances of technology, farming as a profession have a negative connotation attached into it. Less and less people are giving interest in farming but our need for goods is not getting any lesser. Therefore, developing technology to improve managing farmlands can make farming sound professional and can improve the harvest goods that is needed by society. The development of agricultural robots can be dated as early as 1920s. Eli Whitney's Cotton Gin was one of the very first well-known agricultural machine that has been introduced in the year 1974 on March 14th by Eli Whitney. This machine has the ability to produce up to 50 pounds of cotton per day which is equal to hundreds of man hour and this can also isolate the cotton fibre from the cotton seed. AgBot I was also one of the agricultural robot introduced by QUT's Farm Robotics Program thats designed to transform agriculture. These are completely autonomous, lightweight, small, unnamed and golf-cart-look-alike machines that operates cooperatively and can work on a broad acre land. These agricultural robots (AgBots) was followed by Agbot II and many more advanced farm bots such as lettuce harvester, rice/corn combine harvester, a robotic arm to pick apples, you got it. But as cool as these machines are, many people are still conducting different kinds of researches for the sake of development. Which gives me the desire to enrich the practice of growing plants with the help of this research. Spray Bot is designed to scan and test the conditions of plants from removing unessential weeds, killing pests thats preventing the plant from growing, watering, and giving crops optimal amount of needed chemicals with the help of this Spray Bot. If we use this approach where we see and understand the need of every crop, we can spray the appropriate amount of what is needed and get the maximum amount from every plant. Thus, the world is amending as well as the agricultural section. In spite of the fact that agricultural robots or farm bots is slowly taking over the agricultural progression and is surely threatening especially to the local farmers, it is also the main reason why agriculturists produces crops and essential human needs effectively, faster and more handy compared to the traditional way of producing such products. But the possibility of robots taking over our farms completely one day is just lurking around the corner.

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