

Review on Optimisation of Agriculture Production

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Abstract: *The mechanism for Lack of proper understanding of optimum agricultural practises, which, if implemented, can raise yields at minimal prices and optimise resource utilisation, is a major cause of agriculture's suffering. Many farmers are abandoning or moving away from farming, primarily from agriculture, because they are not seeing a good return on their investments. In other words, they are taking out large loans to purchase the tools, seeds, fertiliser, pesticides, and other resources needed to grow crops, but the crop yield is insufficient to cover the loan balance, leaving them with crippling losses and debt. Thus, a significant piece of our nation's rich land, which was once the main source of the GDP of the country, is being wasted, which is a severe blow to the Indian economy. Through this project, we hope to offer a small but effective solution to this enormous issue by assisting farmers in farming in an optimised manner—that is, by assisting them in selecting the crop that will yield the highest yield given the farm's current soil and climate.*

Keywords: Soil Analysis, crop mapping, soil moisture, Precision Agriculture

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