

Agriculture Assist: NPK Based Soil Analysis

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Abstract: *The goal of this project is to help the crew members of villages carry out awareness events. Through this project, they can store their data in an easy to use interface. It will allow them to prepare a schedule for the events, and it will also help them present their various documents. Through this project, the crew members can also monitor the various activities happening in the village at any given time. It will allow them to make informed decisions and improve the efficiency of their activities. One of the most important factors that the government of India considers when it comes to implementing this project is the availability of soil analysis facilities. One of the most important factors that the government of India considers when it comes to implementing this project is the availability of soil analysis facilities. In 2008, a national project was launched to improve the management of soil fertility and health. States are also providing significant funding for soil testing programmes through the "Rashtriya Krishi Vikas Yojana (RKVY)" and "Macro Management of Agriculture (MMA)" programmes. Our software offers the capability for farmers to input the values of the corresponding nitrogen, phosphorus, and potassium counts from the soil analysis report. As a result, the farmer is able to obtain reliable information on the soil's fertility and which crops are acceptable for it. The farmer will be able to make more money with less outlay.*

Keywords: Cloud computing, Mobile computing, Information and Communication technologies

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