



## Monitoring and Detecting Plant Diseases Using Cloud-Based Internet of Things

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### Abstract

A device composed of actuators is the internet of things. The internet of things (IoT) should be used for enhancing agricultural efficiency in precision agriculture. The bedrock of the Indian economy, agriculture, is adding to the country's total economic performance. Nevertheless, the efficiency contrasts with world norms. Regardless of the usage of minimum agricultural advancements and farmers from villages today for other productive enterprises, regions move to a metropolitan region, and they cannot rely on agriculture. Farming creativity is not new, but smart farming is expected to be pushed to the following internet level by IoT, a unit made up of actuators or sensors. This chapter demonstrates IoT's role in agriculture and its use in identifying plant diseases through leaf images. Several researchers' works in the domain are also outlined, and future perspectives of IoT in recognizing plant diseases are discussed briefly.

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