



## Fertilizer

## Recomentation System for Disease Prediction

Agriculture is the most important sector in today's life. Most plants are affected by a wide variety of bacterial and funoal diseases. Diseases on plants placed a major constraint on the production and a

major threat to food security. Hence early and accurate identification of plant diseases is essential to ensure high quantity and best quality. In recent years, the number of diseases on plants and the degree of harm caused has increased due to the variation in pathogen varieties, changes in cultivation methods, and inadequate plant protection techniques.

10 minutes to prepare  
1 hour to collaborate  
2-5 people recommended



Need some inspiration?  
See a finished version of this template to kickstart your work.  
Open example



### Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

10 minutes



**A Team gathering**  
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.



**B Set the goal**  
Think about the problem you'll be focusing on solving in the brainstorming session.



**C Learn how to use the facilitation tools**  
Use the Facilitation Superpowers to run a happy and productive session.

Open article

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### Define your problem statement

What problem are you trying to solve? Frame yo problem as a How Might We statement. This will b focus of your brainstorm.

5 minutes



**PROBLEM**

1. Identify the disease on plants using deep learning technl and to recommend the fertilizers for reducing the diseas  
2. Provide website information for recommened fertilizer.



Learn how to use the facilitation tools  
Use the Facilitation Superpowers to run a happy and productive session.

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**Key rules of brainstorming**  
To run an smooth and productive session

Stay in topic. Encourage wild i

Defer judgment. Listen to others.

Go for volume. If possible, be vis

2

### Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

SARAVANAN M

Website for Fertilizer recommendation

Identify the disease

Determining best fertilizer

Pre-trained model for image classification

Build keras image classification model

Making revolutionary changes in agriculture field

User friendly website

It reduces mam power

Smart solution to solve the problem

It simplifies the farmers work

They can find the diseases at early stages

Cost of using this application is less

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