

Welcome to the project

About the App

Use this simple app to detection plate disease from the image,provides scientific explantion and remedies to cure disease .

About the Dataset



HACKATHON 2023



VIGNAN'S
Foundation for Science, Technology & Research
(Deemed to be University)
-Estd. u/s 3 of UGC Act 1956

Identify and Solve Disease in Plants/Crops

Which crop like to choose?

Tomato

You selected: Tomato



Drag and drop file here

Limit 200MB per file • JPG, PNG, JPEG

Browse files



0b170906-9436-4c0d-84c1-c396ad9d909b____FREC_Scab 3101.jpeg 16.8KB



Here is the image you've selected



Welcome to the project

About the App

Use this simple app to detection plate disease from the image,provides scientific explantion and remedies to cure disease .

About the Dataset



Here is the image you've selected



name of the disease: Tomato_Late_blight

Description

Tomato late blight is an oomycete disease caused by the fungus-like organism *Phytophthora infestans*. It is one of the most devastating diseases of tomato and potato plants, leading to significant crop losses in many parts of the world each year. Symptoms of the disease include yellowing and wilting of lower leaves, along with brown or black lesions on the affected foliage. In severe cases, entire plants can be killed. Control of late blight is difficult and involves a combination of cultural and chemical methods, including rotation of other crops, pruning, sanitation, and the use of fungicides.

Prevention

Fertilizers that are commonly used to treat tomato late blight include nitrogen-based fertilizers, sulfur-based fertilizers and potassium-based fertilizers. Additionally, adding organic matter to the soil can help.


×

Welcome to the project

About the App

Use this simple app to detection plate disease from the image,provides scientific explantion and remedies to cure disease .

About the Dataset



name of the disease: Tomato_Late_blight

Description

Tomato late blight is an oomycete disease caused by the fungus-like organism Phytophthora infestans. It is one of the most devastating diseases of tomato and potato plants, leading to significant crop losses in many parts of the world each year. Symptoms of the disease include yellowing and wilting of lower leaves, along with brown or black lesions on the affected foliage. In severe cases, entire plants can be killed. Control of late blight is difficult and involves a combination of cultural and chemical methods, including rotation of other crops, pruning, sanitation, and the use of fungicides.

Prevention

Fertilizers that are commonly used to treat tomato late blight include nitrogen-based fertilizers, sulfur-based fertilizers, and potassium-based fertilizers. Additionally, adding organic matter to the soil can help reduce plant disease.

one of the expert

One expert in Tomato Late Blight is Professor William Fry, a plant pathologist at the University of California, Davis.

Made with Streamlit