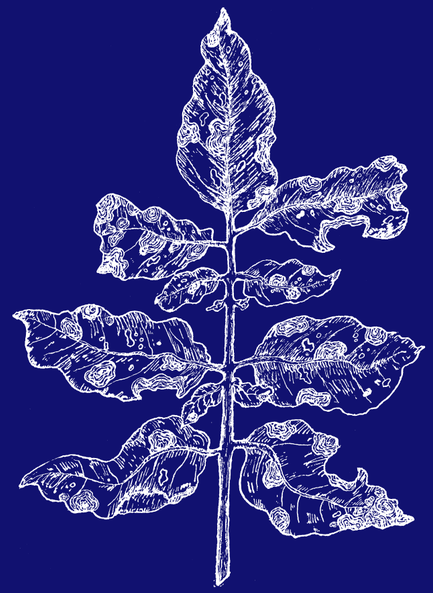
COMMUNITY SERVICE PROJECT

PLANT DISEASES

OBJECTIVES

To Reduce the Damage caused by Plant Diseases for the Farmers

To implement advanced technique to identify the plant diseases



PARTICIPANTS

Guduru Saikumar - 20091A3433 - CSE&BS

WHAT YOU HAVE STUDIED

I learned About the Plant Diseases

I come to know how to Reduce the Damage caused by Plant Diseases

I learned To implement advanced technique to identify the plant diseases

OBSERVATION

Following Old methods in plant diseases

Not using the new technology

Following the advice from senior Farmers and Pesticide's owners

Major problems facing in plant diseases in framing

PROBLEMS

Lack of test labs near by locations

Doing trail and error methods for unidentified plant diseases

Lack of information about the new and dangerous diseases

Lack of awareness in advanced technology usage

Most of the problem occurs in plant diseases mainly in winter

SOLUTIONS

Plant Protection Products - Proper disease identification. Proper timing & interval.

Know Your Crops - Environmental conditions conducive to disease development.

Usages Technological applications –
Using of Plantix and BigHaat smart farming and plant disease detection application.

OUTCOMES

As per project Conclusion, plant diseases is key for the crop and fields so we need take care of it and make things to for managing of that fertilizer and pesticides as need and also using of the technology applications in farming makes the advancement in upcoming years in agriculture and implementation the usage oftechnological applications like plantix and bighatt recommended and also plant diseases detection apps.

In the forthcoming years, the development of more innovative agricultural-related techniques is prime that will help in increase of the yield and provides resistance to plants. Some of them are developed earlier but there is still needed to develop more pathogen-resistant species for example in case of silencing of genes with insertion of a viral segment. Plants genetically modified by classical techniques have been highly beneficial to society during this century. These benefits are expected to continue and grow in the years ahead through the additional applications of recently developed molecular and cellular techniques. Farmers and consumers will be the major beneficiaries of the improved economic productivity that should keep farmers more competitive in the world markets, while improving food, feed, and new plant products through production practices that are compatible with the environment.

FUTURE SCOPE

> Usages Technological applications
> Using of Plantix and BigHaat smart farming
> plant disease detection application.

BigHaat Smart Farming App - Learn, Connect & Grow