Farmers Welfare Management System

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Abstract - Now a day’s farmers are facing a lot of problems about the crops because of the irregular rainfall and the soil fertility. The farmers are not getting proper suggestions from the experts. In this project we are going to provide a web application in which the farmers can get the suggestions from the experts and can know about the new schemes and insurance policies of the agriculture. The students can also access the information about the agriculture. The farmers can post their queries and can get the reply from the experts. The system helps farmers to make decisions on market and prices.

Index Terms - Farmers, Insurance policies, soil fertility, Agriculture, fertilizers.

INTRODUCTION

Agriculture is the back bone of India. Agriculture is the cultivation plants to provide food, fiber, medicinal plants and other products to sustain and enhance life. Agriculture was the key development in the rise of sedentary human civilization, whereby farming of domesticated species created food surpluses that enabled people to live in cities. The study of agriculture is known as agricultural science. The history of agriculture dates back thousands of years, and its development has been driven and defined by greatly different climates, cultures, and technologies; industrial agriculture based on large-scale monoculture has in the past century become the dominant agricultural method. Modern agronomy, plant, agrochemicals such as pesticides and fertilizers, and technological developments have sharply increased yields from cultivation, but at the same time have caused widespread ecological damage. Farmers are persons who can produce crops and give us food to eat.

But today farmers are facing a lot of problems due to uneven rainfall and the climatic conditions. They can use the pesticides for their crops without checking the soil fertility but just by knowing that other farmers are using the fertilizers and their own experiences. Soil analysis is not done scientifically, with any authorities available to authenticate data. This causes a low production of the crop. The projected system could be an internet primarily based application through that farmers and students will access the desired info. The system maintains details of state loans and insurance schemes. The system helps farmers to form selections on market and costs. Farmers will access salt and plant food analysis for a selected region. The system provides solutions to queries and issues visaged by farmers. The system jointly helps students to access the knowledge for his or her analysis and educational functions.

MODULES

The modules used in this application are as follows
1. Administrator Module
2. Agriculture officer module
3. Farmer Module
4. Student Module
5. General User Module

1. Administrator module:
Administrator will individual profile management from every kind of users. Administrator coordinates on-line question handling for all users. General queries area unit handles by administrator and specific queries area unit forwarded to agriculture officers. Administrator facilitates communication between users, consultants and general public through forums, chat, mail and polls. Administrator is accountable to publish info regarding major crop markets and their current worth. Administrator additionally drives awareness regarding numerous government schemes.

2. Agriculture officer module:
Agriculture officer conducts basic soil analysis for all regions and provides suggestions on those fertilizers to use and in what quantity. Officers additionally counsel that crop, herb or vegetable may be mature within which space and within which season. Officers handle on-line queries from users. Officers will schedule trainings and publish it online.

3. Farmer module:
Farmers should register with the system to avail the services and access the data. Farmers will send their queries to either administrator or officers. Once attainable, farmers also can move with consultants and general public. Farmers also can post their views and opinions. Farmers will access soil analysis reports. Farmers will request coaching on-line.

4. Student module:
Students should register with the system to access info. Students will move with officers and consultants to realize information concerning agricultural practices. Students will access soil analysis reports. Students will request coaching on-line.

5. General user module:
General public embody users, experts, businessmen and NGOs. Users will access general info concerning agriculture sector. Consultants and businessmen will transfer the data regarding their tools and solutions on indictable basis. NGOs will schedule trainings and publish it on-line. NGOs attempt to unfold messages to create agriculture eco-friendly.
CONCLUSION

In this project we have provided a web application in which the farmers can get the suggestions from the experts and can know about the new schemes and insurance policies of the agriculture. The students can also access the information about the agriculture. The farmers can post their queries and can get the reply from the experts. The system helps farmers to make decisions on market and prices.

REFERENCES

[1] www.javatpoint.com
[7] www.w3schools.com