

CROP DIAGNOSTICS APPLICATION

Offline Picture Based Agriculture Diagnosis of Plants

Crop Diagnostics is a smartphone application that helps to provide information about the curative measure of pest and disease related problems. This application was developed to make farmers get quick solution to their agricultural problems when extension agents are not available.

Crop Information: Currently it provides information of 10 crops namely peanut, chili, mung bean, jute, eggplant, corn, lady finger, sunflower, rice and lentil.

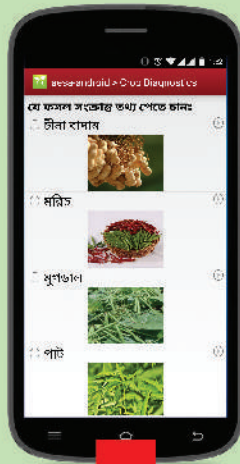
The unique features and advantages of this smartphone application are following:

- Offline smartphone service for agricultural information
- An user/farmer can access the agricultural content by tapping on the images used in the application
- Contains information with real images about various diseases that can occur at different stages of the crop along with solution at the end
- Helps users/farmers to attain emergency agriculture extension service
- Overall a smartphone application which saves time and money of farmers in attaining agricultural information

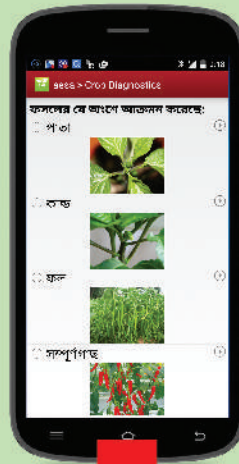


HOW IT WORKS?

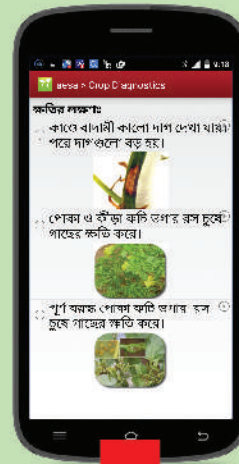
When any farmer faces any pest or disease problem on his/her farm land, Crop Diagnostics Application lets him/her diagnose the problem and take necessary control measure by following the simple 4 steps.



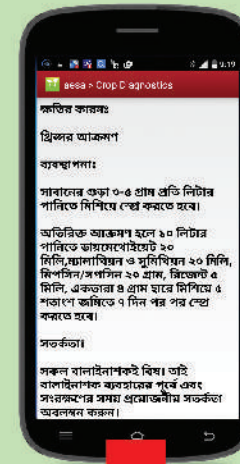
STEP 1:
The user chooses the crop



STEP 2:
Selects the affected part of the plant



STEP 3:
Identifies the affected part by tapping on the image



STEP 4:
Finally a page showing the name of the disease along with solution pops up