User Manual
on
Mobile based Expert System for Coconut Crop

Version 1.0

Developed
by
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Contents

1. Installing Coconut Expert System Mobile Application

a) Coconut Expert System can be installed on any Android mobile device by directly clicking on below Google play store link

https://play.google.com/store/apps/details?id=com.cdac.tnau_coconut_eng&hl=en

(OR)

Type Coconut Expert System in Google play store. From list of displayed result select " Coconut Expert System"

b) Click on "Install" button to install Coconut Expert System.

Wait for sometime, depending on the available network speed mobile application will be installed on to the device within 1 or 2 minutes.

2. Starting Application

To start the **Coconut Expert System** application follow the steps given below:

1. Click on Coconut Expert System icon on application menu.

2. On clicking the Coconut Expert System icon, the application starts and displays a "Splash Screen".

3. On clicking PROCEED button, Home page will be displayed.

Home page contains the following options

      a. Decision Support System
      b. Crop Doctor
      c. Information System

Splash Screen

Home Page

3. Decision Support System

To start the **Decision Support System** follow the steps given below:

1. Click on Decision Support System button in Home page.

2. On clicking Decision Support System button, list of sub topics related to Coconut Decision Support System will be displayed.

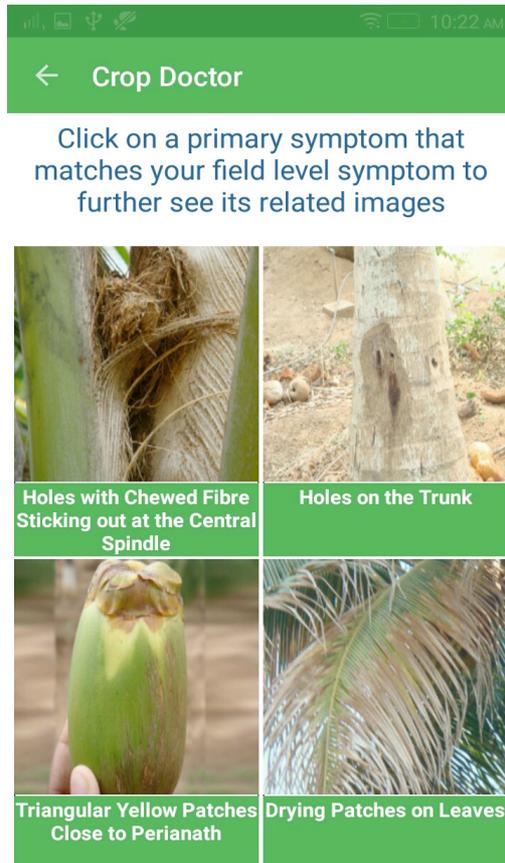3. Click on identified list item to read its related content.
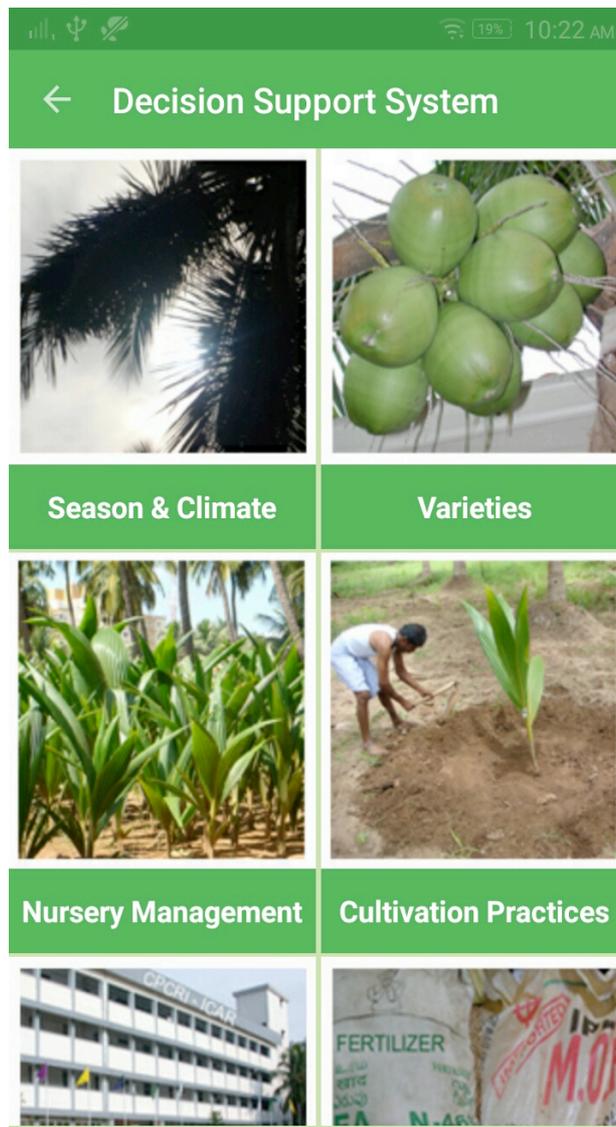
Decision Support System First Screen

4. Crop Doctor

To start **Crop Doctor,** follow the steps given below:

1. Click on Crop Doctor button in Home page.

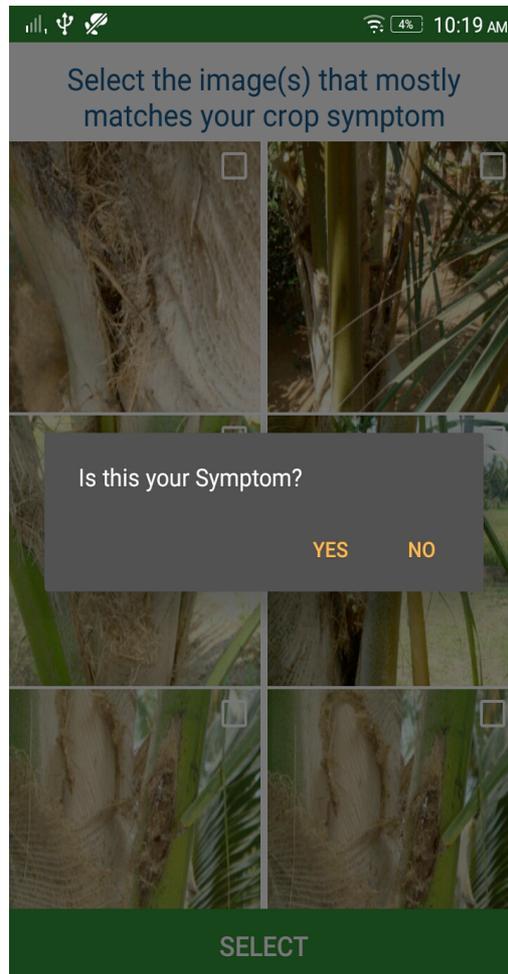2. On clicking Crop Doctor button, list of primary symptoms will be displayed.

3. Click on primary symptoms that has been observed in Coconut plant.

4. On clicking primary symptom, images related to respective primary symptom will be displayed.
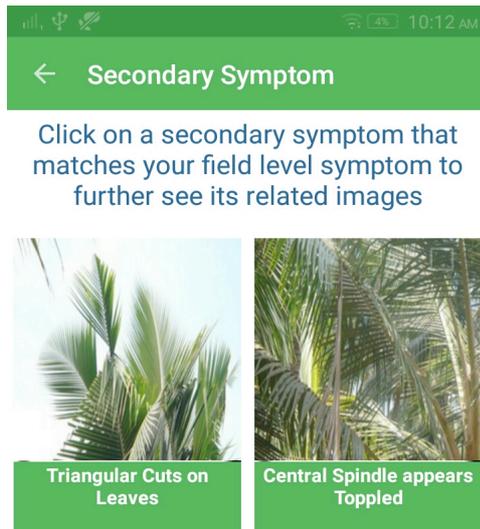
5. Select images that are related to primary symptom and click on "Select" button. (Upto 3 Images can be selected)
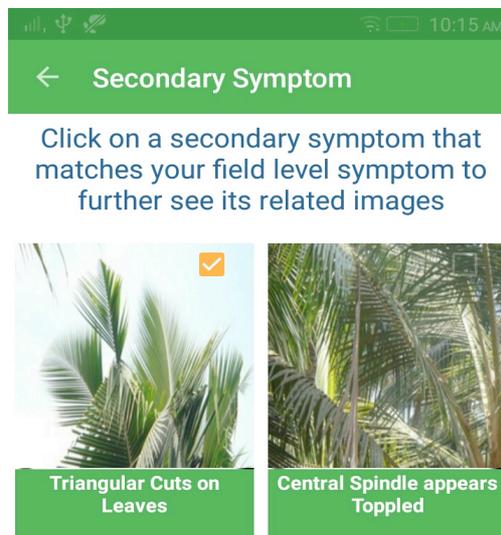
6. On clicking "Select" button, "Is this your Symptom?" message will be prompted. If the selected images are related to observed symptoms, click on YES button else click on NO button.

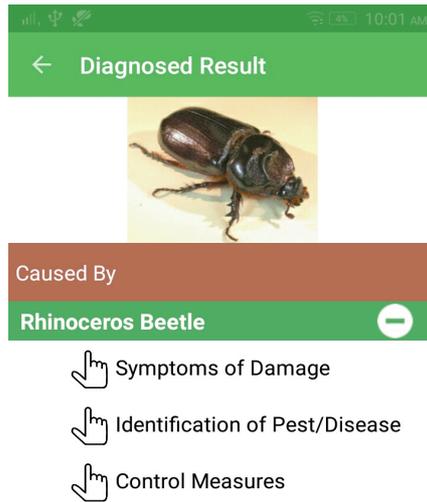7. On clicking on YES button, "Secondary Symptoms" related to selected primary symptoms will be displayed.

8. Click on secondary symptoms that has been observed in Coconut plant.

9. On clicking secondary symptom, images related to respective secondary symptom will be displayed.

10. Select images that are related to secondary symptom and click on "Select" button. (Upto 3 images can be selected)

11. On clicking "Select" button, "Is this your Symptom?" message will be displayed. If symptom is related to observed secondary symptom, click on YES button else click on NO button.

12. After selection of secondary symptoms click on CONTINUE button.

13. On clicking CONTINUE button, list of selected images will be displayed. Click on DIAGNOSE button.
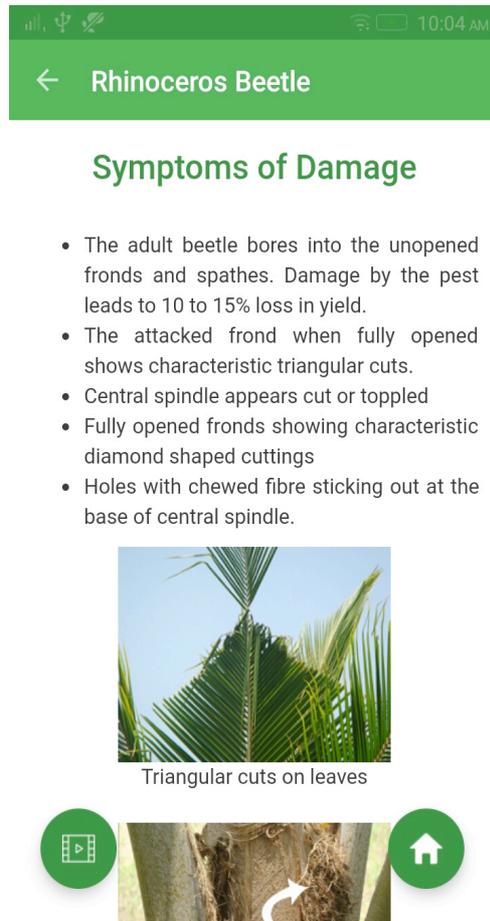

14. On clicking DIAGNOSE button, list of disease(s) caused will be displayed.

15. Click on Symptoms, Identification and Control measure to read its related content.

16. Click on VIDEO icon (bottom left icon) to view diseases related video.

5. Information System

To start the **Information System** follow the steps given below:

1. Click on Information System button in Home page.

2. On clicking Information System button, list of subtopics related to Coconut Information System will be displayed.

3. Click on list item to read related content.
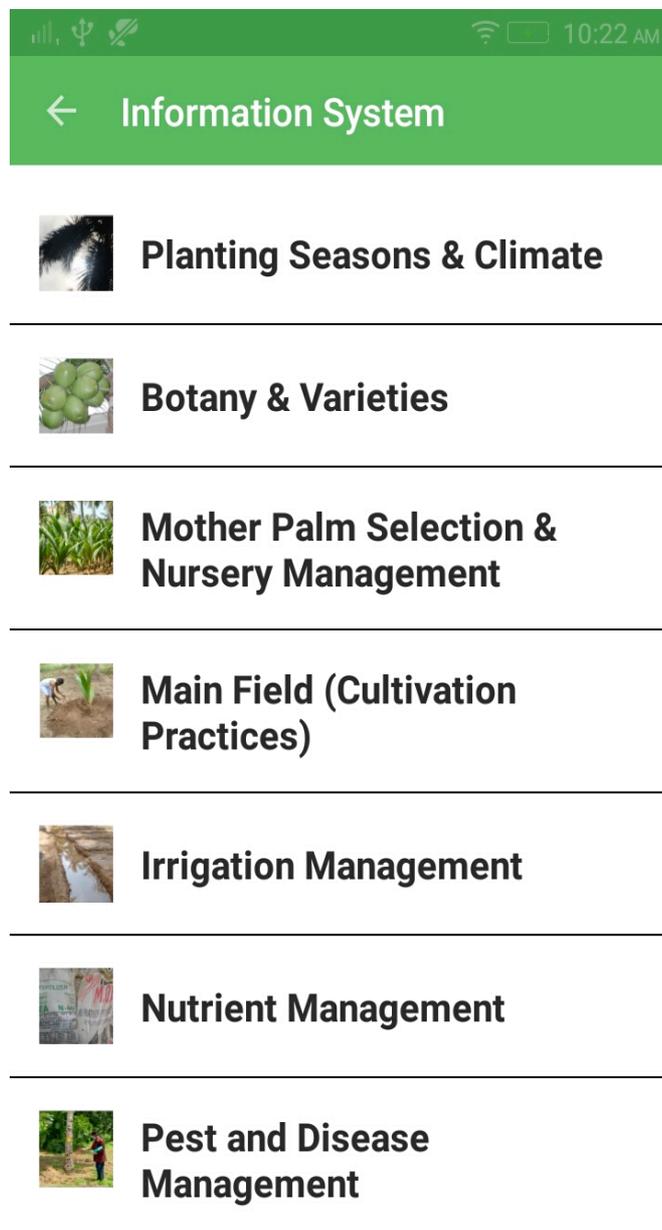
6. Closing Application

To close the application follow the steps given below:

1. Navigate to Splash screen.

2. Pressing the back button on the device, user will be shown "Are you sure?" message. Click on YES button to close the application.