

E-Pest Surveillance & Pest Management

Department of Agriculture and Farmers' Empowerment

Farmer_Advisory - Manual

Steps for VAW:

- Visit the URL: “<https://www.epestodisha.nic.in/vawApp/authentication>” using the Google Chrome browser.
- In the authentication screen, enter the correct username and pin provided to user. The default pin is “123”. (If the Username is not provided, please contact the department for the same.)
- To begin the Pest inspection process, the user must synchronize data by authentication process in the “Synchronization” page. (If the user is accessing the account for the first time, he / she will be redirected to Change Password page. For further subsequent synchronizations, the new password will be required.)
- Three sections namely – ‘Crop Details’, ‘Pest Details’ and ‘Photo & Location details’ are to be completed by the user for successful submission of the inspection process.
- The Inspection process can only be carried out 4 days / week (Monday, Tuesday, Wednesday & Thursday up to 12.00pm).

Note:

- In Farmer Advisory area is less than or equal to 0.4 ha.
- Farmer ID and / or Aadhaar Number and Mobile Number of the concerned Farmers are to be entered.
- A Reference Number will be generated after the submission of ‘Crop Details’ section.
- The Photographs must be from different GPS locations for the successful submission.

Step-by-step Explanation with Screenshots:

- Use of smart-phone is mandatory and the recommended browser is 'Google Chrome'.
- Open the Google Chrome browser and visit the link: "https://www.pestodisha.nic.in/vawApp/authentication".
- In the Authentication screen, enter the correct username and pin provided by the department and click on the Enter button. (In case the username is not received. Kindly contact the concerned authority.)
- The default pin is "123".

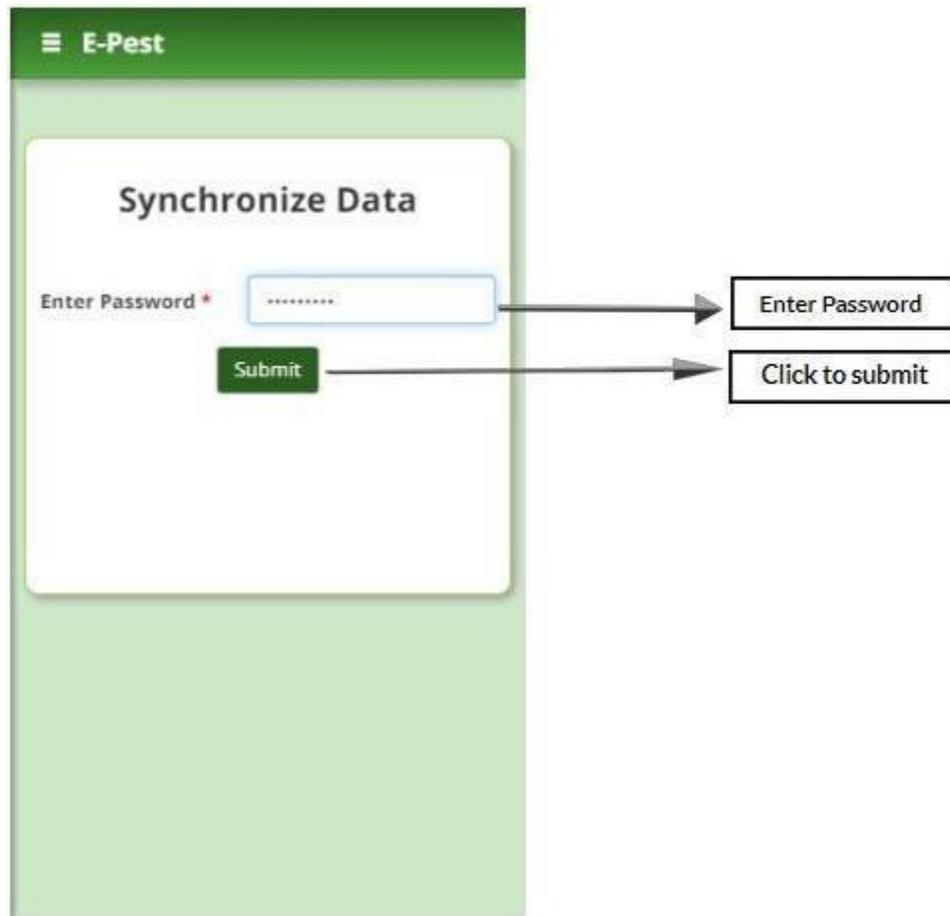
The screenshot shows the e-Pest authentication interface. At the top, there is a logo with three green leaves and the text "e-Pest". Below the logo, the text "e-Pest" is displayed in a larger font. The form contains two input fields: "Username" with the value "VAW_1" and "Pin" with three dots. A green "ENTER" button is located below the input fields. At the bottom, there is a link "Forgot Username / Pin". Three arrows point from the input fields and the "ENTER" button to external labels: "Enter Username" for the username field, "Enter Pin" for the pin field, and "Click to login" for the "ENTER" button.

- After authentication, the user will be redirected to 'Synchronization' screen. If the user is accessing the account for the first time, then he / she will be redirected to 'Change Password' screen.
- It's mandatory to change password for the first time. If the user has changed password in web application, the above procedure won't be required.
- For further subsequent synchronizations, the new password will be required.

The image shows a mobile application interface for changing a password. The header is green with the text 'E-Pest' and a menu icon. The main content area is white with a green border and the title 'Change Password'. Below the title are three input fields: 'Old Password *', 'New Password *', and 'Confirm Password *'. The 'New Password' and 'Confirm Password' fields have green checkmarks. A green 'Submit' button is at the bottom. Arrows point from each field and the button to corresponding labels on the right: 'Enter Old Password', 'Enter New Password', 'Confirm Password (must match with the new password)', and 'Click to submit'.

- In the 'Synchronization' page the user needs to enter password for the authentication purpose.
- Here the updated data will be downloaded to mobile as well as the same will be uploaded to the server for a smooth offline experience.

- After successful synchronization the user will be redirected to 'VAW Reporting' page.
- To begin the Pest Inspection, click on the 'Farmer Advisory' tab on the sidebar menu.



- The 'Inspection' process is divided into 3 sections, namely – 'Crop Details', 'Pest Details' and 'Photo & Location details'.
- In the 'Crop details' section, Farmer ID and / or Aadhaar Number and Mobile Number of the concerned farmers are to be entered.
- On submitting the 'Crop details' section, a Reference Number will be generated against the Pest Inspection and the user will be redirected to 'Pest details' section.

E-Pest

1 Crop Details 2 Pest Details 3 Capture Photo

Select GP * ANARBAND

Select Village * Samakoi

Farmer ID ANG/ Enter Farmer ID
and / or

Aadhaar No. enter Aadhaar No.

Add Farmer ID & / or Aadhaar No. +

Farmer ID :- ANG/321 x
Aadhaar No :- NA

Farmer ID :- NA x
Aadhaar No :- *****1352

Farmer ID :- ANG/654 x
Aadhaar No :- *****4984

Mobile No. * +91- 8093335151

Season Kharif Rabi

Crop Category * Oil Seeds

Select Crop * Ground Nut

Crop Stage * Flowering

Submit & Proceed

Select GP

Select Village

Enter Farmer ID

Enter Aadhaar No.

Click to Add Aadhaar No. and / or Farmer ID

Enter Mobile No.

Select Crop Category

Select Crop

Select Crop Stages

Submit and proceed to pest details section

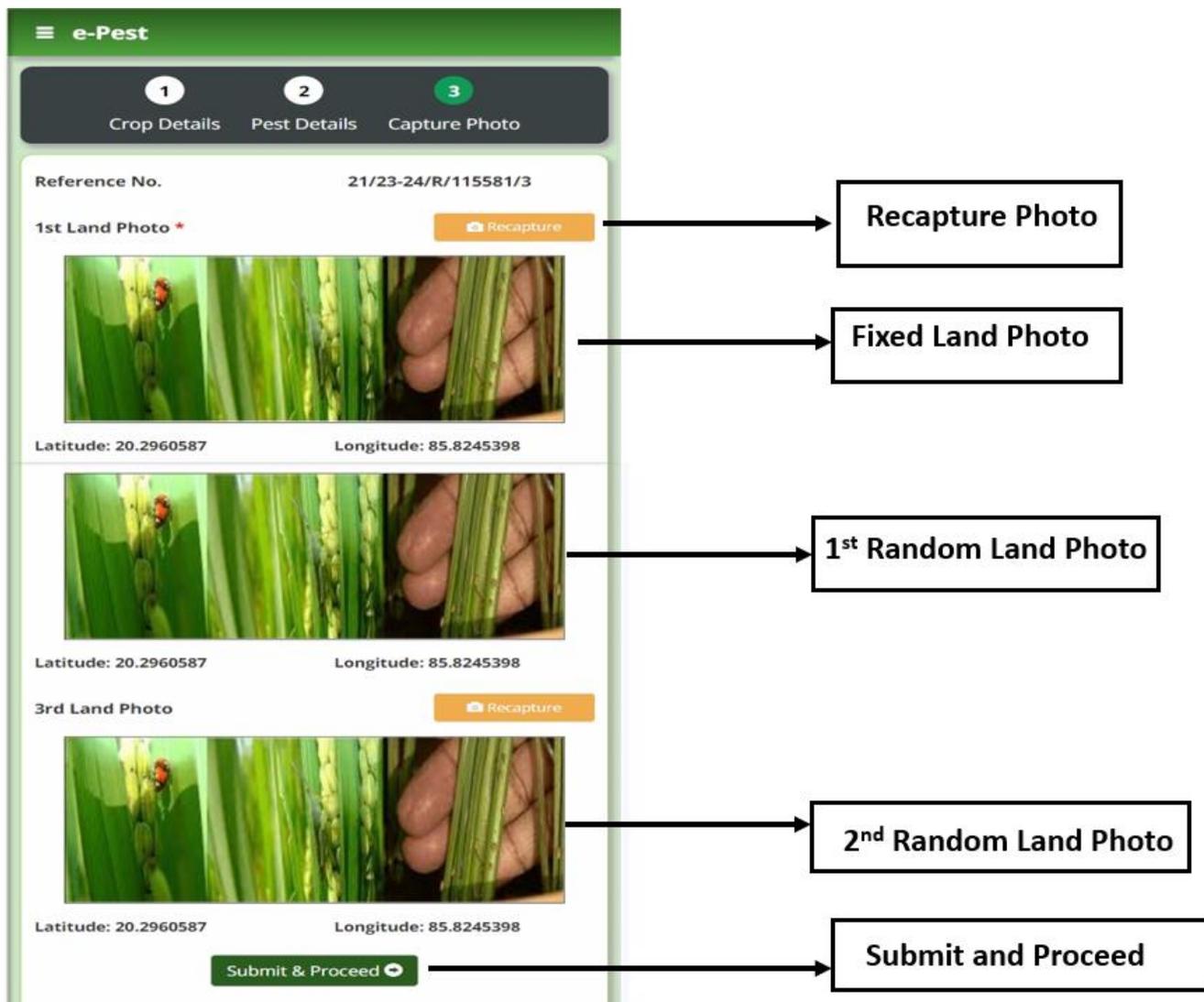
- In the Pest details section, the user can issue the advisory if and only if the pest is identified.
- The total area affected must be less than or equal to the Area of Land.
- The total area treated must be less than or equal to the total area affected.
- The moderate advisory can be given if and only if the moderate pest intensity area is present. The same goes for the high advisory.

- The user will be redirected to 'Photo & Location details' section after submitting the 'Pest details' section.

The screenshot displays the 'e-Pest' application interface, specifically the 'Pest Details' section (indicated by a green circle with the number 2). The interface is divided into three main sections: 'Crop Details', 'Pest Details', and 'Capture Photo'. The 'Pest Details' section contains the following fields and callouts:

- Reference No.:** 21/23-24/R/115581/3
- Pest Identified *:** Radio buttons for Yes (selected), No, and Not Found. Callout: **Is Pest Identified?**
- Select Pest:** A dropdown menu showing 'Swarming Caterpillar'. Callout: **Select Pest**
- Area of Land *:** A text input field with '0.4' and a unit selector 'ha'. Callout: **Enter Area of Land**
- Area Affected (in Hectare) :---**
 - Low *:** Input field with '0.1'. Callout: **Enter Low, Moderate and High Area Affected**
 - Moderate *:** Input field with '0.1'. Callout: **Enter Low, Moderate and High Area Affected**
 - High *:** Input field with '0.2'. Callout: **Enter Low, Moderate and High Area Affected**
 - Total Area Affected:** 0.4 ha
- Area Treated (in Hectare) :---**
 - Low *:** Input field with 'Enter Area'. Callout: **Enter Low, Moderate and High Area Treated**
 - Moderate *:** Input field with '0.1'. Callout: **Enter Low, Moderate and High Area Treated**
 - High *:** Input field with '0.1'. Callout: **Enter Low, Moderate and High Area Treated**
 - Total Area Treated:** 0.2 ha
- Pest Population / Nature of Damage :---**
 - Moderate:** Dropdown menu with '1 Caterpillar / Sq m'. Callout: **Select Moderate and High Pest Population**
 - High:** Dropdown menu with '>1 Caterpillar / Sq r'. Callout: **Select Moderate and High Pest Population**
- Advisories :---**
 - Moderate:** Dropdown menu with 'Paddy - Swarming C'. Callout: **Select Moderate and High Advisories**
 - High:** Dropdown menu with 'Paddy - Swarming C'. Callout: **Select Moderate and High Advisories**
- Submit & Proceed** button. Callout: **Submit and Proceed to Photo Details Section**

- In the 'Photo & Location details' section, the user has to click on the camera icon to capture the photo.
- Only the 'Fixed Land photo' is mandatory. Both the 'Random Land photos' are optional. Please allow the confirmation asked by the browser for GPS location.
- The Photographs must be from different GPS locations for the successful submission.
- In case a wrong photo is captured, the user can click on the Re-Capture button to capture the correct photo again.
- On submitting this section the Pest Inspection process for the generated Reference Number is successfully completed.
- Re-visit the 'Synchronization' page and follow the above steps to synchronize the updated data.



Note:

- In case a wrong data is entered and synchronized, the concerned AAO has the authority to remove the same.
- If the Pest Inspection process for a certain generated Reference Number is stopped anywhere in between the 3 steps, the same will be rolled back (deleted) immediately.
- After successful synchronization, an advisory related SMS will be sent to the respective farmers.