

E-Pest Surveillance & Pest Management

Department of Agriculture and Farmers' Empowerment

JDA(PP) - Manual

Web Application:

Steps for JDA(PP):

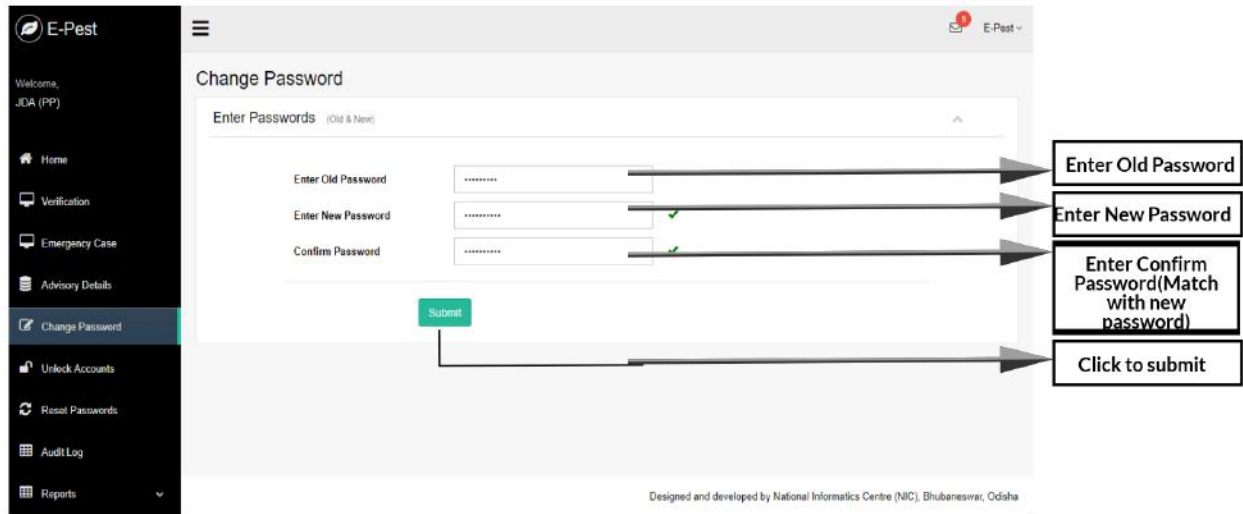
- Visit the URL: “epestodisha.nic.in” using the Google Chrome browser. In order to sign-in click on the ‘Login’ button in the main menu of the home page.
- In the login screen sign-in with the correct user credentials provided to user and enter captcha as displayed. The default password is “Test@1234”. (If the User ID and the Password are not provided, please contact the department for the same.)
- The user must change the password after initial login. For further subsequent logins, the new password will be required to access the account.
- In the ‘Verification’ page, the user can view the ‘reference number’ and the details respective crop, pest and intensity wise.
- In the ‘Emergency Verification’ page, the user can view the ‘emergency reference number’ and the details respective crop, pest and intensity wise.
- In ‘Advisory Details’ page, the user can add advisory.
- In ‘Unlock Accounts’ page, the user has the facilities to unlock the VAW, AAO and ADO account, when they are lock by entering multiple times wrong password at the time of login.
- In ‘Audit Log’ page, the user can view the details of the total application use.
- In ‘Reset Password’ page, the user has also reset the password of the VAW, AAO, ADO and OUAT.
- In the ‘Block-wise Advisory SMS’ page, the user can send a message to AAO and respectively VAW about the pest advisory. In SMS Format send the advisory block wise.

Step-by-step Explanation with Screenshots:

- Visit the URL: “epestodisha.nic.in” using the Google Chrome browser. In order to sign-in click on the ‘Login’ button in the main menu of the home page.
- In the Login screen, enter the correct user credentials provided by the department (along with the captcha) and click on the Login button. (In case the user credentials are not received. Kindly contact the concerned authority.)
- The default password is “Test@1234”.

The screenshot shows the homepage of the E-Pest Surveillance & Pest Management (under RKVY) website. The page has a dark blue header with the logo and name of the organization. Below the header is a navigation menu with links: Home, About us, Advisories, Operational Guidelines, Training Manuals, Contact Us, and Login. The main content area is divided into two columns. The left column contains a 'Security Guidelines' section with several bullet points. The right column contains a 'Login' form with the following fields: 'User Name' (containing 'JDA_PP_EPest'), 'Password' (containing '*****'), and 'Enter Captcha' (containing a captcha image and the number '101'). A 'Login' button is located below the captcha field. Annotations with arrows point to these fields and the button, labeled 'Enter User ID', 'Enter Password', 'Enter Captcha', and 'Click to login' respectively. The footer contains a grid of links for 'Explore E-Pest', 'Website Policies', 'Useful Links', 'Online Services', and 'Contact Us', along with copyright information and a 'Last update' field.

- After the initial login, user will be redirected to the ‘Change Password’ page. It’s mandatory to change password for the first time. If the user has already changed password, the above procedure won’t be required.
- For further subsequent logins the new password will be required to access the account and the user will be redirected to the ‘Home’ page.



- In the 'Verification' page, user will view the reference number details by selecting crop category, crop, pest and pest intensity. Each detail show in the modal pop-up.
- On clicking the 'View Crop details', the details entered by VAW can be viewed in a modal pop-up.
- On clicking the 'View Photo & Location details', the details entered by VAW can be viewed in a modal pop-up.
- On clicking the 'View Pest details', the details entered by VAW can be viewed in a modal pop-up.
- User can add own advisory.
- The advisory against the case can be given if and only if the pest is identified. If the advisory is given, the farmer receives the advisory as SMS. If the advisory is not given, then the same is escalated to OUAT for further process.

The screenshot shows the 'Verification' page in the E-Pest system. The page is divided into three main sections: 'Populate Reference No.', 'Reference No. details', and 'Add Advisory'. The 'Populate Reference No.' section contains dropdown menus for 'Crop Category' (Oil Seeds), 'Crop' (Ground Nut), and 'Pest' (Jassids), along with radio buttons for 'Moderate Intensity' and 'High Intensity'. A 'Proceed' button is located below these options. The 'Reference No. details' section is a table with columns for 'Serial No.', 'Reference No.', and three action buttons: 'View Crop Details', 'View Photo & Location Details', and 'View Pest Details'. The 'Add Advisory' section includes radio buttons for 'Yes' and 'No', two text input fields labeled 'Test Moderate Advisory' and 'Test High Advisory', and a 'Submit' button. Character counts are shown below the input fields: '978 characters remaining' for the moderate field and '982 characters remaining' for the high field. A sidebar on the left contains navigation links: Home, Verification, Emergency Case, Advisory Details, Change Password, Unlock Accounts, Reset Passwords, Audit Log, and Reports. The footer text reads 'Designed and developed by National Informatics Centre (NIC), Bhubaneswar, Odisha'.

Callouts:

- Select Crop Category
- Select Crop
- Select Pest
- Click to moderate and high Pest Intensity
- Click to proceed
- Click to view crop details
- Click to view photo & location details
- Click to view pest details
- Click on Yes/No (if want to add your own advisory)
- Type moderate and high advisories
- Click here to submit

- In the 'Emergency Verification' page, user will view the emergency reference number details by selecting crop category, crop, pest and pest intensity. Each detail show in the modal pop-up.
- On clicking the 'View', the crop and photo details entered by farmer in the emergency pest outbreak can be viewed in a modal pop-up.
- The advisory against the emergency case can be given if and only if the pest is identified. If the advisory is given, the farmer receives the emergency short advisory as SMS. If the advisory is not given, then the same is escalated to OUAT for further process.

The screenshot shows the 'Advisory details for Emergency Case' page in the E-Pest system. The page is divided into several sections:

- Emergency Case Form:** Contains dropdown menus for 'Crop Category' (Oil Seeds), 'Crop' (Ground Nut), and 'Pest' (Jassids). A green 'Proceed' button is located below these fields.
- Reference No. details Crop & Photo details:** A table with columns 'Serial No.', 'Reference No.', and 'View Crop & Photo details'. It lists two entries with 'View' buttons.
- Add Advisory Form:** Includes radio buttons for 'Pest Identified?' (Yes/No), a 'Select Pest' dropdown (Termites), and two 'Advisories' dropdowns (Moderate and High). A green 'Submit' button is at the bottom.

Callouts on the right side of the page indicate the following actions:

- Select Crop Category
- Select Crop
- Select Pest
- Click to proceed
- Click to view crop & photo details
- List of Emergency Reference No.
- Is Pest Identified?
- Select Pest
- Select moderate and high advisory
- Click to submit

At the bottom of the page, it states: 'Designed and developed by National Informatics Centre (NIC), Bhubaneswar, Odisha'.

- In the 'Advisory Details' page, the user will enter select crop, enter pest name with respective pesticides name and dose per acre. User can 'Add' multiple pesticides name and dose per crop.

Advisory Details

Enter Advisory Details (Choose Crops, Enter Pests, Pesticides & its units)

Crop: Arhar

Pest's Name: Test Pest Name

Pesticide's Name: Enter Pesticide's Name

Pesticide's Name	Recommended Dose (200 litre per Acre)
Test Pesticide Name 1	Test Dose 1
Test Pesticide Name 2	Test Dose 2
Test Pesticide Name 3	Test Dose 3

Submit

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- Select Crop
- Enter Pest Name
- Enter pesticides dose per acre
- Enter Pesticides Name
- Click to add pesticides name and dose
- Click to submit
- Remove pesticides name and dose

- In the 'Unlock Account' page, the user will unblock the user account, those users enter wrong user id and password more than 5 times at the time of login.

Unlock Accounts

Locked Accounts for VAWs

Serial No.	User ID	Action
1	VAW_1	Unlock
2	VAW_2	Unlock

UnlockAll

Locked Accounts for AAOs

Locked Accounts for ADOs

Locked Account for CDAOs

Locked Account for OUAT

- Click to unlock the VAW
- Click to unlock all
- Click to see locked AAO
- Click to see locked ADO
- Click to see locked CDAO
- Click to unlock the OUAT

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- In the 'Audit Log' page, the user will see all the activity of the user.

The screenshot shows the 'Audit Log' page in the E-Pest system. The page title is 'Audit Log Login and other activities history'. Below the title is a search bar and a table with the following columns: Serial No., IP Address, User ID, URL, Device Type, OS, Browser, Date, Action, and At. The table contains five rows of data, all for the user 'ddaangul.dag@nic.in' on '18-04-2019'. The first four rows are login attempts ('/login') from a 'DESKTOP' on 'win32' using various browsers. The fifth row is a registration attempt ('/registerAAOs') from a 'DESKTOP' on 'win32' using the same browsers. A callout box labeled 'Audit Log' points to the table.

Serial No.	IP Address	User ID	URL	Device Type	OS	Browser	Date	Action	At
1	:::1	ddaangul.dag@nic.in	http://localhost:3000/login	DESKTOP	win32	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/73.0.3683.103 Safari/537.36	18-04-2019	/login	LO
2	:::1	ddaangul.dag@nic.in	http://localhost:3000/login	DESKTOP	win32	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/73.0.3683.103 Safari/537.36	18-04-2019	/login	LO
3	:::1	ddaangul.dag@nic.in	http://localhost:3000/login	DESKTOP	win32	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/73.0.3683.103 Safari/537.36	18-04-2019	/login	LO
4	:::1	ddaangul.dag@nic.in	http://localhost:3000/login	DESKTOP	win32	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/73.0.3683.103 Safari/537.36	18-04-2019	/login	LO
5	:::1	ddaangul.dag@nic.in	http://localhost:3000/cdao/registerAAOs	DESKTOP	win32	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/73.0.3683.103 Safari/537.36	18-04-2019	/registerAAOs	INF

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➤ In the 'Reset Password' page, the user can be reset the password of the VAW, AAO, ADO, OUAT.

The screenshot shows the 'Reset Passwords' page in the E-Pest system. The page title is 'Reset Passwords'. Below the title is a sub-header 'Reset User Account Passwords (Enter User ID(s) whose password(s) is to be reset)'. There is a text input field labeled 'User ID' with the placeholder 'Enter User ID'. Below the input field are four buttons: 'VAW_1', 'AAO_3276', 'ADO_1', and 'OUAT_EPest'. A '+' button is located to the right of the input field. A 'Reset' button is located below the buttons. Three callout boxes with arrows point to the input field, the '+' button, and the 'Reset' button, with labels: 'Enter User ID', 'Click to add multiple User ID', and 'Click to reset password'.

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- In the 'Block-wise Advisory SMS' page, the user will enter message in case a pest outbreak occurs in block wise. All the previously entered messages is shown below.

The screenshot shows the 'Block-wise Advisory SMS' page in the E-Pest system. The page is divided into two main sections: a form for entering a new advisory and a table for previously sent advisories.

Block-wise Advisory SMS Form:

- Select District:** A dropdown menu with 'ANUGUL' selected.
- Select Block:** A dropdown menu with 'BANARPAL' selected.
- Text Advisory F:** A text input field for entering the advisory message.
- Submit:** A green button to send the advisory.
- 285 characters remaining:** A label indicating the character count for the advisory.

Previously Block-wise Advisory SMS Table:

Serial No.	District	Block wise Details				
Serial No.	District	Serial No.	Block	Advisory Details		
				Serial No.	Advisory SMS	Sent Date
1	Anugul	1	Anugul	1	Test Advisory A	20-05-2019
				2	Test Advisory B	20-05-2019
		2	Athmalik	1	Test Advisory D	20-05-2019
				2	Test Advisory E	20-05-2019
2	Gajapati	1	Nugada	1	Test Advisory C	20-05-2019

Callouts and annotations:

- Arrows point from the 'Select District' and 'Select Block' dropdowns to boxes labeled 'Select District' and 'Select Block' respectively.
- An arrow points from the 'Text Advisory F' input field to a box labeled 'Enter Advisory'.
- An arrow points from the 'Submit' button to a box labeled 'Click on submit to Send SMS'.
- A large arrow points from the 'Previously sent message' table to a box labeled 'Previously sent message district and block wise. with sent date'.

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