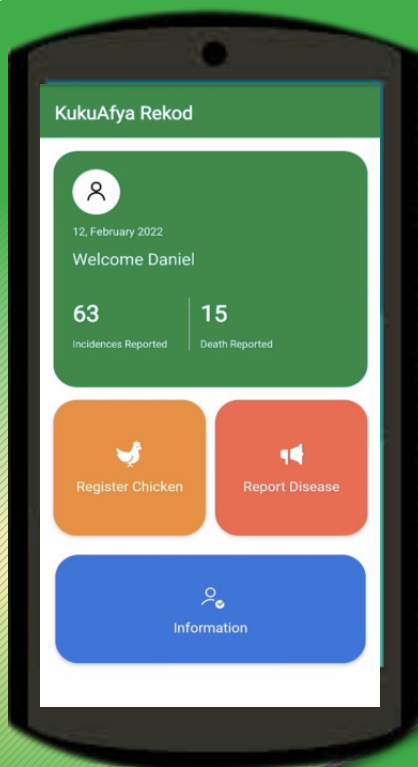# MOBILE-PHONE CHICKEN DISEASE REPORTING
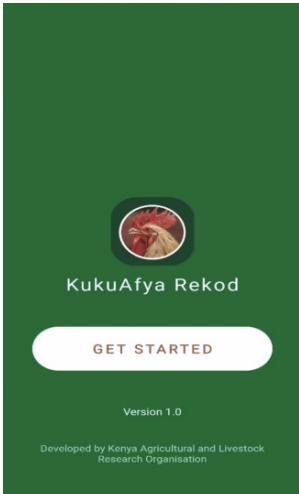
## KukuAfya Mobile application

## Description

This is a downloadable mobile phone application (APP) for real-time reporting of diseases in chicken flocks and hatcheries. The application enables farmers to report illness in chicken to their nearest veterinary provider for advice. The use of the APP helps to arrest major disease outbreaks in chicken, thus preventing huge losses through mortalities.

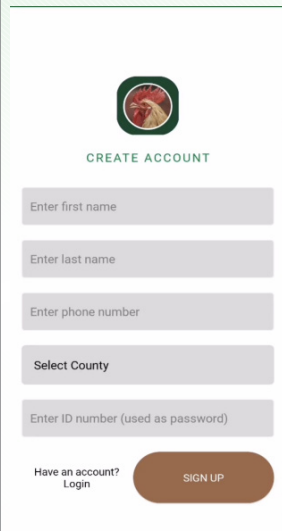## How to access the application?

The application can be downloaded onto a smart phone or Android phone from the KALRO website by the user.

## How to use the application?

Once the application is downloaded, registration and disease reporting is done through application prompts run online by internet bundles.

| Steps | | Instruction |
|---|---|---|
| **Get started** |  KukuAfya Rekod  GET STARTED  Version 1.0  Developed by Kenya Agricultural and Livestock Research Organisation | This is the first page of the APP, <br><br> Click on Get Started |

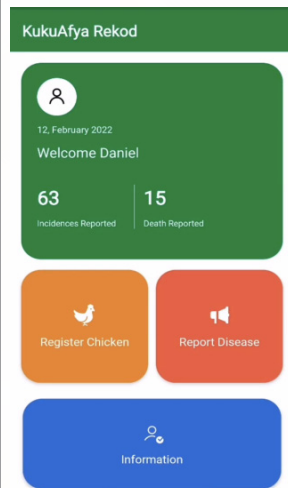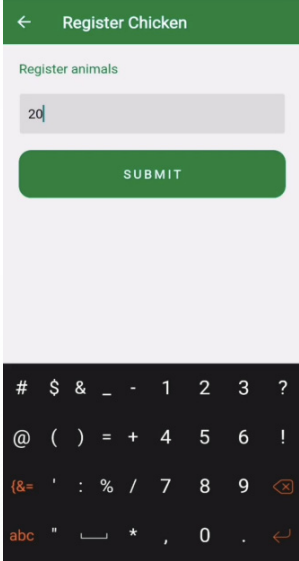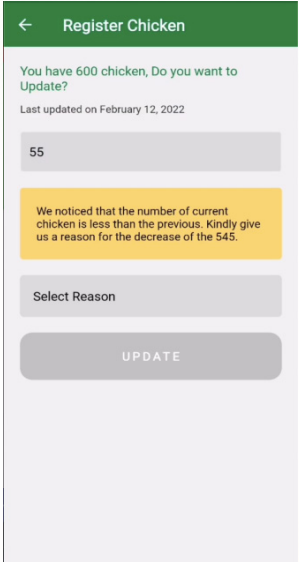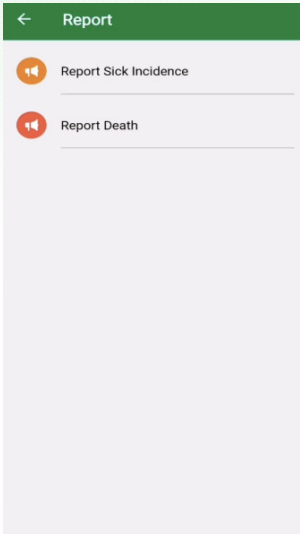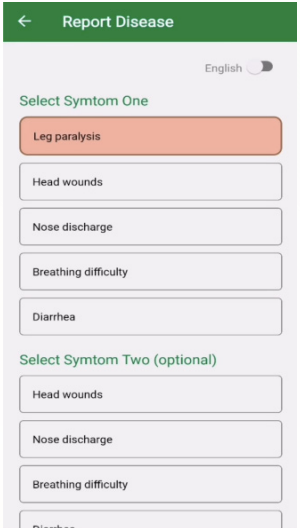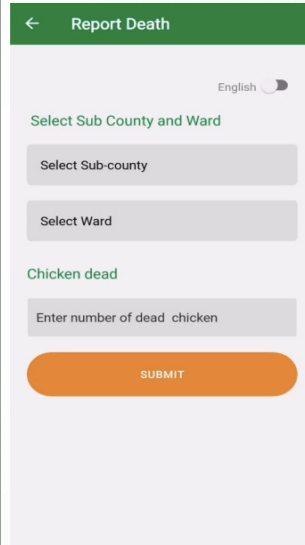| | | |
|---|---|---|
| **Create account (New user)** | CREATE ACCOUNT<br><br>Enter first name<br><br>Enter last name<br><br>Enter phone number<br><br>Select County<br><br>Enter ID number (used as password)<br><br>Have an account? Login    SIGN UP | Enter your first name, last name, phone number, county and ID number then click Sign up.<br><br>**NOTE:**<br><br>**Remember the phone number and ID number used in creating the account**<br><br>**The phone number should start with 07**<br><br>After creating an account, you will be asked to log in using your phone number and ID number |
| **Home page** | KukuAfya Rekod<br><br>12, February 2022<br>Welcome Daniel<br><br>63 — Incidences Reported    15 — Death Reported<br><br>Register Chicken    Report Disease<br><br>Information | This is the first page you see after you log in<br><br>1.  **Register chicken menu**: - Here you can register your chicken<br><br>2.  **Report disease**: - Report either sick incidences or death of chicken<br><br>3.  **Information:** - View profile, your reports, About the app and also logout |

| | | |
|---|---|---|
| **Register chicken** |  | Enter the number of all chicken you have on your farm and click submit |
| **Update chicken** |  | Update the current chicken you have<br><br>If the number of the current chicken is below the previous one, you are asked to give a reason why you have fewer chicken<br><br>Afterwards, prompt to give a reason, update your chicken |

| | | |
|---|---|---|
| **Report sick chicken or dead chicken** | ← Report<br><br>📢 Report Sick Incidence<br><br>📢 Report Death | Click on Report sick incidence if you are reporting sick chicken<br><br>Click on Report Death if you are reporting the death of chicken |
| **Report sick incidence** | ← Report Disease<br><br>English ⬤<br><br>Select Symtom One<br><br>Leg paralysis<br><br>Head wounds<br><br>Nose discharge<br><br>Breathing difficulty<br><br>Diarrhea<br><br>Select Symtom Two (optional)<br><br>Head wounds<br><br>Nose discharge<br><br>Breathing difficulty<br><br>Diarrhea | **How to report sick incidence**<br><br>1. Select Symptom one for example (Leg paralysis)<br>2. Select symptom two (optional)<br>3. Select sub county<br>4. Select ward you are reporting from<br>5. Enter the number of chicken infected<br>6. Click on submit<br>7. Confirm<br>8. Then click OK<br><br>You will receive an SMS |

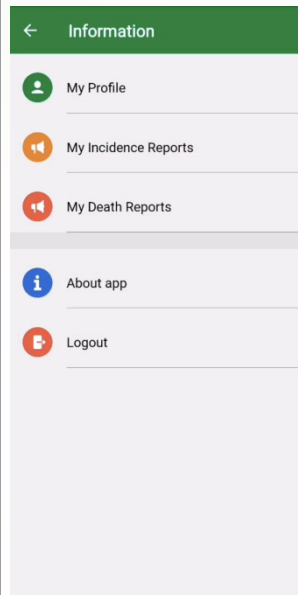| | | |
|---|---|---|
| **Report death** |  | How to report death<br>1. Select Sub County<br>2. Select ward you are reporting<br>3. Enter the number of chicken dead<br>4. Click on submit<br>5. Confirm<br>6. Then click OK<br><br>You will receive an SMS |
| **Information** |  | **My Profile** -View your profile<br><br>**My incidence reports** – View all incidence reports you made<br><br>**My death reports** – View all death reports you made<br><br>**About the app** – View information on the application<br><br>**Logout**- logout of the application |

### When should you use the application?

The application should be used in reporting disease outbreaks whenever you see the first indication of illness in chicken for early management to prevent a flare-up or outbreak of the disease.

### Where can it used?

The disease reporting application can be used anywhere in Kenya, where chicken are kept and where there is good mobile phone connectivity.

### How much does it cost?

The basic cost required to use the tool is a minimum of KES 20 being the cost for purchasing internet bundles to enable disease reporting using the App.

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*Design and layout by Emma. Nyaola*