

KERALA STATE AGENCY FOR THE EXPANSION OF CASHEW CULTIVATION (KSACC)

GOVERNMENT OF KERALA



USER MANUAL

KELTRON®

A Government of Kerala Undertaking
Kerala State Electronics Development Corporation Limited

KELTRON, GiS - IT Business Group

Table of Contents

1. Introduction	3
2. Registration and Login	04
2.1 Register	04
2.2 Login	05
3. Dashboard	06
4. Ente Krishiyidangal	07
4.1 New Land	07
4.2 Land List	08
5. Online Application	09
5.1 Online Application List	09
5.2 New Application	10
6. Cashew Calendar	11
7. Cashew Calculator	12
8. Cashew Doctor Tool	13
9. Success Stories	14
10. Events	16
11. Queries & Complaints	17
12. Profile	18
13. Cultivation Progress	19
13.1 Applications List	20
13.2 Cultivation Progress List	21
13.3 Cultivation Progress Form	22
14. Frequently Asked Questions (FAQ)	23
15. Logout	24
16. Conclusion	25

1. Introduction

The KSACC mobile app, developed by the Kerala State Agency for the Expansion of Cashew Cultivation (KSACC), is a comprehensive and farmer-centric digital platform designed to support and empower cashew farmers across the state. The application provides seamless access to a wide range of government services, real-time updates, and practical tools related to cashew cultivation, all in one place.

Fully developed in Malayalam for ease of use, the app ensures that farmers can comfortably navigate and utilize its features without language barriers. It incorporates major functionalities from the KSACC website and web application, bringing essential services directly to farmers' mobile devices for greater convenience and accessibility.

The initiative also focuses on empowering cashew farmers by introducing India's first GIS-based digital governance system in the cashew sector. This system enables precise land mapping, geotagging, and data-driven decision-making, thereby improving transparency, monitoring, and the efficient implementation of schemes.

Through this user-friendly platform, farmers can register and geotag their land, submit applications for various schemes and services, and easily track their application status. The app also enables users to record and update their cultivation progress, ensuring improved monitoring, accountability, and transparency.

In addition, the KSACC mobile app is designed to help farmers quickly access important cashew-related information, guidance, and tools, supporting better planning and informed decision-making. By integrating advanced technology with agriculture and simplifying key processes, the application enhances efficiency, reduces manual effort, and contributes to improved productivity and sustainable growth of the cashew cultivation ecosystem across the state.

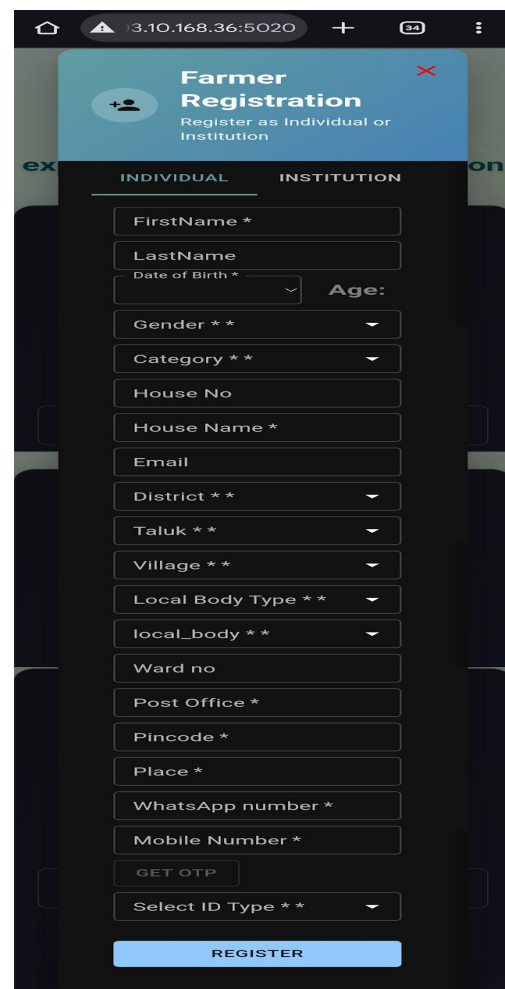
2. Registration and Login

2.1 Register

To begin using the services, users must first download the KSACC mobile application from the Google Play Store and install it on the device.

After installing and opening the application, users can complete their registration by selecting the **Register** option available on the login screen. This will redirect them to the web-based registration page, where they can enter the required details such as their mobile number and other basic information.

Once the registration process is successfully completed, users can log in to the app using their registered mobile phone number and start accessing the various features and services offered through the KSACC mobile application.

The image shows the "Farmer Registration" form in the mobile application. The form is titled "Farmer Registration" with a subtitle "Register as Individual or Institution". It has two tabs: "INDIVIDUAL" and "INSTITUTION". The form contains various input fields: "FirstName *", "LastName", "Date of Birth *" (with a dropdown arrow), "Age:" (with a dropdown arrow), "Gender **" (with a dropdown arrow), "Category **" (with a dropdown arrow), "House No", "House Name *", "Email", "District **" (with a dropdown arrow), "Taluk **" (with a dropdown arrow), "Village **" (with a dropdown arrow), "Local Body Type **" (with a dropdown arrow), "local_body **" (with a dropdown arrow), "Ward no", "Post Office *", "Pincode *", "Place *", "WhatsApp number *", "Mobile Number *", "GET OTP" (button), "Select ID Type **" (with a dropdown arrow), and a blue "REGISTER" button at the bottom.

2.2 Login

After completing the registration process, users will be automatically redirected back to the login screen of the application.

To log in, users need to enter their registered mobile number in the provided field. Once submitted, an OTP (One-Time Password) will be sent to the registered mobile number for verification. Users must enter the received OTP correctly and tap on the submit/login button to proceed.

Upon successful OTP verification, users will be securely logged in to the application and redirected to the dashboard.

The image shows a mobile application login screen for KSACC. The background features a man in a white turban and a plaid shirt, smiling and holding a mobile phone to his ear. The KSACC logo, consisting of a green leaf icon and the text 'KSACC' in bold green letters, is centered. Below the logo, the tagline 'Seed To Success' is written in a smaller green font. The Malayalam text 'ലോഗിൻ ചെയ്യാൻ നിങ്ങളുടെ രജിസ്റ്റർ ചെയ്ത ഫോൺ നമ്പർ നൽകുക' (Enter your registered mobile number to log in) is displayed. A text input field labeled 'ഫോൺ നമ്പർ' (Mobile Number) contains the number '+91' followed by a green rectangular box. Below this is a green button with the text 'OTP വീണ്ടും അയയ്ക്കുക' (Resend OTP). A numeric keypad with six buttons (3, 4, 5, 3, 3, 2) is shown, followed by a green 'Submit OTP' button.

3. Dashboard

After a successful login, users are directed to the dashboard of the KSACC mobile application, which serves as the central hub for all app functionalities. The dashboard is designed with a clean, intuitive, and user-friendly interface, allowing farmers to easily navigate and access various services without difficulty.

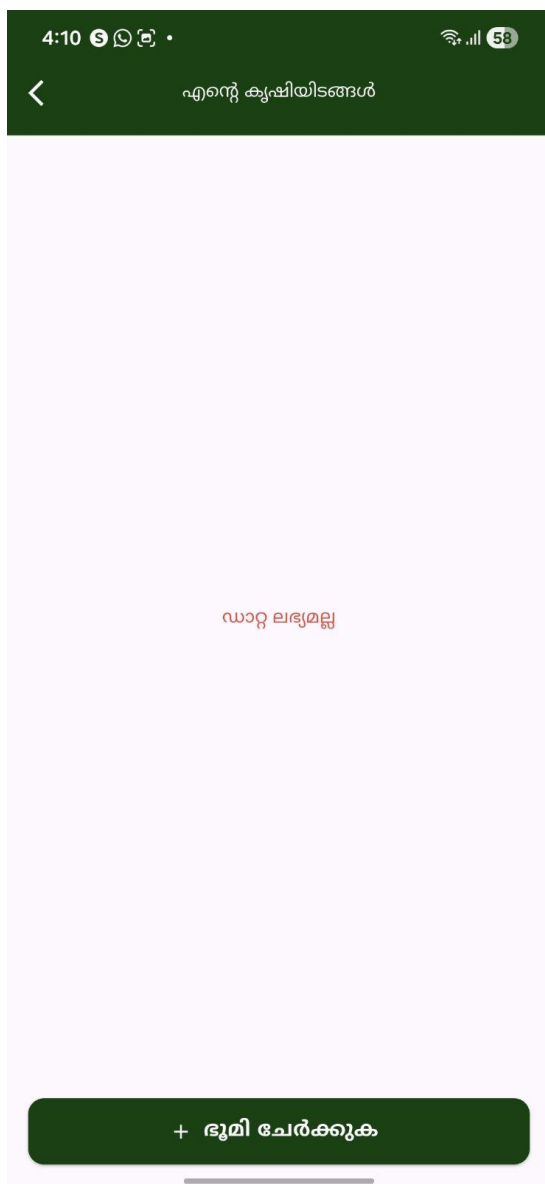
It presents all major features as visually distinct icons or modules, enabling quick access to key sections such as land management (Ente Krishiyidangal), online applications, cashew calendar, calculator, doctor tool, events, success stories, and queries & complaints. Each feature is clearly labeled (in Malayalam) to ensure ease of understanding and usability for all users.



4. Ente Krishiyidangal

4.1 New Land

When selecting Ente Krishiyidangal, the application displays the list of lands added by the farmer. If no land has been added yet, users can select the *Add* option to register a new land. By choosing *Add Land*, a new land entry form will be opened. Users can enter the required details, capture the land image, and submit the form to add their land information. While capturing the land image, the geotagged location will be captured automatically.



ഭൂമിയുടെ ഉടമസ്ഥാവകാശം
Institution

സാമ്പത്തിക വർഷം
2000

ജില്ല
Thiruvananthapuram

താലൂക്ക്
Nedumangad

വില്ലേജ്
Manikkal

തദ്ദേശസ്വയംഭരണ തരം
Grama Panchayat

തദ്ദേശസ്ഥാപനത്തിന്റെ പേര്
Manikkal

സർവ്വേ നമ്പർ
12/7891

വാർഡ്
8

യൂണിറ്റ്
hectare

വിസ്തീർണ്ണം
0.522

പരിവർത്തിത വിസ്തീർണ്ണം (ഹെക്ടറിൽ)
0.522

നികുതി രസീത്
dd7c693b-be65-46c1-9731-c375fe03...

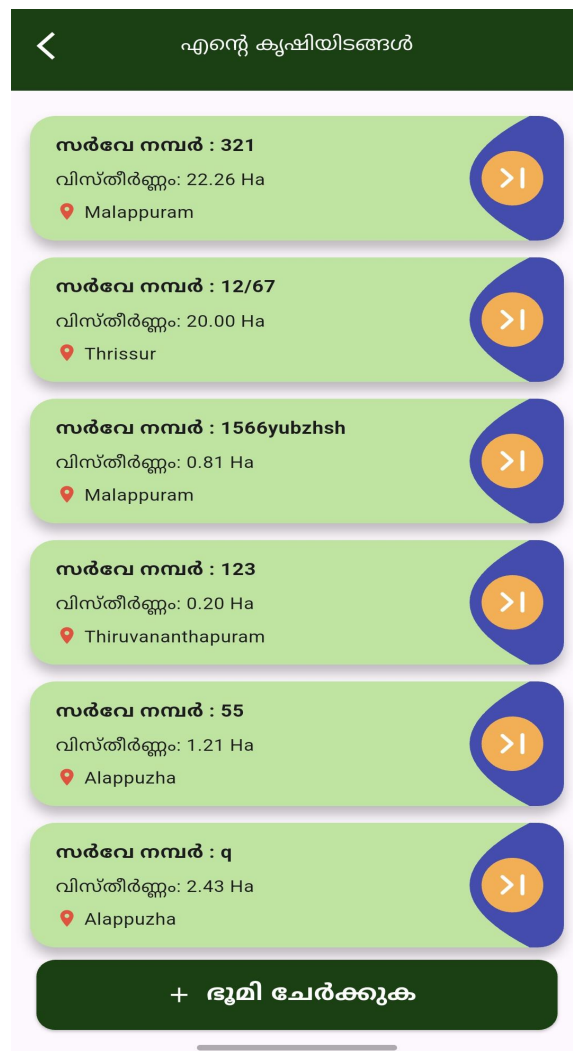
Lat & Long: 8.510402, 76.962371

ഫോട്ടോ എടുക്കാൻ ഇവിടെ ക്ലിക്ക് ചെയ്യുക
താങ്കളുടെ ലൊക്കേഷൻ സംബന്ധമായ വിവരങ്ങൾ സ്വയമേ ശേഖരിക്കപ്പെടുന്നതായിരിക്കും.

അപ്ലോഡ്

4.2 Lands list

The Land List section displays all the lands that have been added by the user. Upon selecting a specific land from the list, the application presents the complete details associated with that land. The user is permitted to update only the land image, and during this process, the application captures and updates the current geotagged location along with the image. All other land details remain non-editable.



5. Online Application

5.1 New Application

To submit a new application, users can choose the appropriate *Local Body*. Based on the selected local body, the registered lands will be listed. Users can then select the relevant land and proceed to fill out the application form.

Enter all necessary information, upload the required documents, and submit the application successfully.

The screenshot shows the 'അപേക്ഷാ ഫോം' (Application Form) screen. At the top, there is a header bar with a back arrow and the title 'അപേക്ഷാ ഫോം'. Below this, the 'ലോക്കൽ ബോഡി' (Local Body) is selected as 'Manickal'. Under 'ഭൂമിപ്പട്ടിക' (Land List), a table shows the selected land: 'Manikkal Thiruvananthapuram' with a value of '0.522'. The 'സ്കീം തിരഞ്ഞെടുക്കുക' (Select Scheme) dropdown is set to 'Normal Density Planting'. The 'വസ്തു സ്വന്തം പേരിൽ ആണോ?' (Is it in the name of the owner?) question is answered 'അല്ല' (No). A note about uploading a circular is present. At the bottom, there is a section for 'റേഷൻ കാർഡ് വിവരങ്ങൾ നൽകുക' (Provide Ration Card Details).

The screenshot shows the continuation of the application form. The 'ആവശ്യപ്പെടുന്ന കശുമാവിൻ തൈകളുടെ എണ്ണം' (Number of saplings required) is entered as '20'. The question 'കെ.എസ്.എ.സി.സി യിൽ നിന്നും മുൻപ് തൈകൾ ലഭിച്ചിട്ടുണ്ടോ?' (Have you received saplings from K.S.A.S.S.I before?) is answered 'ഉണ്ട്' (Yes). The 'വർഷം' (Year) is entered as '2010'. The 'ലഭിച്ച തൈകളുടെ എണ്ണം?' (Number of saplings received?) is entered as '20'. The 'തൈകളുടെ നിലവിലെ സ്ഥിതി' (Current status of saplings) is entered as 'good'. At the bottom, there is a green button labeled 'സമർപ്പിക്കുക' (Submit).

5.2 Online applications list

The Online Applications List section displays all submitted applications along with their current status. By selecting a specific application, the user can view its complete details and download the application if required.

<
അപേക്ഷകൾ

അപേക്ഷ നമ്പർ : 2025/01622 📅 20-12-2025

സ്കീം : Normal Density Planting

ആവശ്യമായ തൈകൾ : 10

Application Submitted

അപേക്ഷ നമ്പർ : 2025/01620 📅 18-12-2025

സ്കീം : Normal Density Planting

ആവശ്യമായ തൈകൾ : 20

Distributed by Field staff

+
പുതിയ അപേക്ഷ

←
↗

അപേക്ഷ വിവരങ്ങൾ

അപേക്ഷ വിവരങ്ങൾ	
അപേക്ഷകന്റെ പേര്	Abhirami Uday
അപേക്ഷ നമ്പർ	2025/01586
തീയതി	2025-11-27 11:51:26
അപേക്ഷ നില	Application Submitted

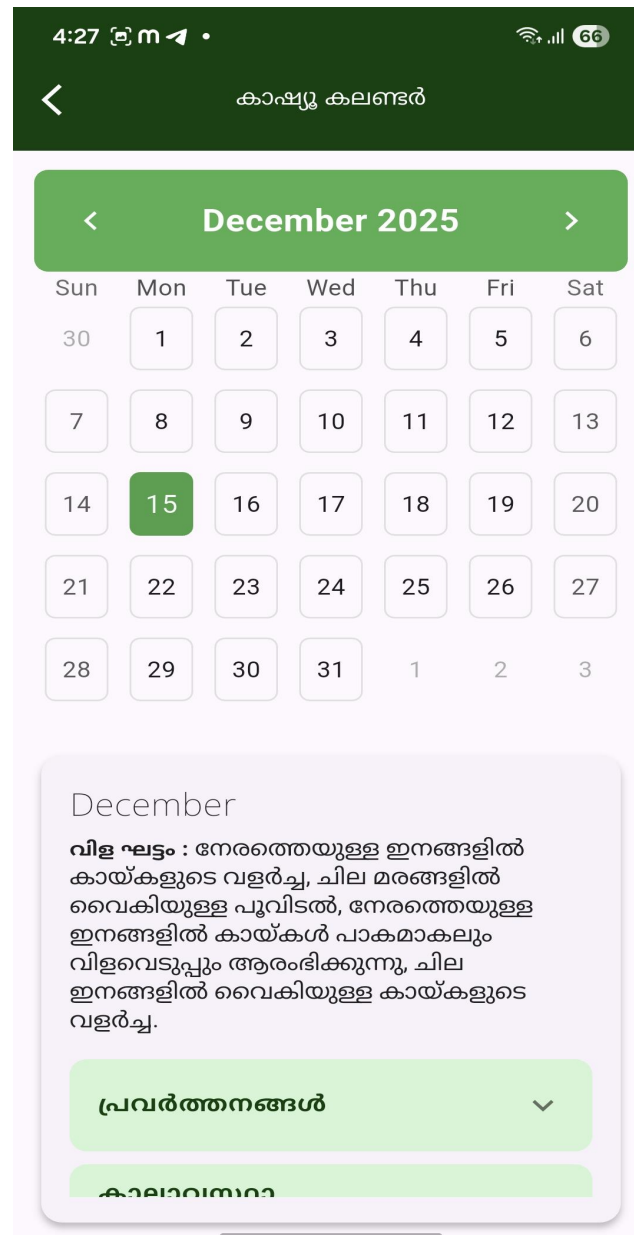
ഭൂമി വിവരങ്ങൾ	
ഭൂമിയുടെ ഉടമസ്ഥത	Institution
ജില്ല	Thrissur
താലൂക്ക്	Chalakkudi
വില്ലേജ്	Elinjipra
ലോക്കൽ ബോഡി	Guruvayoor
വാർഡ്	hh
സർവ്വേ നമ്പർ	bh
ധനകാര്യ വർഷം	1994
വിസ്തീർണ്ണം (ഹെക്ടർ)	10.1172
നികുതി രസീത്	af8c2410-a5ce-476d-9...

ബാങ്ക് വിവരങ്ങൾ	
ബാങ്കിന്റെ പേര്	Kerala Gramin Bank
ബ്രാഞ്ച്	Roadvila, Ayur
അക്കൗണ്ട് നമ്പർ	45807896542
IFSC കോഡ്	KLGB0007890
ബാങ്ക് ഡോക്യുമെന്റ്	749f91d7-8e00-415b-9...
ബാങ്ക് ഡോക്യുമെന്റ്	749f91d7-8e00-415b-9...

ഗ്രാന്റ് വിവരങ്ങൾ	
ആവശ്യമായ തൈകൾ	20
സ്പീഷിം	Normal Density Planting
ഭൂമിയുടെ ഉടമ	അതെ
മുൻപ് തൈകൾ ലഭിച്ചിട്ടുണ്ടോ	ഇല്ല

6. Cashew Calendar

It provides month-wise details of activities related to cashew cultivation. It helps farmers plan and manage their farming operations effectively by offering timely guidance throughout the year.



7. Cashew Calculator

The Cashew Calculator assists farmers in estimating important cultivation details based on parameters such as plant height and spacing distance. The module is organized into three tabs, namely Height, Distance, and Calculator, each designed to handle specific input parameters related to cashew cultivation. Users can select the appropriate year and scheme, and submit respective tabs. Upon submission, the application processes the inputs and displays the calculated results along with relevant cultivation information for the user.

4:45

കാഷ്യൂ കാൽക്കുലേറ്റർ

ഉയരം

അകലം

കാൽക്കുലേറ്റർ

മരത്തിന്റെ ഉയരം

വർഷം

ഒന്നാം വർഷം

സ്കീം

അതിസാന്ദ്രത 5 മീറ്റർ X 5 മീറ്റർ നീളം അകലം

കശുമാവിന്റെ സാധാരണ ഉയരം ഏകദേശം 1 മീറ്റർ ആയിരിക്കും

പുനഃക്രമീകരിക്കുക

4:45

കാഷ്യൂ കാൽക്കുലേറ്റർ

ഉയരം

അകലം

കാൽക്കുലേറ്റർ

മരത്തിന്റെ അകലം

രൂപവേഗം

10 cents

സ്കീം

അതീവ സാന്ദ്രത 3 മീറ്റർ X 3 മീറ്റർ നീളം അകലം

സാധാരണയായി നടാവുന്ന കശുമാവ് തൈകളുടെ എണ്ണം 14 ആയിരിക്കും

പുനഃക്രമീകരിക്കുക

4:46

കാഷ്യൂ കാൽക്കുലേറ്റർ

ഉയരം

അകലം

കാൽക്കുലേറ്റർ

വിളവ് കാൽക്കുലേറ്റർ

കായ്ക്കുന്ന സമയം

തുടക്കത്തിൽ വിളവ് നൽകുന്ന ഇനങ്ങൾ

വൈവിധ്യം

അനുകരണം

വർഷം

അഞ്ചാം വർഷം

ഒരു മരത്തിൽ നിന്നുള്ള ശരാശരി വിളവ് 3 - 4 കിലോഗ്രാം

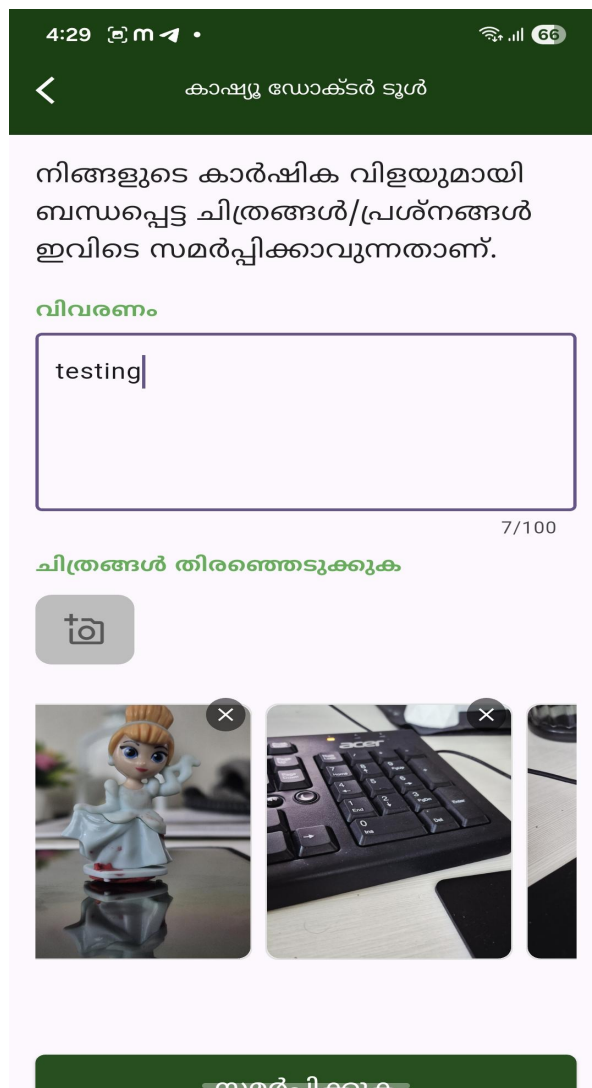
പുനഃക്രമീകരിക്കുക

12

8. Cashew Doctor Tool

The *Cashew Doctor Tool* allows users to report crop issues or symptoms by attaching relevant images. Farmers can submit their queries directly through the application for expert review.

The submitted issues will be reviewed by the administrator, and guidance or recommendations will be provided to the user through WhatsApp.



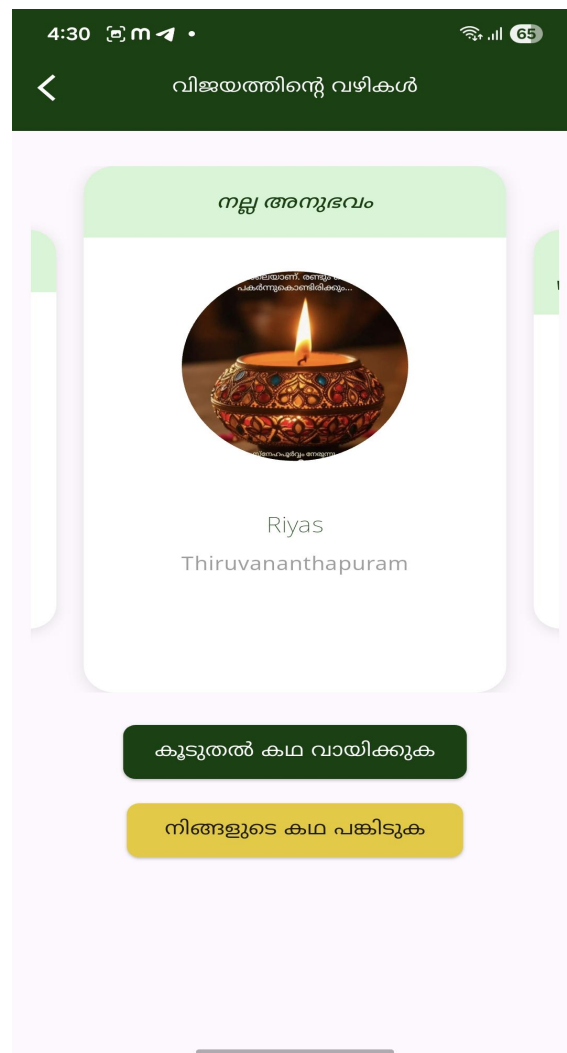
The screenshot displays the 'കാഷ്യൂ ഡോക്ടർ ടൂൾ' (Cashew Doctor Tool) app interface. At the top, the status bar shows the time as 4:29, signal strength, and battery level at 66%. The app header is dark green with a back arrow and the title 'കാഷ്യൂ ഡോക്ടർ ടൂൾ'. The main content area is light pink and contains the following elements:

- A paragraph in Malayalam: 'നിങ്ങളുടെ കാർഷിക വിജയമായി ബന്ധപ്പെട്ട ചിത്രങ്ങൾ/പ്രശ്നങ്ങൾ ഇവിടെ സമർപ്പിക്കാവുന്നതാണ്.' (Your crop success can be related by submitting pictures/problems here.)
- A green label 'വിവരണം' (Description) above a large text input field.
- The text 'testing|' is entered in the input field.
- A character count '7/100' is displayed at the bottom right of the input field.
- A green label 'ചിത്രങ്ങൾ തിരഞ്ഞെടുക്കുക' (Select pictures) above a gallery of images.
- A camera icon button is located above the image gallery.
- The gallery shows three images: a small figurine, a computer keyboard, and a partial view of a desk.
- A green button at the bottom is labeled 'സമർപ്പിക്കുക' (Submit).

9. Success Stories

The *Success Stories* section allows users to share their feedback and experiences. Submitted feedback will be displayed within this section for other users to view.

By selecting *Kooduthal Ariyuka* (Know More), users can view detailed information about a particular story. By selecting *Cherkkuka* (Add), users can upload their photo along with their feedback and share their experience.



10:30
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5G
85

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കർഷക വിജയഗാഥകൾ



Leo the cat was dozing bored on the windowsill when he was suddenly woken from his thoughts by cheerful laughter and excited, lively voices

“Leo! Look who’s here!” shouted his parents and opened the living room door to the hallway. Before Leo knew it, three excited children were standing in front of him. They were his parents’ nephews and nieces and apparently they were staying for the whole weekend.

“Hello, Leo!” Lea called out and gently stroked his head. Meanwhile, her little brother Tim was jumping up and down excitedly. He was holding something in his hands that immediately caught Leo’s attention.

Rakhi


4:31
m
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•
65

<
വിജയത്തിന്റെ വഴികൾ

നല്ല അനുഭവം


Riyas
Thiruvananthapuram

കൂടുതൽ കഥ വായിക്കുക

നിങ്ങളുടെ കഥ പങ്കിടുക

നിങ്ങളുടെ അനുഭവം ഇവിടെ ടൈ...


ഫോട്ടോ അപ്ലോഡ് ചെയ്യുക

സമർപ്പിക്കുക

10. Events

The *Events* module provides official updates on scheduled programmes and activities related to cashew cultivation. Users can view upcoming events and stay informed about important announcements and initiatives.

<

പരിപാടികൾ

<

May 2025

>

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Training

13-05-2025

The Familiarisation Program for the KSACC Online Web Portal and Digitalisation of Graft Distribution Procedure is designed to educate and empower all stakeholders involved in cashew cultivation and graft distribution in Kerala. This initiative marks a major step in KSACC's digital transformation journey, aiming to enhance efficiency, transparency, and accountability in the delivery of services to farmers.

The program provides hands-on training in the use of the KSACC Web Portal, which has been developed to streamline the graft distribution process. Participants will be introduced to the portal's user-friendly interface, learn how to register and manage accounts, and gain practical knowledge on submitting, verifying, and tracking

11. Queries & Complaints

Users can register their queries and complaints through this section. Submitted requests will be reviewed by the administrator, and responses will be provided to users through WhatsApp.

4:32 PM •  65

 അന്വേഷണവും പരാതികളും

കാർഷിക വിളകളുമായി ബന്ധപ്പെട്ട നിങ്ങളുടെ ചോദ്യങ്ങൾ, പരാതികൾ എന്നിവ ഇവിടെ സമർപ്പിക്കാവുന്നതാണ്.

വിഭാഗം *

ചോദ്യം ▼

വിവരണം *

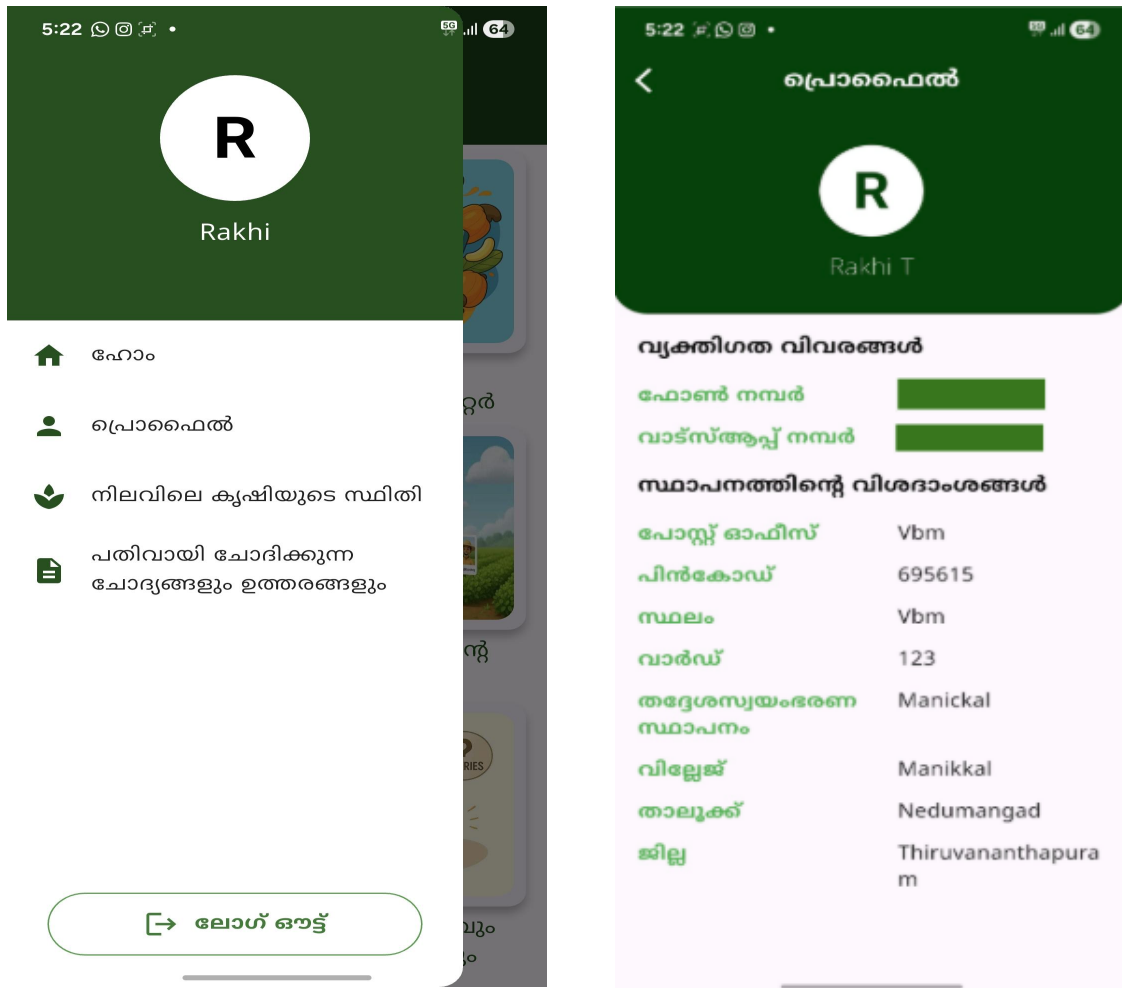
പുതിയ variety എന്തൊക്കെ ആണ്

26/100

സമർപ്പിക്കുക

12. Profile

The *Profile* section displays the user's registered personal details. Users can view and manage their profile information as required.



13. Cultivation Progress

In the Cultivation Progress section, users can select a land from the dropdown list. Based on the selected land, the land details and the applications associated with that land will be displayed.

4:35 ൫൩൩ 64

< നിലവിലെ കൃഷിയുടെ സ്ഥിതി

കൃഷിഭൂമി തിരഞ്ഞെടുക്കുക

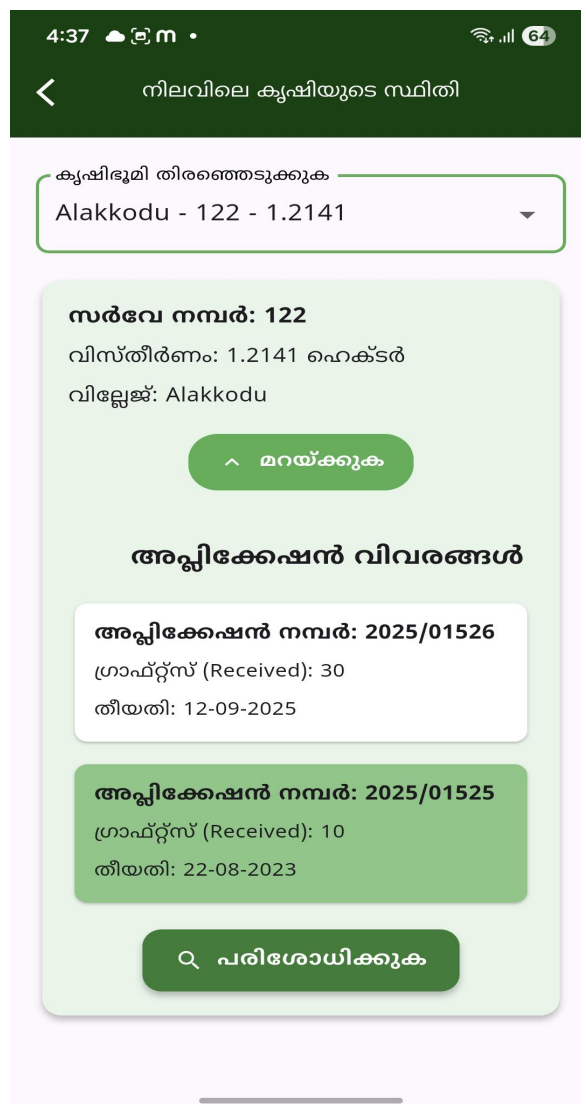
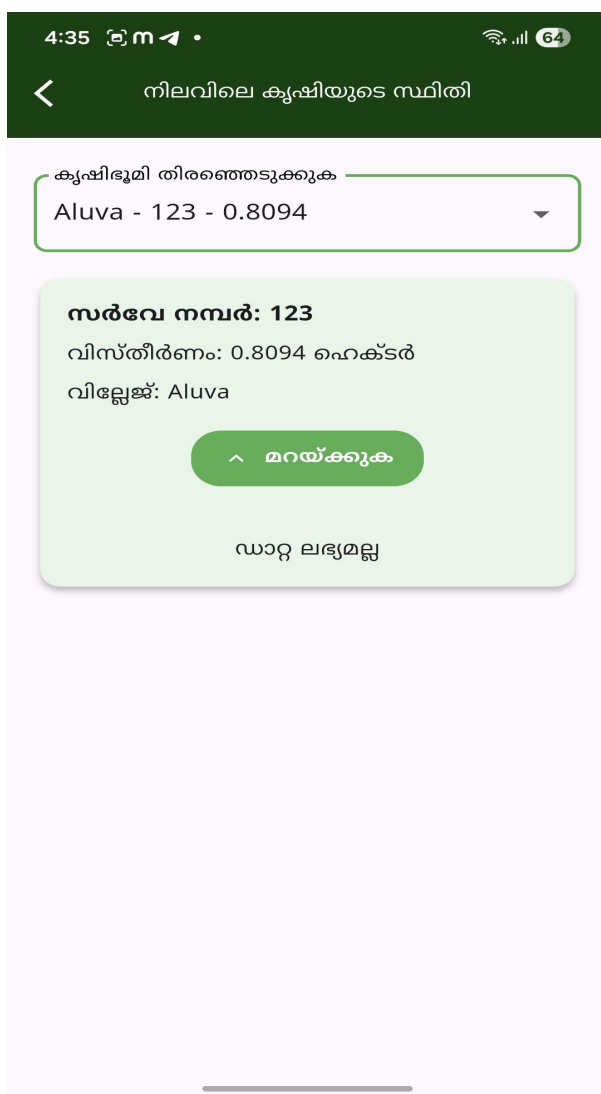
Aluva - 123 - 0.8094

സർവ്വേ നമ്പർ: 123
വിസ്തീർണ്ണം: 0.8094 ഹെക്ടർ
വില്ലേജ്: Aluva

↓ കാണുക

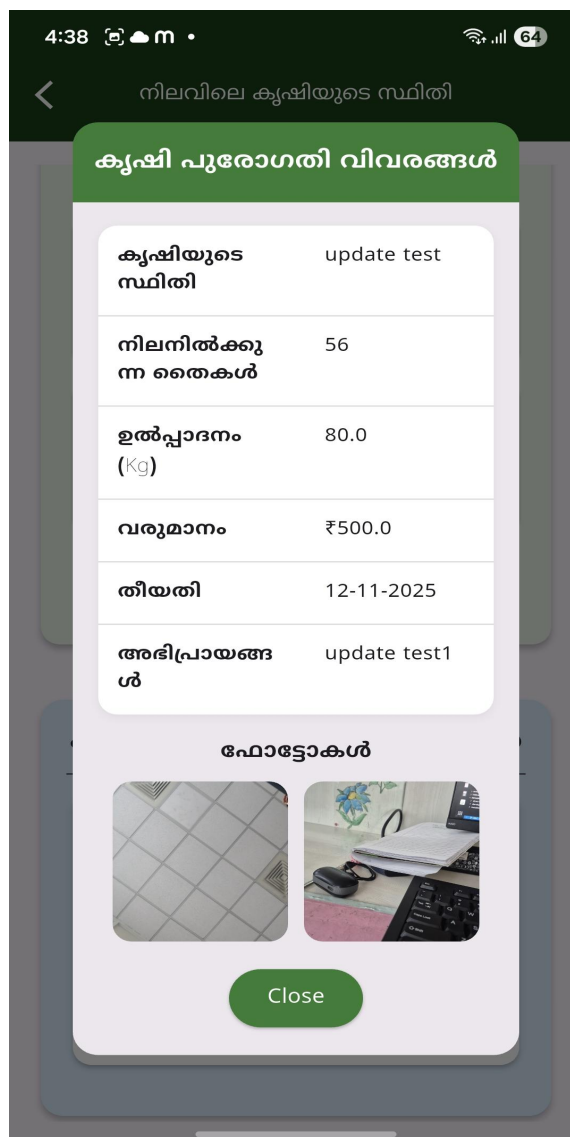
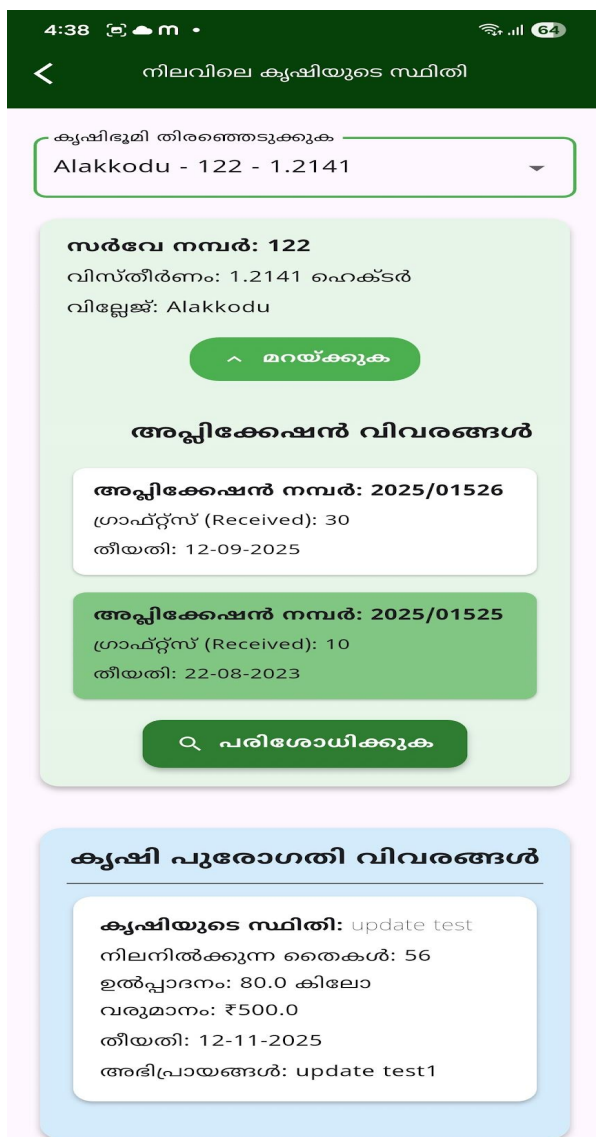
13.1 Application List

If no applications are available for the selected land, a *No Data* message will be shown. Otherwise, the list of applications will be displayed.



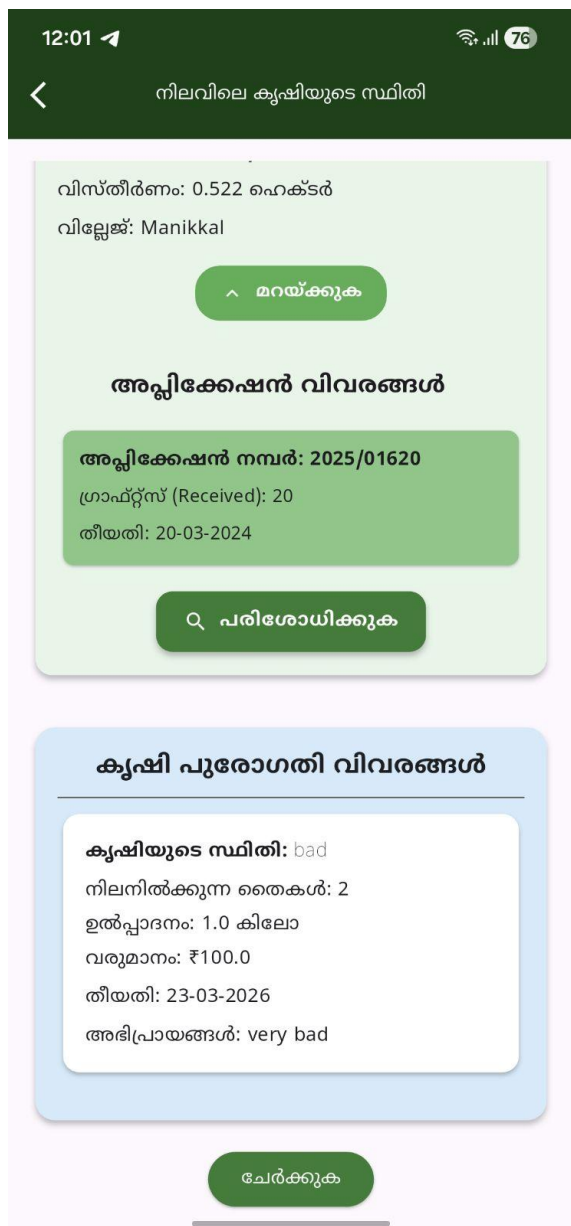
13.2 Cultivation Progress list

Each application includes a *Check* option. By selecting this, users can view the cultivation progress related to that land.

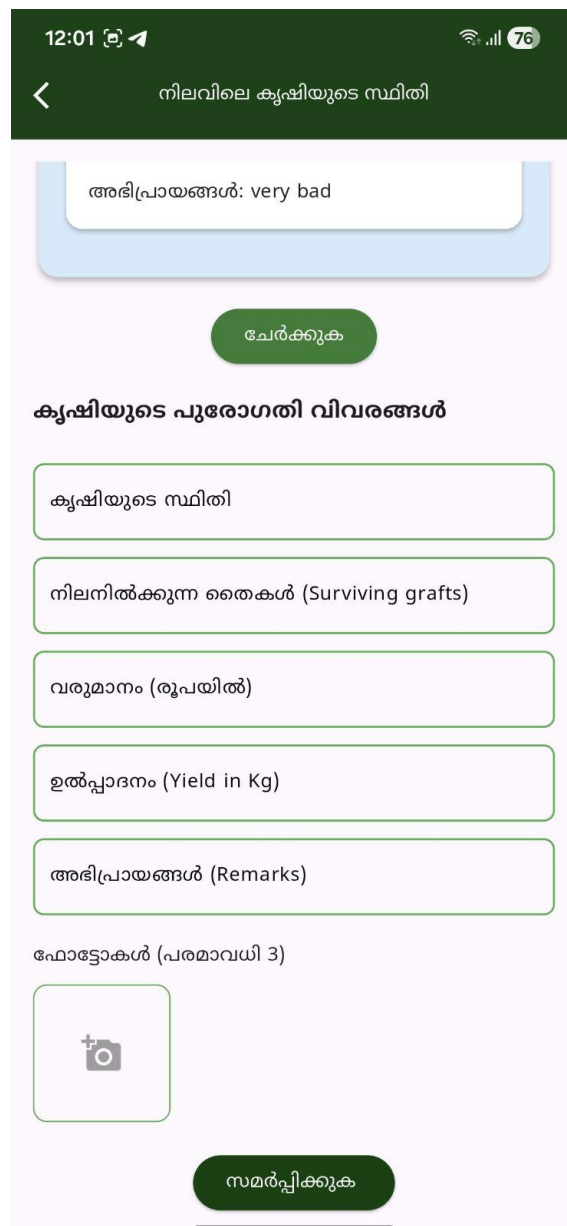


13.3 Cultivation Progress Form

If no cultivation progress has been entered for the selected land and financial year after plant distribution, the system will display an *Add* button. By selecting this option, a form will be displayed to enter cultivation progress details.



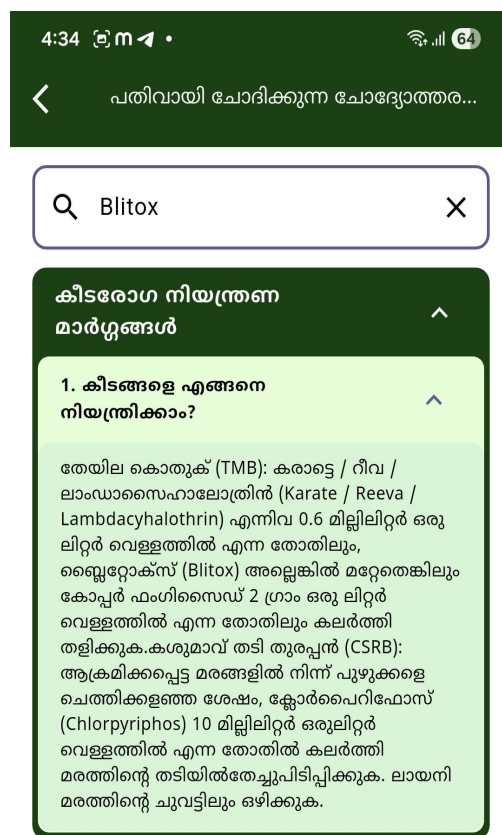
This screenshot shows the initial form for entering cultivation progress. The header bar is dark green with a back arrow, the time 12:01, and a battery icon at 76%. Below the header, the title "നിലവിലെ കൃഷിയുടെ സ്ഥിതി" (Current Cultivation Status) is displayed. The form is divided into two main sections. The top section, titled "അപ്ലിക്കേഷൻ വിവരങ്ങൾ" (Application Details), has a light green background and contains the following information: "വിസ്തീർണ്ണം: 0.522 ഹെക്ടർ" (Area: 0.522 Hectares), "വില്ലേജ്: Manikkal" (Village: Manikkal), a green button with an upward arrow and the text "മറയ്ക്കുക" (Hide), "അപ്ലിക്കേഷൻ നമ്പർ: 2025/01620" (Application Number: 2025/01620), "ഗ്രാഫ്റ്റ്സ് (Received): 20" (Grafts (Received): 20), "തീയതി: 20-03-2024" (Date: 20-03-2024), and a green button with a magnifying glass icon and the text "പരിശോധിക്കുക" (Check). The bottom section, titled "കൃഷി പുരോഗതി വിവരങ്ങൾ" (Cultivation Progress Details), has a light blue background and contains a white box with the following information: "കൃഷിയുടെ സ്ഥിതി: bad" (Cultivation Status: bad), "നിലനിൽക്കുന്ന തൈകൾ: 2" (Surviving grafts: 2), "ഉൽപ്പാദനം: 1.0 കിലോ" (Production: 1.0 kg), "വരുമാനം: ₹100.0" (Income: ₹100.0), "തീയതി: 23-03-2026" (Date: 23-03-2026), and "അഭിപ്രായങ്ങൾ: very bad" (Remarks: very bad). Below this box is a green button with the text "ചേർക്കുക" (Add).



This screenshot shows the form for entering cultivation progress details. The header bar is dark green with a back arrow, the time 12:01, and a battery icon at 76%. Below the header, the title "നിലവിലെ കൃഷിയുടെ സ്ഥിതി" (Current Cultivation Status) is displayed. The form is divided into two main sections. The top section, titled "അഭിപ്രായങ്ങൾ: very bad" (Remarks: very bad), has a light blue background and contains a green button with the text "ചേർക്കുക" (Add). The bottom section, titled "കൃഷിയുടെ പുരോഗതി വിവരങ്ങൾ" (Cultivation Progress Details), has a light purple background and contains several input fields: "കൃഷിയുടെ സ്ഥിതി" (Cultivation Status), "നിലനിൽക്കുന്ന തൈകൾ (Surviving grafts)" (Surviving grafts), "വരുമാനം (രൂപയിൽ)" (Income (in Rupees)), "ഉൽപ്പാദനം (Yield in Kg)" (Production (Yield in Kg)), "അഭിപ്രായങ്ങൾ (Remarks)" (Remarks), and "ഫോട്ടോകൾ (പരമാവധി 3)" (Photos (Maximum 3)). Below the input fields is a green button with a camera icon and the text "സമർപ്പിക്കുക" (Submit).

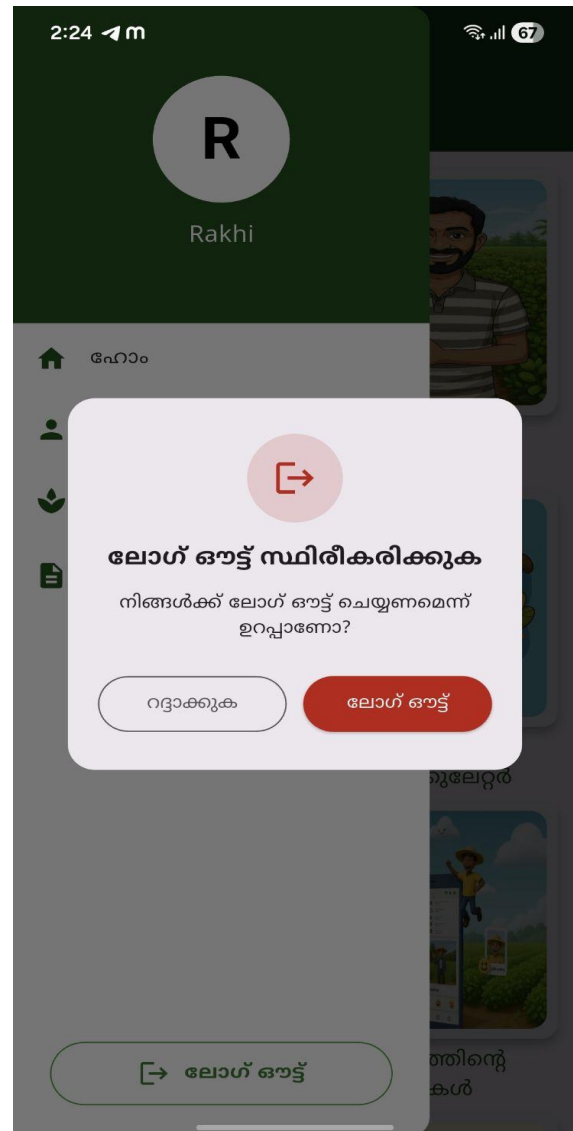
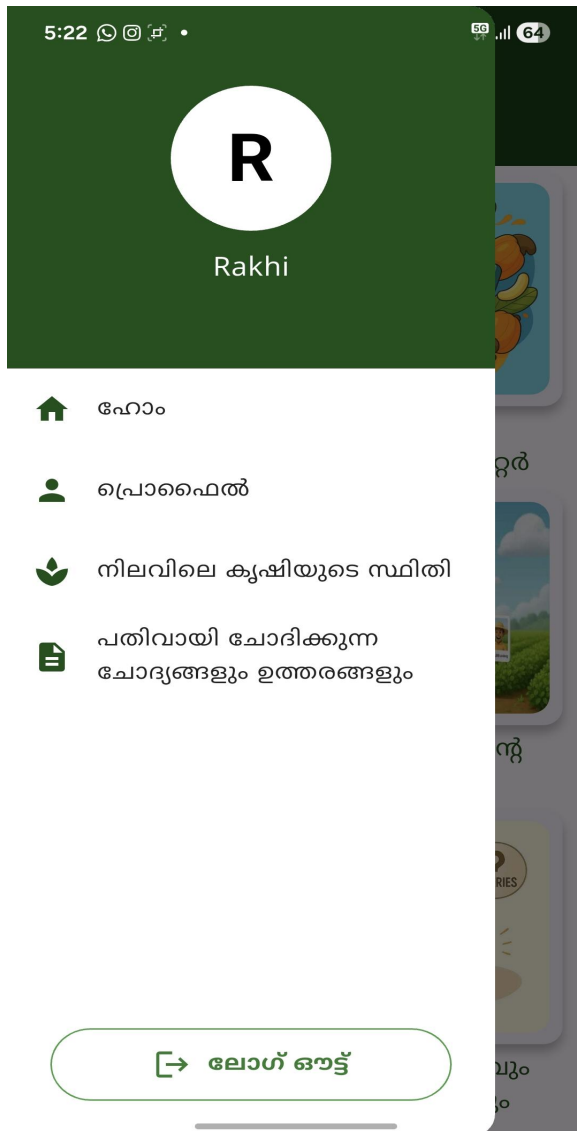
14. Frequently Asked Questions (FAQ)

The *Frequently Asked Questions (FAQ)* section provides quick answers to common user doubts and queries, helping users easily understand and use the application.



15. Logout

The *Logout* option allows users to securely exit from the application.



15. Conclusion

The KSACC mobile application developed by the Kerala State Agency for the Expansion of Cashew Cultivation serves as a powerful and user-friendly digital platform that simplifies and modernizes cashew farming services across Kerala. By integrating key features such as land registration, online applications, cultivation tracking, advisory tools, and real-time updates, the app ensures that farmers can access essential services conveniently from their mobile devices.

With its Malayalam interface, GIS-based technology, and farmer-centric design, the application enhances transparency, efficiency, and accessibility in agricultural governance. It empowers farmers to make informed decisions, reduces manual processes, and strengthens communication between farmers and authorities. Overall, the KSACC mobile app plays a vital role in promoting sustainable cashew cultivation and improving productivity, contributing significantly to the growth and development of the cashew sector in the state.