

C.O.W.S.SM

by NOVUS

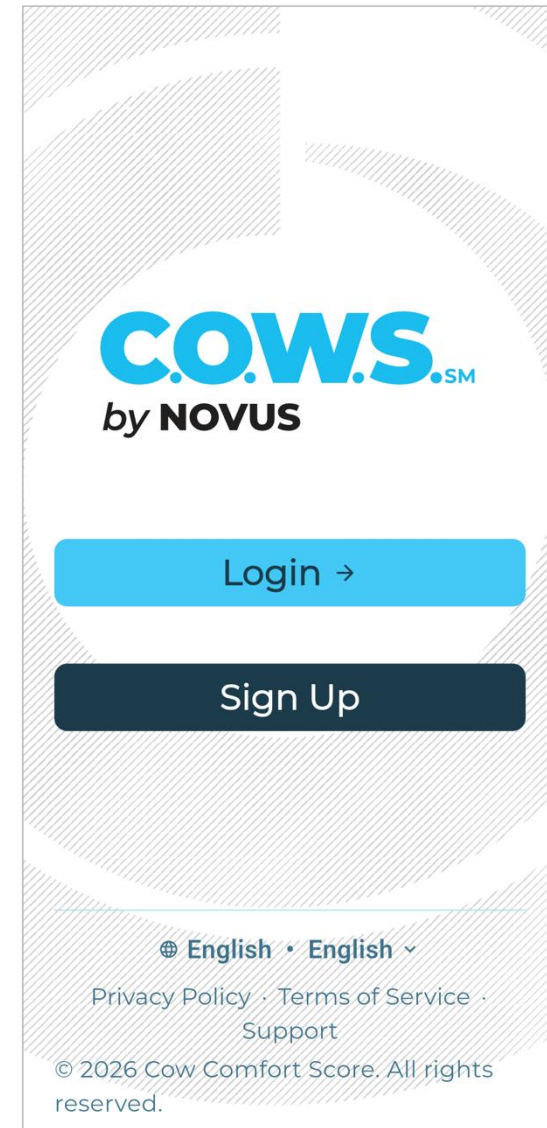
First-Time User Guide

First-Time User Guide

A screen-by-screen guide to help new users understand where to go, what to do, and what happens next.

Start here

Log in if you already have an account, or select Sign Up to create one.



How to use this guide

Follow the sequence from left to right. Each screen shows the action to complete and what happens next.



Farmer guide

Use the first part of this guide for a new Farmer user. Complete setup, register an animal, complete an evaluation and check results.

Admin / Reviewer guide

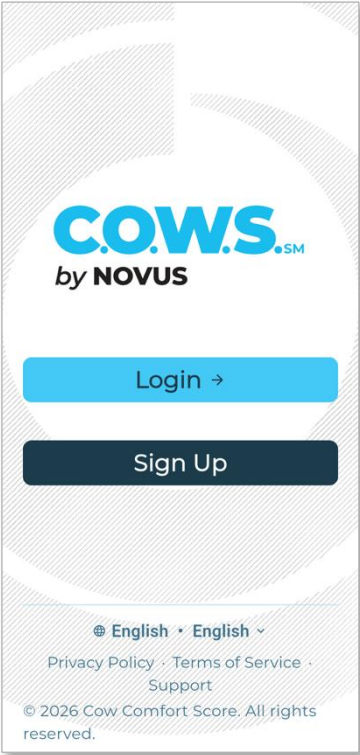
Use the Admin / Reviewer section only for users who manage accounts, review evaluations or complete final actions.

Quick help

Use Quick User Guide, Contact Support or Join WhatsApp Group whenever help is needed.

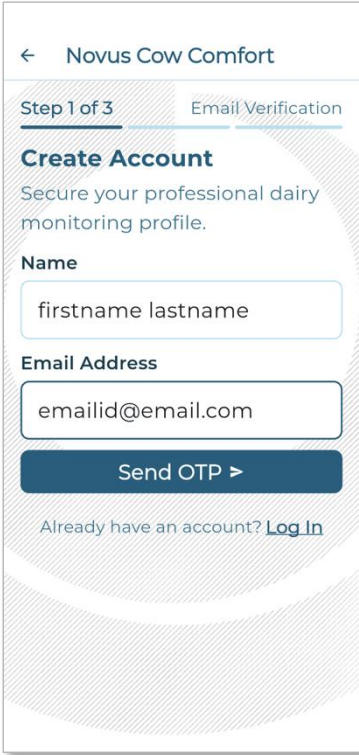
1. Create your account

Start here if you have never used C.O.W.S.



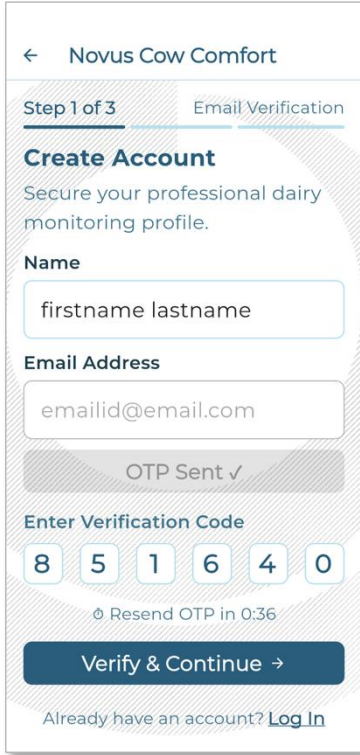
Step 1
Login / Sign Up

Select Sign Up to create a new account.



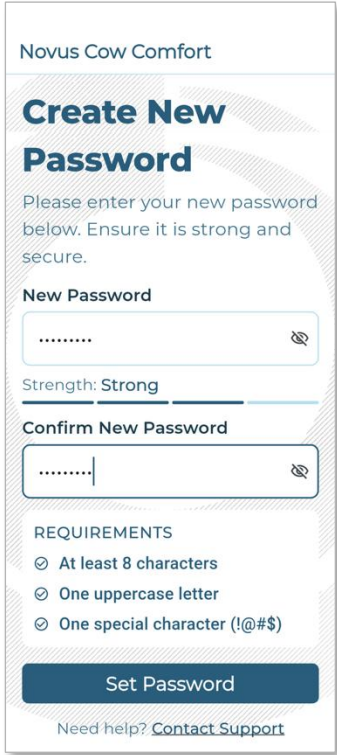
Step 2
Create Account

Enter your name and email address, then send the OTP.



Step 3
Email Verification

Enter the 6-digit OTP sent to your email.



Step 4
Create Password

Create and confirm your secure password.

2. Choose your role and set up the farm

Complete the setup information needed before the dashboard opens.

Novus Cow Comfort

66% Complete

Step 2 of 3

Tell us who you are

Select your professional role to personalize your experience and view relevant metrics.

Farmer

Feed Mill

Milk Procurement Companies

Channel Partner

Consultant

Novus

Continue →

Step 5
Select Role

Choose Farmer or the role assigned to you.

Novus Cow Comfort

STEP 1 OF 3

33% Complete

Farm Registration

Tell us about your core operation to begin.

Farm Name

farm name

Address

farm address

State

Andhra Pradesh

District

Alluri Sitharama Raju

Continue to Facilities →

Step 6
Farm Registration

Enter farm name, address, state and district.

Novus Cow Comfort

STEP 2 OF 3

66% Complete

Housing & Infrastructure

Update your livestock management preferences.

Housing Type

Free housing

Tied up

Mixed housing

Stalls

Yes

No

Mixed

Type of Stall Surface

Deep other

Continue →

Step 7
Housing & Infrastructure

Enter housing type, stalls and stall-surface information.

Novus Cow Comfort

STEP 3 OF 3

100% Complete

Milking Operations

Review and finalize your farm's milking configurations.

Milking Type

Hand milking

Milking Frequency (Daily)

NA

1

2

3

More than 3

Number of Milking Animals

2

☒

I hereby declare that all information provided is accurate and representative of my farm operations.

Review Registration →

Step 8
Milking Operations

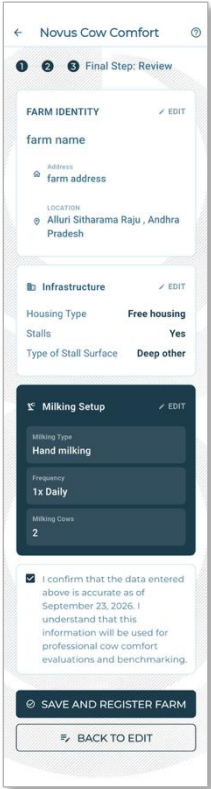
Enter milking method, frequency and number of milking animals.

NOVUS

4

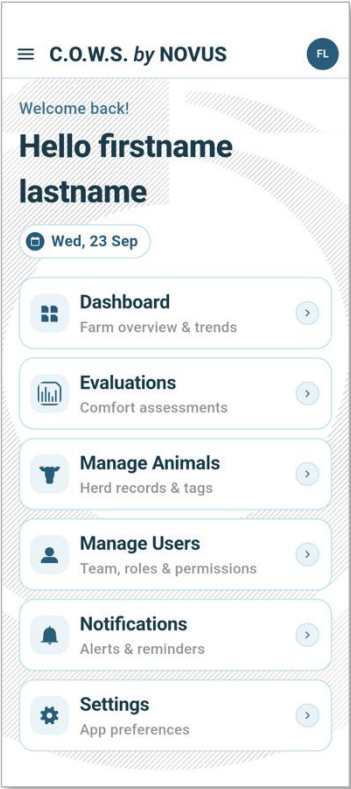
3. Review setup and enter the app

Finish registration and edits can e done by clicking right top on the screen,.



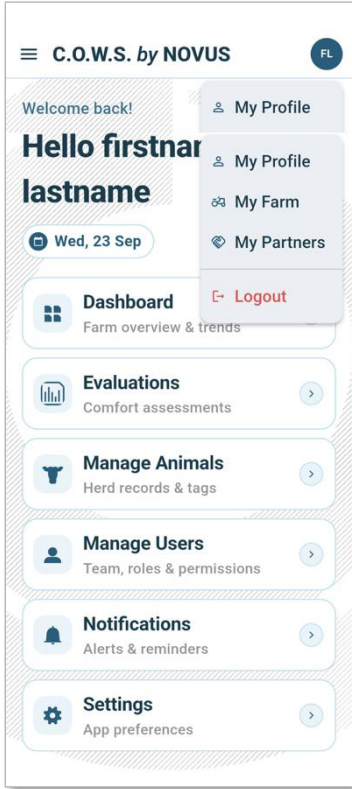
Step 9
Review Registration

Check the information before saving your farm setup.



Step 10
Dashboard

Use the dashboard to open evaluations, animals, users, notifications or settings.

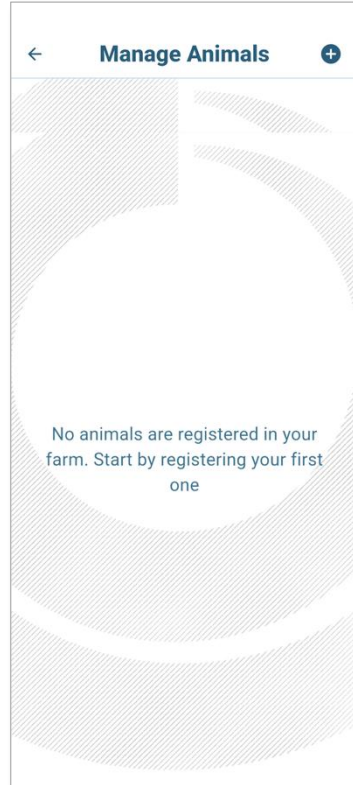


Step 11
Navigation Menu

Open the menu to access profile, farm, partners or logout.

4. Add the animal

Register at least one animal before starting an evaluation.



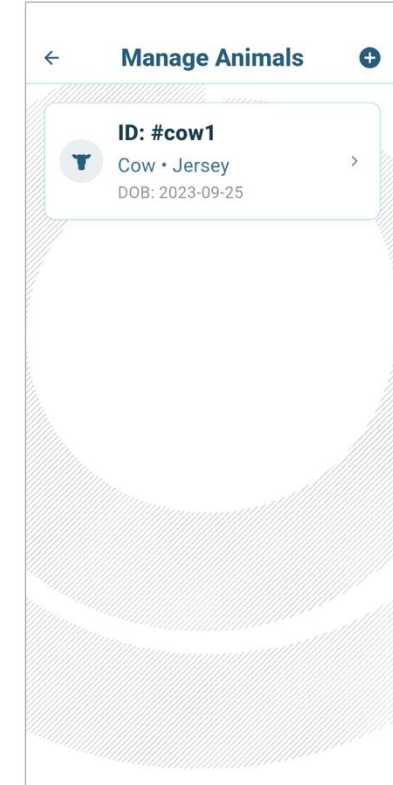
Step 12
Manage Animals

If no animals are registered, tap the plus icon to add the first animal.

A screenshot of a mobile app interface titled "Add Animal". At the top, there is a back arrow. The form contains the following fields: "Cow ID" with a text input containing "e.g. 9012"; "Species" with two buttons, "Cow" (selected) and "Buffalo"; "Breed" with a dropdown menu showing "Select Breed"; "Date of Birth" with a date picker showing "Select Date"; and "Category (Auto-calculated)" with a button labeled "Adult". At the bottom, there are two buttons: "Cancel" and "Save Animal".

Step 13
Add Animal

Enter cow ID, species, breed and date of birth, then save.

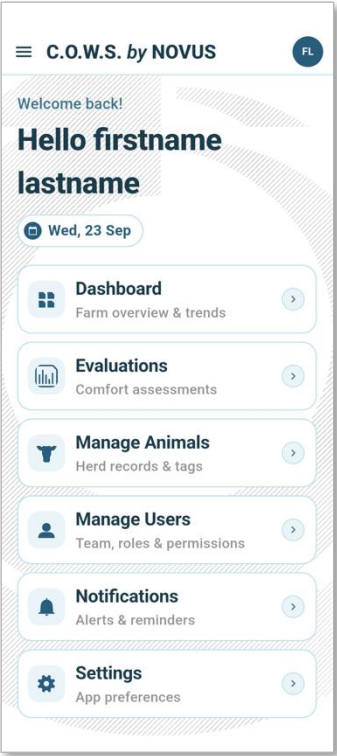


Step 14
Animal Record

After saving, the registered animal appears in Manage Animals.

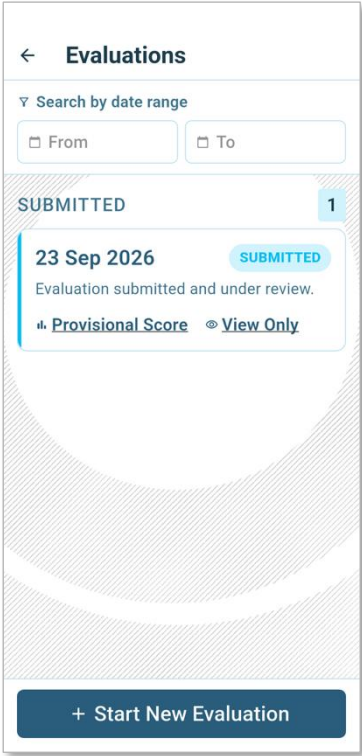
5. Start a new evaluation

Use the evaluation path to select the animal and begin scoring.



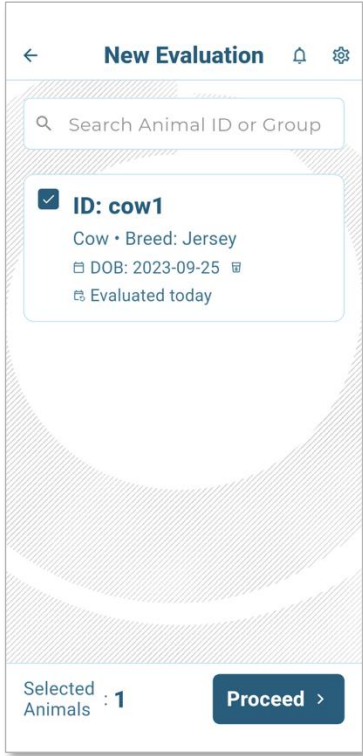
Step 15
Dashboard

Tap Evaluations from the dashboard.



Step 16
Evaluations

Tap Start New Evaluation.



Step 17
New Evaluation

Select the animal or group, then tap Proceed.

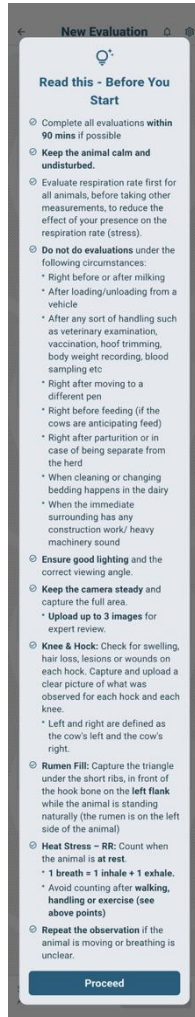


Step 18
Before You Start

Read the evaluation requirements, then tap Proceed.

6. Read the evaluation guidance before scoring

Read the “Before You Start” instructions in the app before tapping Proceed.



Before you tap Proceed

Complete the evaluation within the recommended time where possible. Keep the animal calm and undisturbed during observation.

Capture clear evidence

Use good lighting, keep the camera steady and upload clear images when the app asks for evidence.

Follow the scoring order

Complete heat stress first, then move through hock, knee and rumen fill scoring as prompted by the app.

Tap Proceed only after reading the full guidance in the app.

7. Complete animal scoring

Move through the required scores in sequence and upload evidence where requested.

Step 19
Heat Stress

Enter temperature, humidity, respiratory rate and animal details.

Step 20
Hock Score

Upload hock evidence, select the score and add comments if needed.

Step 21
Knee Score

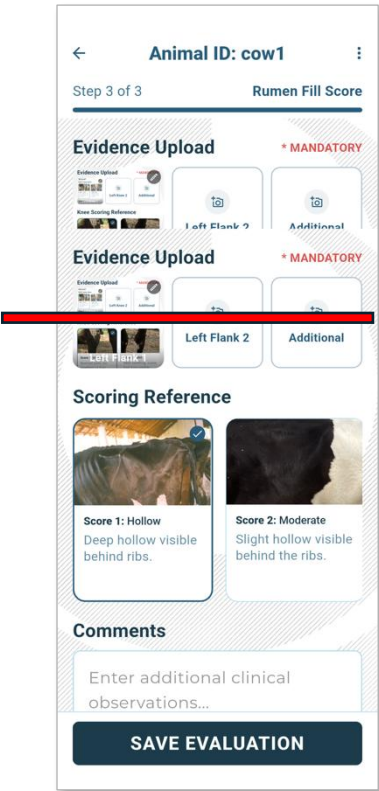
Upload knee evidence, select the score and continue.

Step 22
Rumen Fill

Upload rumen-fill evidence, select the score and save.

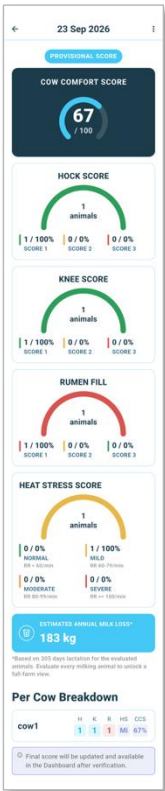
8. Save the evaluation and review the provisional score

After scoring is completed, save the evaluation and review the provisional result.



Step 23
Save Evaluation

Tap Save Evaluation after the scoring screens are complete.



Step 24
Provisional Score

Review the Cow Comfort Score and category-level results. The score remains provisional until review or verification is complete.

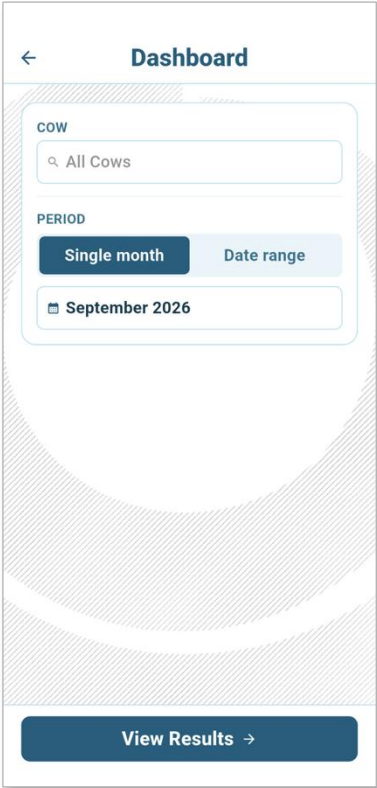


Step 25
Result Detail

Open the result detail to review the score breakdown per cow.

9. Find results again later

Use these screens to return to saved results after an evaluation is completed.



Step 26
Dashboard Filters

Choose cow and period.



Step 27
View Results

Tap View Results to open the selected result period.

Click on any scores to move to next page



Step 28
Result Detail

Review Cow Comfort, Hock, Knee, Rumen Fill and Heat Stress scores.

10. Scoring guides are optional help screens

Use these screens when you need scoring criteria. They are reference screens, not extra mandatory steps.

Hock Score

Assesses skin and tissue damage on the hock joint

SCORE SIGNIFICANCE

Score 1 Healthy

Clean hock with no hair loss, swelling, or lesions. Indicates good lying surface and adequate rest time.

Score 2 Mild Injury

Hair loss or minor skin abrasion on the hock. Early sign of discomfort – review stall bedding and surface.

Score 3 Severe Injury

Open lesion, significant swelling, or hard lump. Immediate attention required – affects lying time and milk yield.

9 A high proportion of Score 3 hocks is a strong indicator of inadequate lying surface or overcrowding.

Guide

Hock Score

See what Healthy, Mild Injury and Severe Injury mean.

Knee Score

Evaluates skin condition on the carpal (knee) joint

SCORE SIGNIFICANCE

Score 1	Healthy No hair loss or swelling. Animal kneels and rises comfortably on the stall surface.
Score 2	Mild Injury Some hair loss around the knee. Often linked to hard or abrasive flooring near feed alleys.
Score 3	Severe Injury Visible wound, significant swelling, or bursitis. Reduces willingness to kneel and access feed.

📍 *Knee injuries are frequently caused by concrete flooring without sufficient rubber matting or bedding.*

Guide

Knee Score

See the three knee-condition scoring levels.

Rumen Fill Score	
Indicates adequacy of dry matter intake via rumen distension	
SCORE SIGNIFICANCE	
Score 1	Poorly Filled Rumen sunken or hollow. Significant under-feeding – directly correlated with reduced milk production and body condition loss.
Score 2	Moderately Filled Rumen visible but not full. May indicate sub-optimal feed access, palatability issues, or early digestive upset.
Score 3	Well Filled Rumen clearly visible and well distended. Optimal feed intake – animal is receiving adequate nutrition.

Guide

Rumen Fill

See Poorly Filled, Moderately Filled and Well Filled.

Heat Stress

Respiratory Rate (RR) classification for herd comfort

SCORE SIGNIFICANCE	
NORMAL	RR < 60/min No heat stress. Animals are comfortable – feed intake and milk production are unaffected.
MILD	RR 60-79/min Slight heat stress. Minor reduction in feed intake possible. Ensure water availability and ventilation.
MODERATE	RR 80-99/min Significant heat stress. Reduced DMI, panting, lower milk yield and conception rates. Cooling interventions needed.
SEVERE	RR >= 100/min Severe heat stress. Animal welfare at risk – rapid intervention with sprinklers, fans, and shade is critical.

♀ A rise in respiratory rate above the threshold reduces daily milk yield by approximately 0.2–0.4 kg per cow.

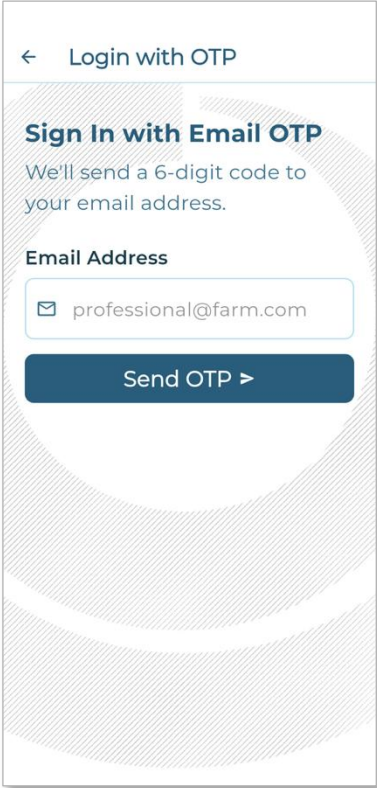
Guide

Heat Stress

See Normal, Mild, Moderate and Severe heat-stress levels.

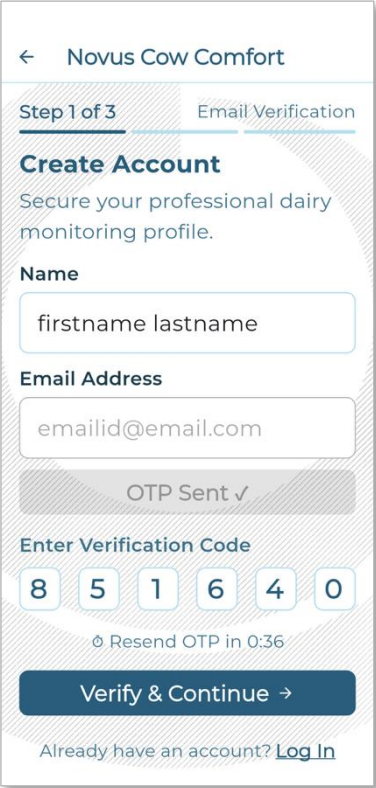
11. Returning user sign-in

Use this shorter path when you already have an account.



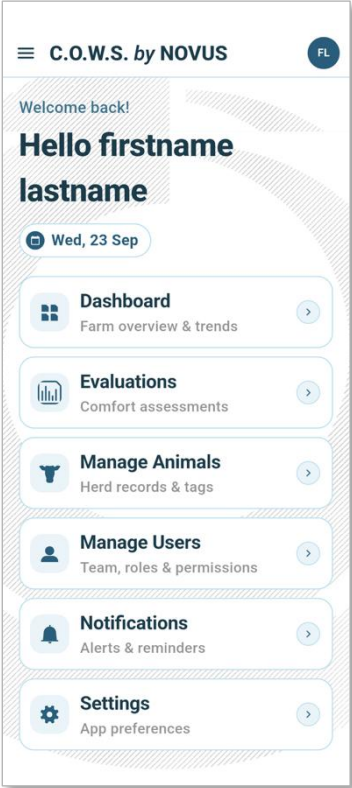
Step R1
Login with OTP

Enter your registered email address and send the OTP.



Step R2
Verify OTP

Enter the OTP and tap Verify & Continue.

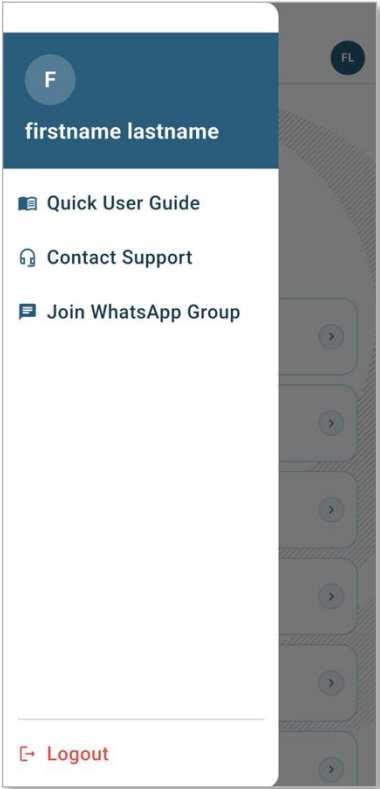


Step R3
Dashboard

After sign-in, the dashboard becomes your starting point.

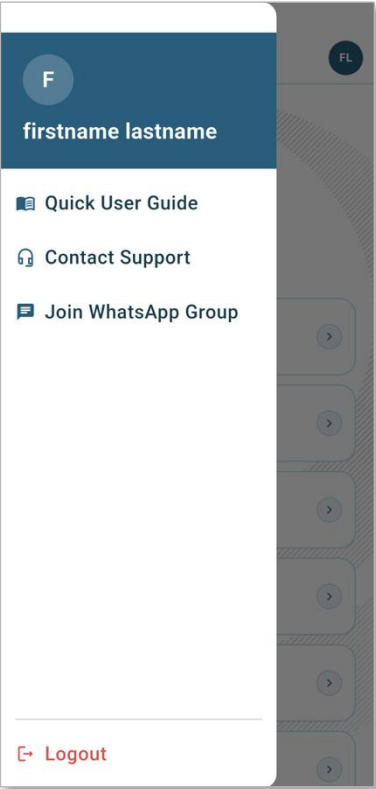
12. Quick Help & Support

Use the side menu whenever you need guidance or support.



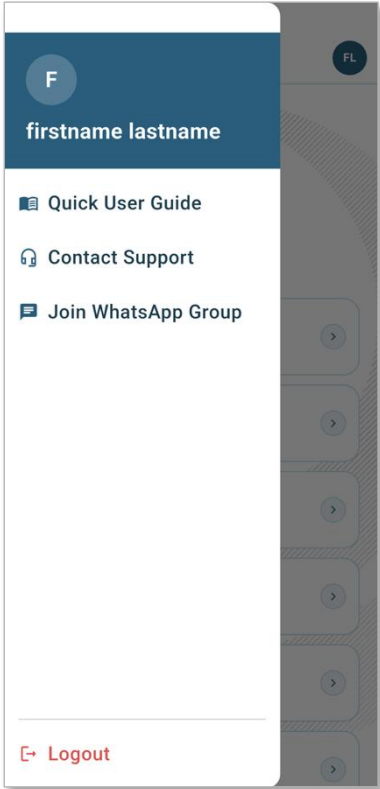
Help
Quick User Guide

Open the in-app user guide.



Help
Contact Support

Contact support if you need assistance.



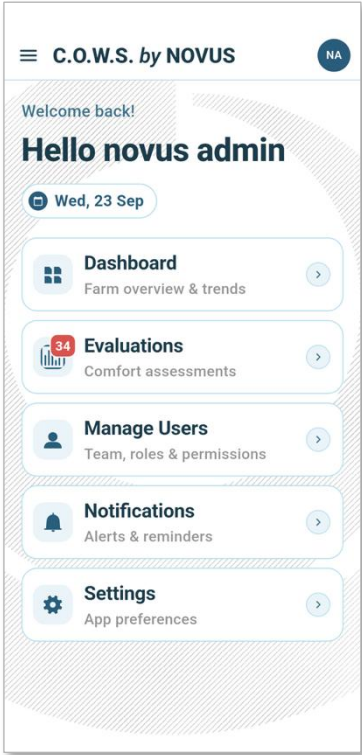
Help
Join WhatsApp Group

Open the WhatsApp support or community option.

13. Admin / Reviewer Dashboard

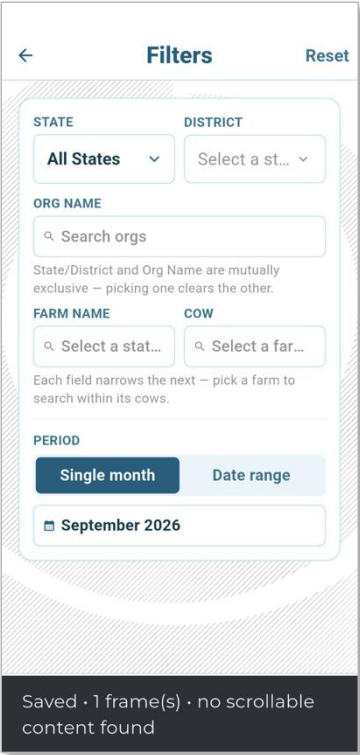
Admin and Reviewer users follow a different journey from Farmer users.

Common Home Page



Admin Step 1
Admin Home

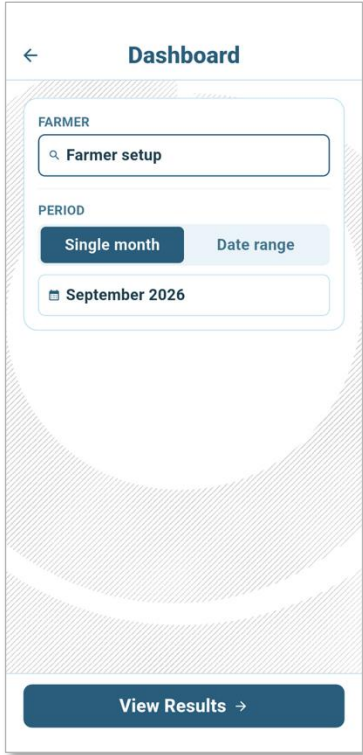
Open dashboard, evaluations, users, notifications or settings.



Admin Step 2
Filters

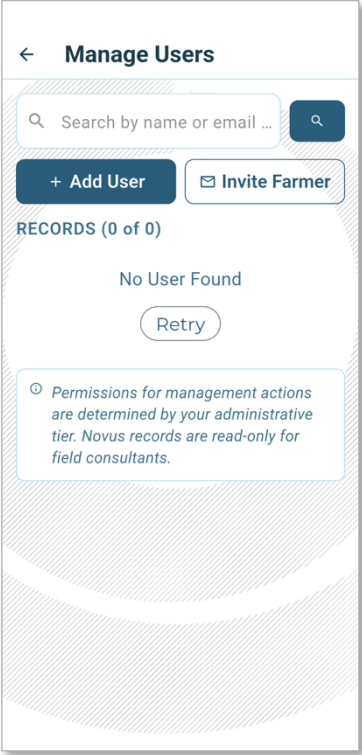
Narrow dashboard data by state, district, organisation, farm and period.

Adding Another User



Admin Step 3
Admin Dashboard

View farm-level summary information and access results.



Admin Step 4
Manage Users

Search users or choose Add User / Invite Farmer.

Merci Mamana Salamat
Obrigado Welalin Gracias 감사합니다 Danke Obrigado Cảm ơn
Grazie Asante Obrigado Dziekuje Salamat Vinaka Maake
Merci Cảm ơn Takk skal du ha Kütos धन्यवाद
Vinaka Kia Ora
Salamat Mamana
THANK YOU
Matondo Kütos ありがとうございます Maake Kia Ora
terima kasih Dank Je Merci ขอบคุณ Obrigado Cảm ơn Salamat
Mamana Matondo Asante Danke Dank Je Gracias