FARMBOOK

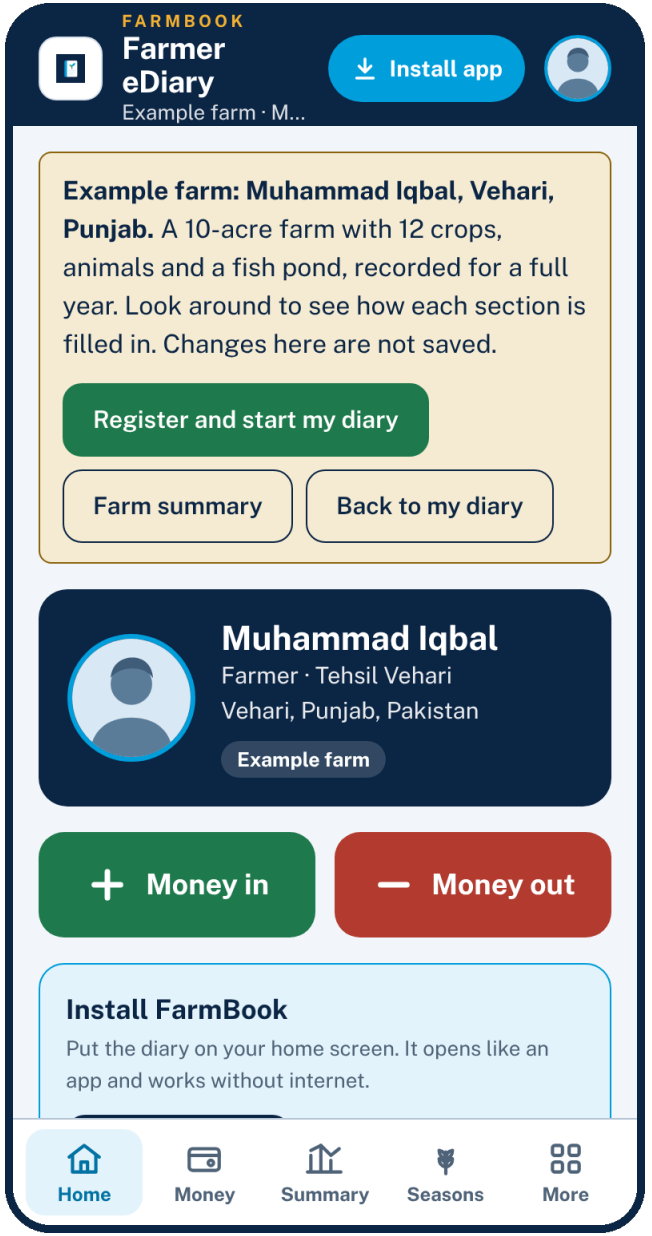
Farmer eDiary

Your farm record, in your pocket

A step-by-step guide and user manual

A JOINT INITIATIVE OF

Presented by Jam Muhammad Khalid · JamKhalid.com



Why keep a farm diary?



Know your real profit

Write down every sale and every cost. At season end you see what each crop and animal earned, not a guess.



Plan and borrow wisely

Clear records show what you can repay, and support a request for a loan, input credit or a grant.



Learn together

Farmers, facilitators and extension workers can compare results and learn from every season.

Built on the FAO Farmer Field School record book (Khalid, Ibrahim and Molyneux, 2025).

Farmer eDiary at a glance

9

languages, including Urdu, Arabic, Hindi, Lao and Chinese

Offline

works without internet after the first visit

Private

diary records stay on the farmer's phone

3

ways to use it: web, Android and iPhone

A JOINT INITIATIVE OF

Developed by JamKhalid.com with FIDA and SOFT to bring record keeping to farmers in Farmer Field School communities.

Step 1 · Open and install

1. **Scan the QR code**
   or open www.jamkhalid.com/farmer-diary in your browser

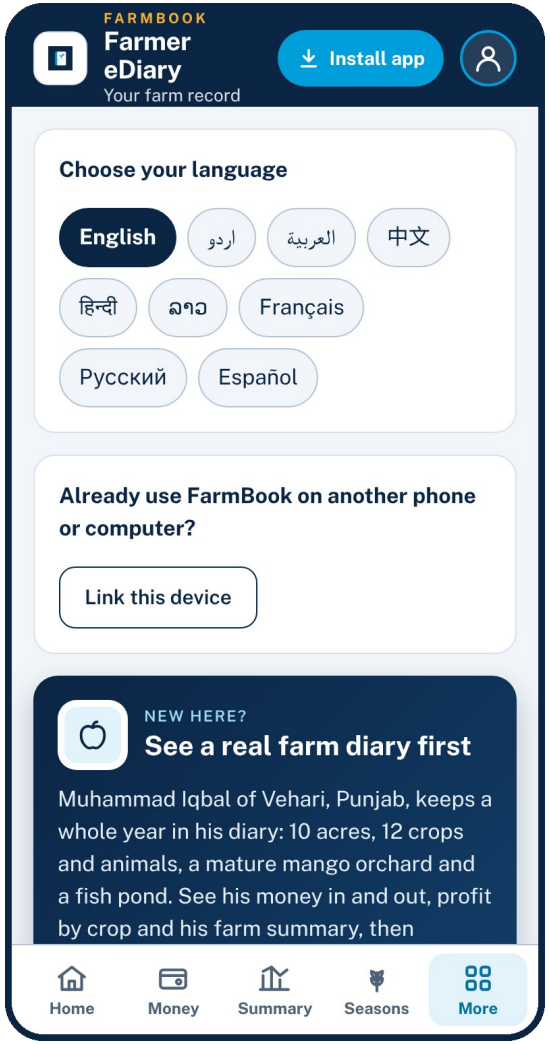
2. **Android, Windows or Mac**
   Tap Install app at the top of the screen (Chrome or Edge)

3. **iPhone**
   Tap Share, then Add to Home Screen

4. **Use it anywhere**
   After the first visit it opens and works without internet

Scan to open the diary

Step 2 · Choose your language and look first



1. **Tap your language**
   9 choices. Urdu and Arabic switch the screen to right-to-left

2. **New here? Open the example farm**
   A full year for Muhammad Iqbal of Vehari. Nothing you type there is saved

3. **Already use FarmBook?**
   Tap Link this device to bring your diary to this phone (see Linked devices)

4. **Ready to start?**
   Tap Register and start my diary

Step 3 · Register once

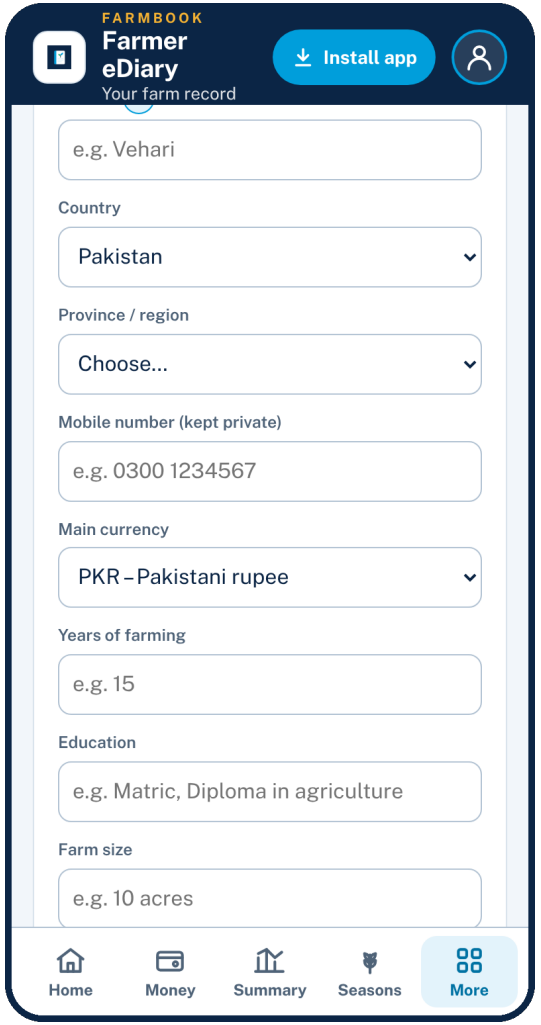
1. **Add your photo**
   Take one with the camera or pick one from the gallery

2. **Name, title and place**
   Your title, village or tehsil, district and country

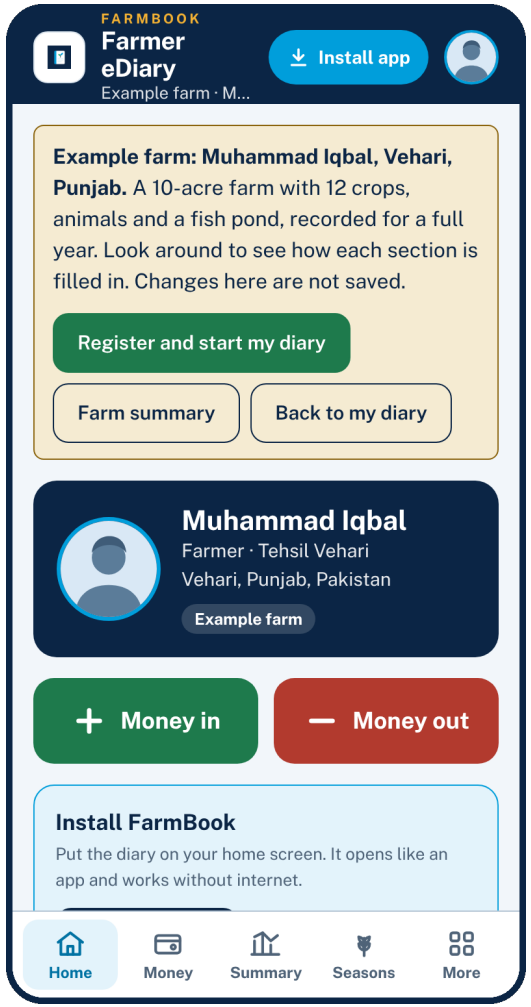
3. **Mobile number**
   Kept private. Shown only if you choose to share it

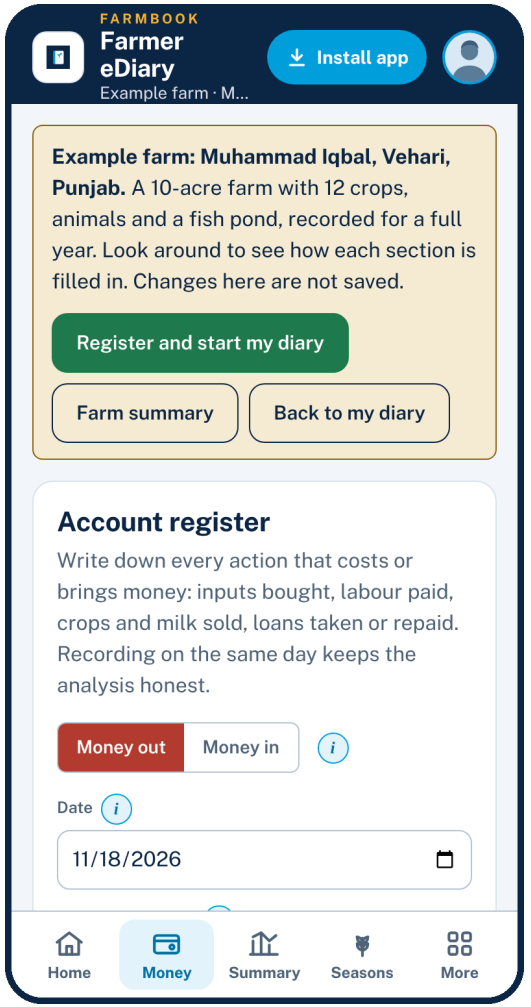
4. **Farm location (optional)**
   Tap Use my location on the farm, or tap the map

5. **Tick the agreement and tap Register**
   No internet? It is sent automatically when you are online



Step 4 · Record money in and money out





1. **Home: tap a big button**
   Green Money in for sales. Red Money out for costs

2. **Fill the few boxes**
   Date, crop or animal, amount and a short note

3. **Tap Submit**
   The entry locks with a tick. Use Edit or Delete to change it

4. **Not sure what a word means?**
   Tap the i beside it for a short help note

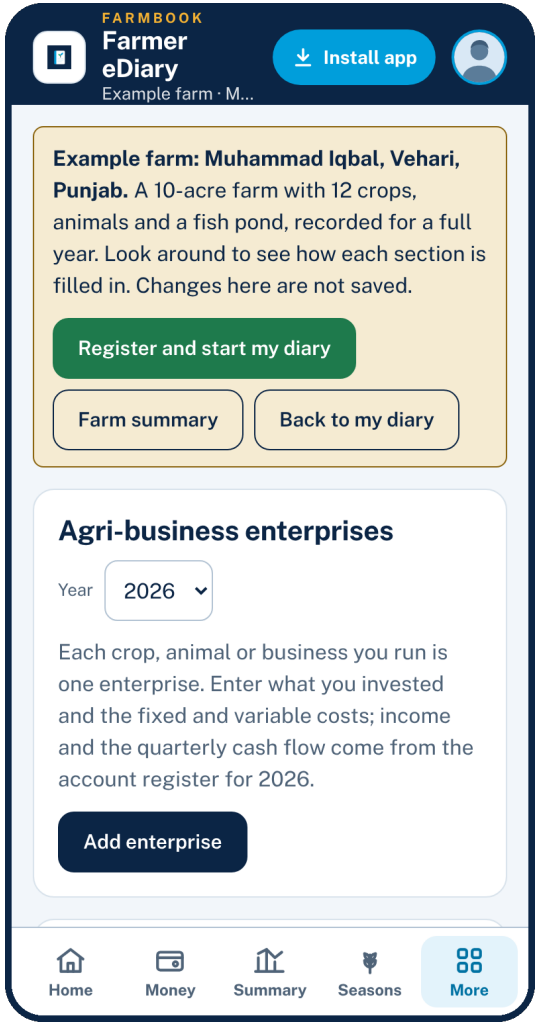
Step 5 · Add your crops and animals

1. **Tap More, then Crops & animals**
   Choose the year at the top

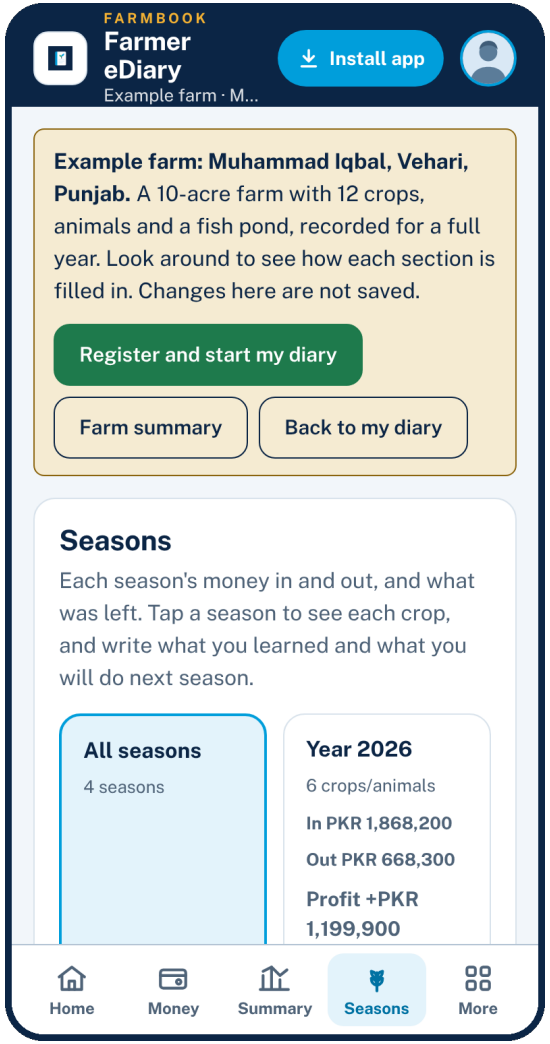
2. **Tap Add enterprise**
   Each crop, animal or business you run is one enterprise

3. **Enter what you invested**
   Fixed and variable costs. Income comes from your money entries

4. **Tap Submit for each part**
   It moves on to the next part and keeps your record tidy



Step 6 · See your seasons



1. **Tap Seasons at the bottom**
   Winter (Rabi), Summer (Kharif) and year-round

2. **Read each season**
   Money in, money out and the profit that was left

3. **Tap a season**
   See every crop in it and record more for that season

4. **Write what you learned**
   A short note for next season

Step 7 · Read your farm summary

1. **Tap Summary**
   Last 12 months, or pick any year

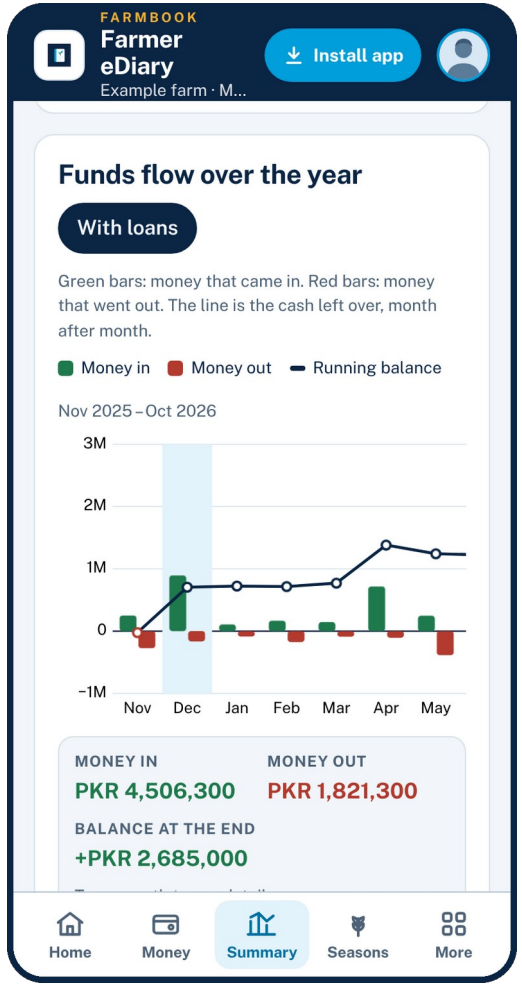
2. **Four numbers first**
   Income, expenses, profit and profit margin

3. **Return per 1 spent**
   A gauge showing what each rupee earned

4. **Funds flow**
   Money in and out each month, with the running balance

5. **Top performers**
   Rank crops by income, profit or return, with star report cards





Step 8 · All sections at a glance

Home
Money in and Money out buttons

Money
Account register and income

Summary
Results in pictures

Seasons
Profit by season and crop

Farm details
Land, family, assets

Farm map
Satellite snapshot with notes

CSA practices
60 climate-smart practices

Crops & animals
Costs and income by enterprise

Farm tasks
Work plan with reminders

Loans
What you owe and are owed

Family shares
Shareholders and profit split

Agreements
Land, water, labour deals

Contacts
Your phone directory

Backup & help
Save and restore the diary

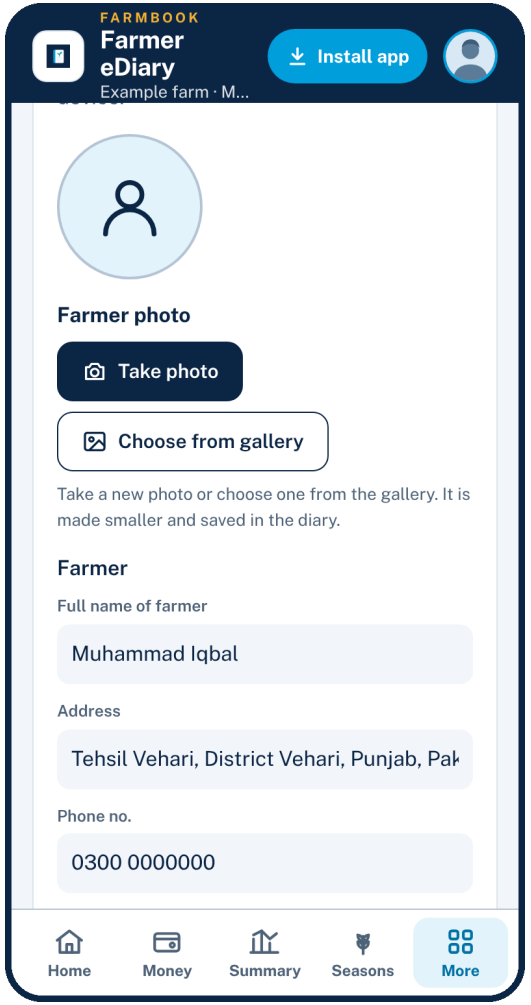
Linked devices
Same diary on many devices

My profile
Photo, name, place, map

Farmers map
Registered farmers online

Install app
Add it to your home screen

Section guide · Farm details



Your own farm record: contact, family, labour, land, assets and training. Banks, insurers and programmes often ask for these details. Everything stays on your phone.

1. **Farmer information**
   Photo, full name, address, phone and national identity number

2. **Family and labour**
   Family farming, family members and agriculture labourers

3. **Land and assets**
   Owned, leased and cultivable land, machinery and livestock

4. **Tap Submit for each part**
   It locks with a tick. Use Edit or Delete to change it

Tip: Pick your main currency and land unit (acre, hectare, kanal and more) once; all totals use them.

Section guide · Farm map

Keep a picture of your farm from a satellite map and mark the fields, house, sheds, water sources and paths on it.

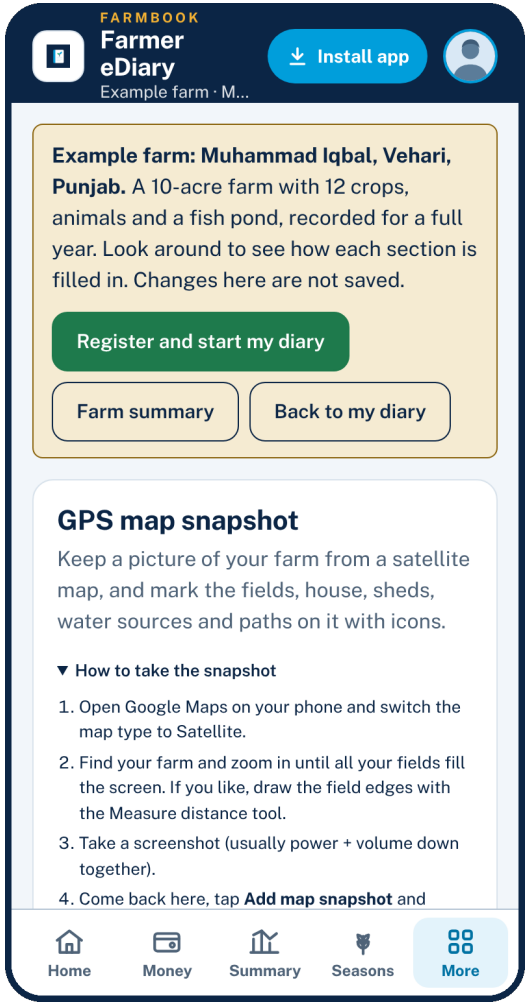
1. **Open Google Maps, choose Satellite**
   Zoom in until all your fields fill the screen

2. **Take a screenshot**
   Usually power and volume down together

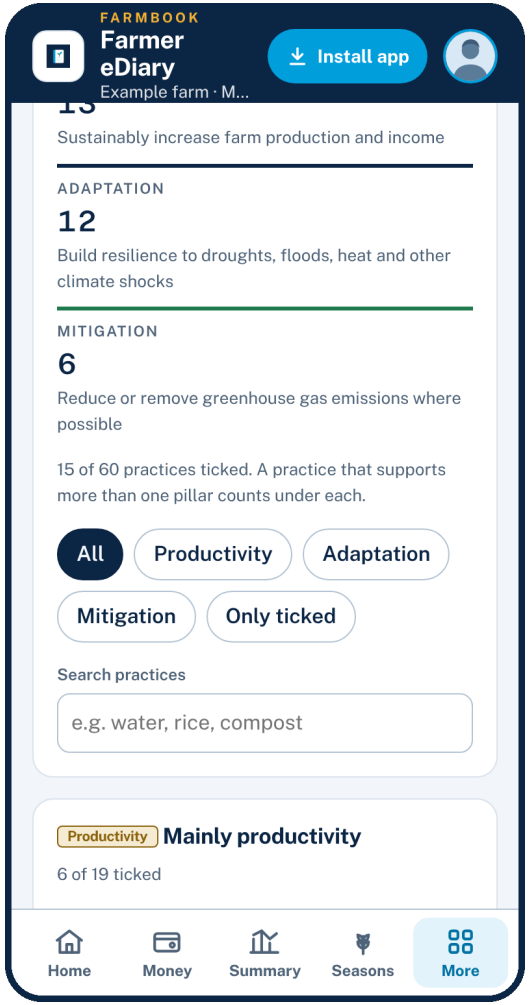
3. **Tap Add map snapshot**
   Choose the screenshot, or tap Take photo

4. **Write map notes**
   Which field is which, sizes, water sources and shared resources

Tip: Draw the field edges first with the Measure distance tool in Google Maps.



Section guide · CSA practices



Tick every climate-smart practice or technology you use. There are 60 practices, grouped under the three pillars of climate-smart agriculture.

1. **Know the three pillars**
   Productivity, adaptation (resilience to drought, floods, heat) and mitigation (fewer emissions)

2. **Filter or search**
   Show All, one pillar or Only ticked, or type a practice name

3. **Tick what you use**
   A counter shows how many you have ticked, for example 15 of 60

4. **Tap My notes**
   Write how and where you apply the practice

Section guide · Farm tasks

Plan farm work, get a reminder, and tap Done when it is finished. Repeating tasks come back by themselves.

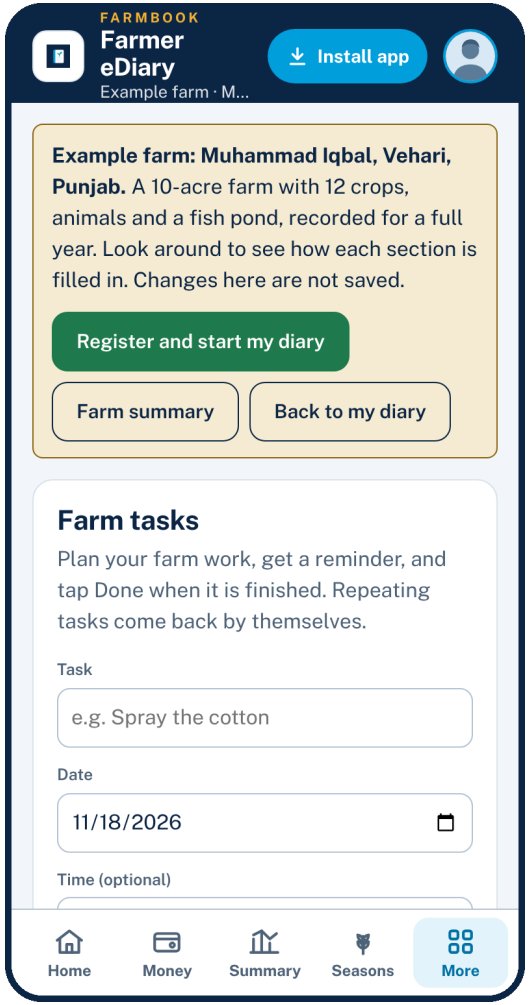
1. **Add a task**
   Name, date and an optional time, such as Irrigation or Spray crop

2. **Pick the crop or animal**
   Or choose General farm for work that is not one enterprise

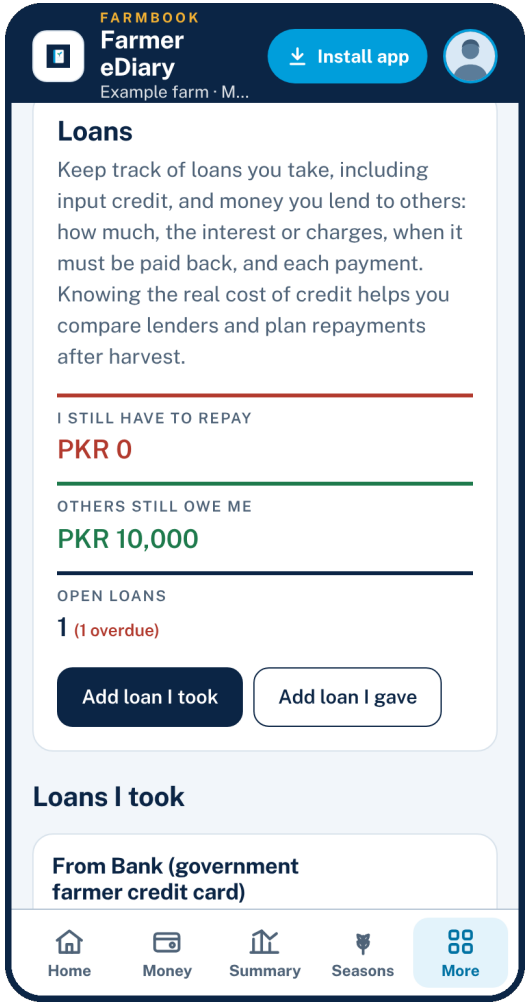
3. **Choose Repeat**
   Does not repeat, every week, every month or every year

4. **Turn on Remind me**
   A reminder pops up when you open the diary. The phone app also sends a notification

Tip: Overdue tasks are listed first, so you see what is late.



Section guide · Loans



Keep track of loans you take, including input credit, and money you lend to others: how much, interest or charges, when it must be paid back, and each payment.

1. **Tap Add loan I took or I gave**
   From whom, amount, interest or charges and the due date

2. **Record every repayment**
   The loan shows what is repaid and what you still owe

3. **Read the top figures**
   I still have to repay, others still owe me, and open loans with any overdue

4. **Mark it Settled**
   When the loan is fully repaid

Tip: Knowing the real cost of credit helps you compare lenders and plan repayments after harvest.

Section guide · Family shares

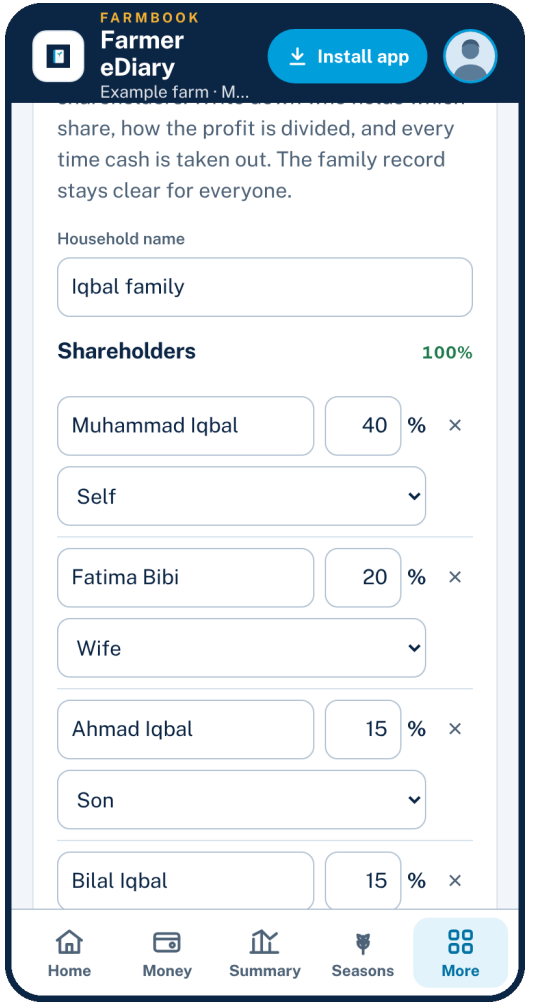
One farm, one household, many shareholders. Write who holds which share, how the profit is divided, and every time cash is taken out.

1. **Name the household**
   For example the family name

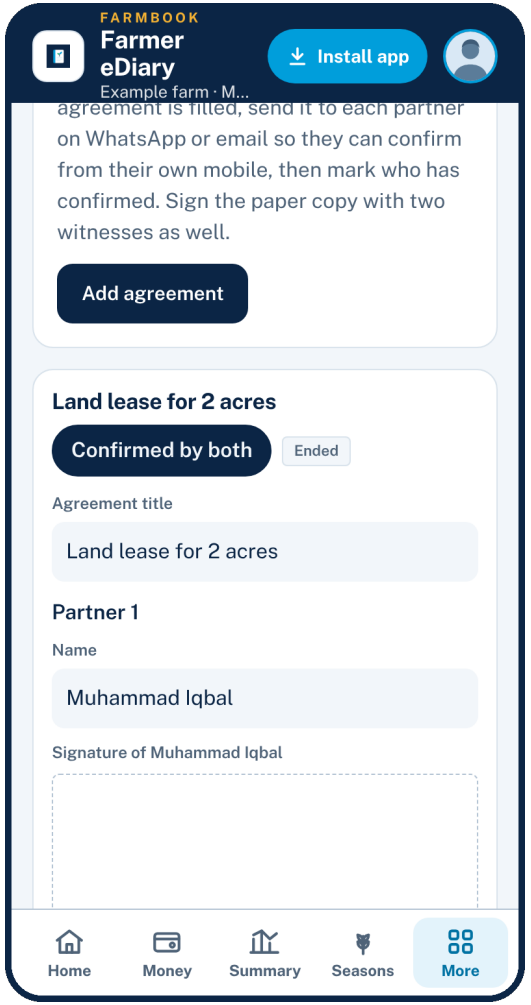
2. **Add shareholders**
   Self, husband, wife, parents, children, partner or other, each with a share in percent

3. **Check the total**
   Shares must add up to 100%. Tap Split equally for equal shares. Add a farm reserve if you wish

4. **Choose the period**
   See the profit from the diary and how it is shared



Section guide · Agreements



Write down partnerships for land, water, machinery or labour so both sides remember the same terms.

1. **Tap Add agreement**
   Give it a title, such as Land lease for 2 acres

2. **Fill both partners**
   Name, identity number, address, mobile, email and signature

3. **Write the terms**
   Type them, or tap the microphone on your keyboard and speak. You can also add a voice recording

4. **Send and confirm**
   Send it on WhatsApp or email, then mark Confirmed by both

Tip: Sign the paper copy with two witnesses as well.

Section guide · Contacts

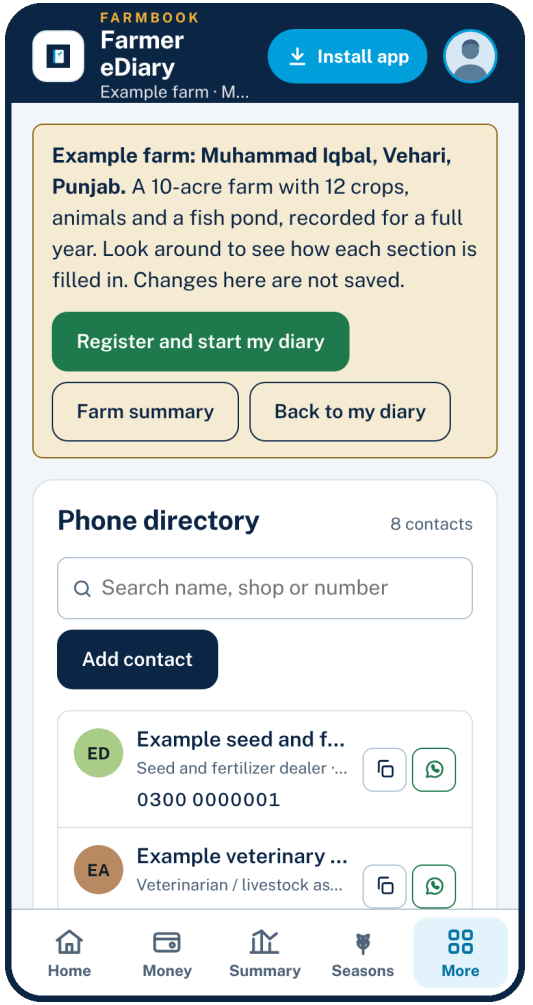
Your own phone directory of the people your farm depends on, kept on your phone.

1. **Tap Add contact**
   Name, role, organisation or place, and phone number

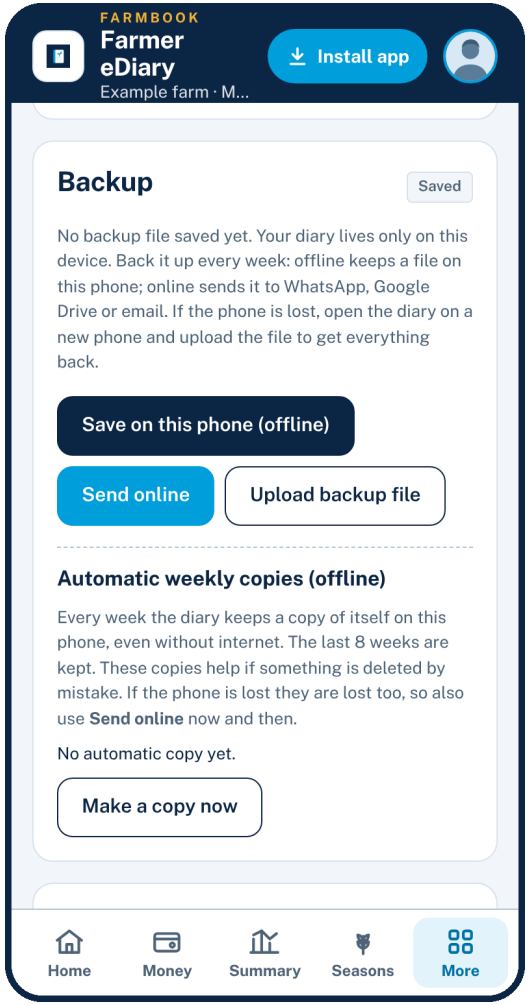
2. **Call or message**
   Use the copy and WhatsApp buttons beside each contact

3. **Keep the key eight**
   Seed and fertilizer dealer, veterinary assistant, extension worker, FFS facilitator, buyer or commission agent, tractor hire, tubewell mechanic, bank or microfinance officer

4. **Watch the checker**
   It shows how many of the eight have a number saved



Section guide · Backup and help



Your diary lives only on your phone, so back it up every week. If the phone is lost, a backup file brings everything back on a new phone.

1. **Save on this phone**
   Keeps a backup file on the device (offline)

2. **Send online**
   Sends the backup to WhatsApp, Google Drive or email

3. **Upload backup file**
   On a new phone, this restores everything, including your registration

4. **Automatic weekly copies**
   The last 8 weeks are kept on the phone. Tap Make a copy now any time

Tip: Restoring replaces everything in the diary, so restore only when you mean to.

Section guide · Linked devices

Use the same diary on more than one phone or computer. Your records stay on your devices. Only an encrypted copy passes through the server, and only you hold the key.

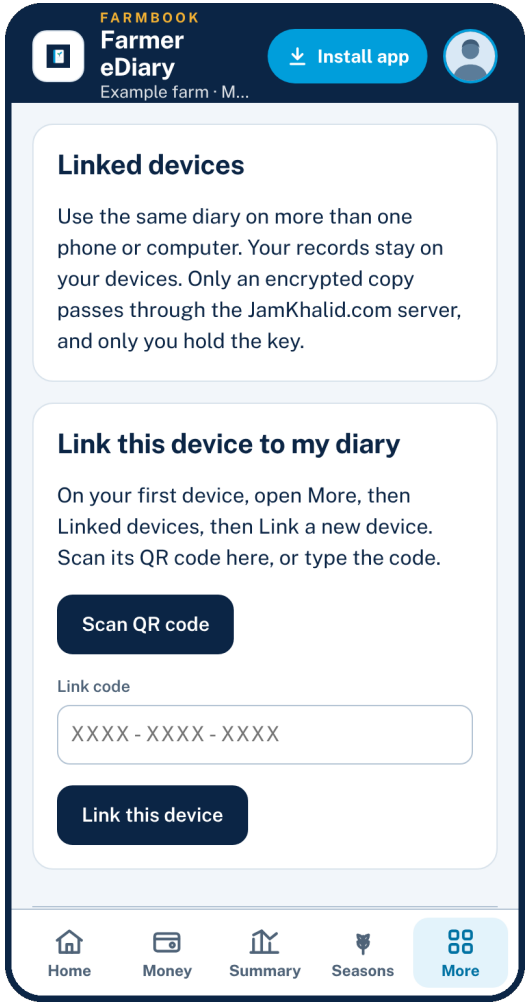
1 **On the first device**
More, then Linked devices, then Link a new device. A QR code and code appear

2 **On the second device**
Tap Link this device, then Scan QR code or type the code

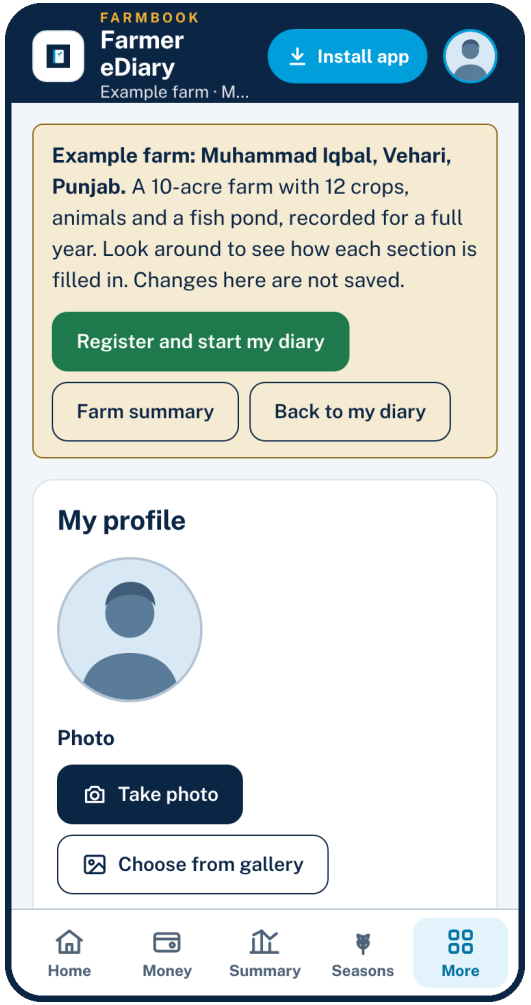
3 **Code rules**
The code works once and for 5 minutes only

4 **Stay in sync**
Changes on one device show on the others. Photos can sync on Wi-Fi only, always or never

Tip: Lost a device? Remove it from the Linked devices list.



Section guide · My profile



Your public face on the farmers map. Everything here is optional to show; your mobile number stays private.

1. **Photo and name**
   Take a photo or choose one from the gallery, then add your full name and title

2. **Place**
   Village or tehsil, district, province and country

3. **Mobile number and currency**
   The number is kept private. Pick your main currency

4. **Map choices**
   Tap Use my location, or tap the map. Then choose if you appear on the farmers map

Tip: You can hide yourself from the map or delete your registration here at any time.

Step 9 · Farmers map and your profile



Show me on the map

Your photo, name, title and village appear. The pin is rounded to about 1 km.



Publish my profile

Optional: about me and products. Your mobile shows only if you tick the box.



Leave any time

Profile › Delete my registration erases your name, photo, mobile and profile. Only a nameless dot may stay on the map.

Farmers map page: www.jamkhalid.com/farmer-diary/farmers-map.html. Search by name, village, district or country, and tap a farmer for details.

Your privacy comes first

Your diary never leaves your phone.

Only the profile you choose to register goes to JamKhalid.com.

- Money, loans, agreements and contacts stay on your phone
- Your mobile number is private unless you choose to show it
- Your details are never sold
- Delete your registration at any time

About FarmBook, sources and credits

Where the diary comes from

The diary follows the Farmer Field School record book in Khalid, J.M., Ibrahim, R.W. and Molyneux, N. 2025. Part 5: Farmer Field School data recording and governance, Climate-smart Farmer Field School curriculum. Amman, FAO. Licence CC BY 4.0. https://doi.org/10.4060/cd4010en

Please note

This adaptation was not created by the Food and Agriculture Organization of the United Nations (FAO). FAO is not responsible for its content or accuracy. The original English edition is the authoritative edition.

The paper annexes were turned into interactive screens, and income, profit and cash flow are calculated from the account register. The example farm data is invented.

Running it in a group session

10 min

Open and install

Everyone scans the QR code

10 min

Walk the example farm

Explore Muhammad Iqbal's diary

15 min

Register in pairs

Neighbours help each other

15 min

Record three entries

A sale, a cost and a loan

10 min

Summary and backup

Read the result, send a backup

Before you start: ask farmers to bring a charged phone and their mobile number. After the first open, the diary needs no internet.

Quick help: if something goes wrong

Problem	What to do
I cannot see the Install app button	iPhone: tap Share, then Add to Home Screen. Others: open the page in Chrome or Edge.
My registration has not gone yet	It is sent automatically once the phone is online again.
I changed my phone	More › Backup & help › Upload backup file, or tap Link this device.
Wrong name or place on the map	Edit it under Profile and save, or write to info@jamkhalid.com.
I picked the wrong language	More › Language, then choose again.

Start your diary today

Scan, install, register, and record your first sale.

www.jamkhalid.com/farmer-diary
info@jamkhalid.com

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Scan to open the diary