Open Agri UI – User Manual (Improved Edition)

Welcome to **Open Agri UI**, a web application designed to help you manage farms, parcels, apiaries, beehives, and crops with ease.
This improved manual walks you through the platform step-by-step and explains what you will see in each screenshot.

1. Introduction

Open Agri UI allows you to:

- Register and log in
- Create and manage farms and parcels
- Create and manage apiaries and beehives
- Record and search apiary observations and actions
- Create and manage crops and record crop observations

The interface uses simple wizards that guide you through each action.

2. Getting Started

2.1 Accessing the Application

1. Open your web browser.
2. Enter the URL provided by your administrator.
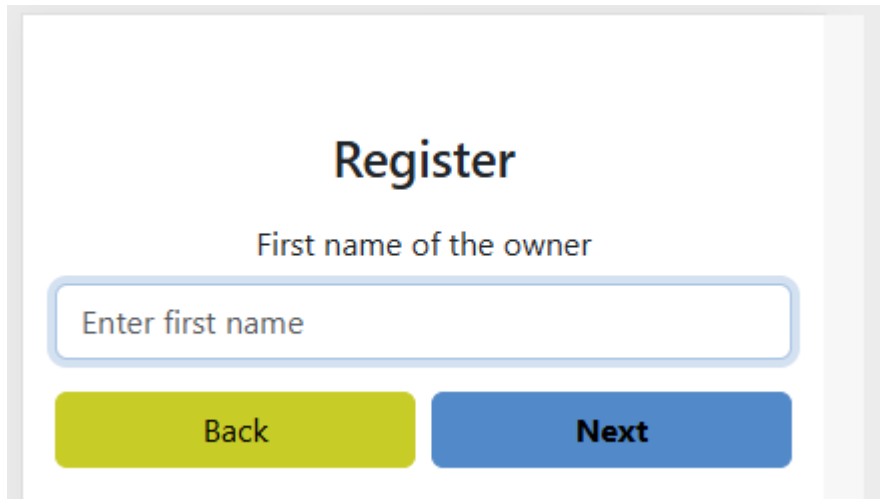3. You will see the home screen with options to **Log in** or **Register**, and a language selector.

2.2 Registration

If you are a new user, you can create an account using the registration wizard.

1. On the home page, click **Register**.
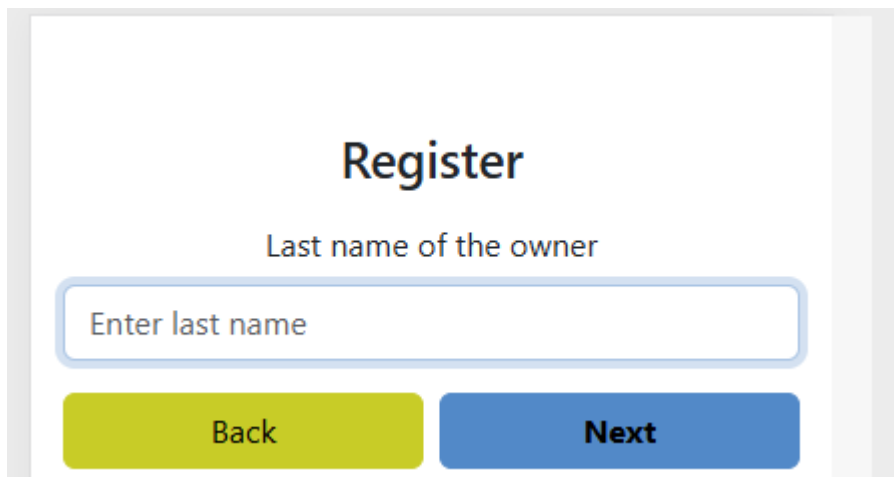2. Follow the wizard steps. Each screen asks for a specific piece of information.

Below are examples of wizard screens you will see:

Step: First name

Register

First name of the owner

Enter first name

Back   Next

Step: Last name

Register

Last name of the owner

Enter last name

Back   Next

Step: Email

Step: Phone number (optional)

Step: Password

Step: Access code (if required by configuration)

Register

Access Code

register.accessCode.placeholder

| Back | Next |

Step: Country, city, and street

Register

Country

Enter country

| Back | Next |

Register

City

Enter city

| Back | Next |

Register

Street

Enter street

Back   Next

Final summary before submitting

Register

farm.houseNumber

65

Back   Next

Register

First name of the owner: marko

Last name of the owner: corn

Email Address: mafwer@fwrf.fwr

register.phone: 637366767

Password: ••••••

Access Code: ••••••

Country: gwrhr

City: hwe

Street: nbderhz

farm.houseNumber: 65
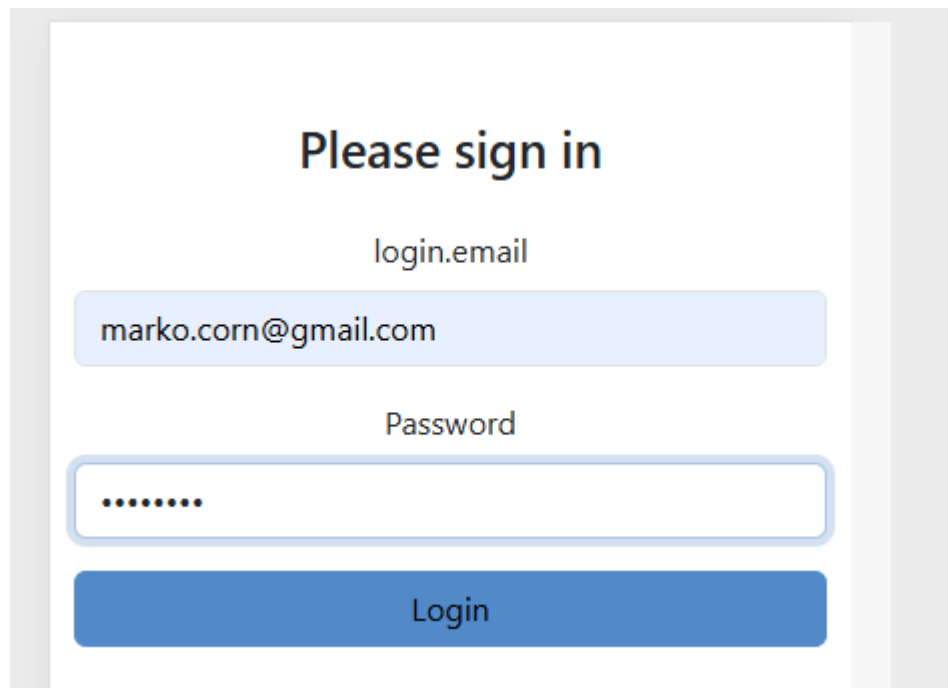
Back   Register

3. Confirm your information and click **Register**.

4. After successful registration, you will be redirected to the login page.

2.3 Login

To access your account:

1. Enter your email or username.
2. Type your password.
3. Click **Login**.

After logging in, you will be redirected to the dashboard.

3. Navigation Overview

After logging in, you will see a clear dashboard with quick access to the main modules:

OpenAgri EN ▾

Parcels

Crops

Apiaries

Beehives

OpenAgri EN ▾

Dashboard

Profile

Logout

You can navigate between:

- **Farm**
- **Parcel**
- **Apiary**
- **Beehive**
- **Crop**
- Language selection (EN / SL)
- Logout

4. Farm Management

(Screenshots for farm management will be added once available.)

5. Parcel Management

5.1 Viewing Parcels

1. Click **Parcel** in the navigation bar.
2. Here you can view, search, and open existing parcels.

OpenAgri

🇺🇸 EN ▾ ☰

Search for parcels

Add new parcel

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parcel.searchTitle
parcel.searchSubtitle

parcel.select

🔍 parcel.searchPlaceholder Clear

PAR-2025-11-05-B5B3 ○

PAR-2025-11-05-FTF1 ●

PAR-2025-10-23-Q21X ○

PAR-2025-10-22-FKH3 ○

PAR-2025-10-22-G2VR ○

PAR-2025-10-22-HW3N ○

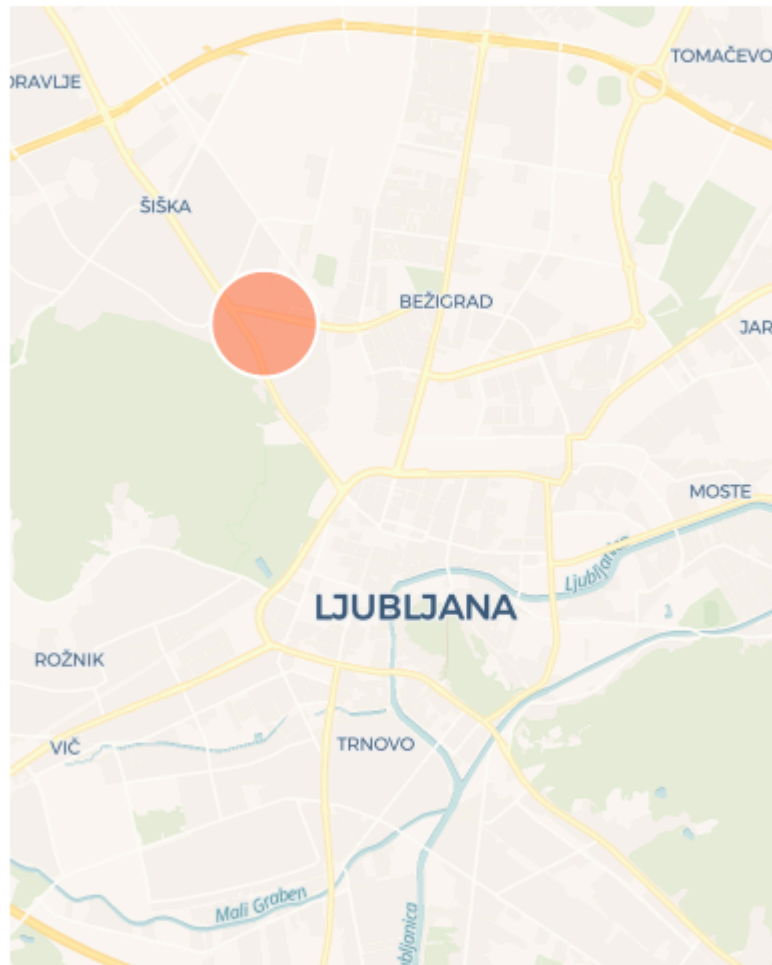15 results (scroll for more).

Back button.select

5.2 Adding a Parcel

1. On the parcel screen, click **Add parcel**.
2. The wizard allows you to:
   - Select the parcel location on a map
   - Enter parcel size
   - Confirm the data

parcel.add

parcel.location

map.selected: 46.066595, 14.494642

Back | **Next**

parcel.add

parcel.size

parcel.size.placeholder

Back | **Next**

parcel.add

parcel.confirm

parcel.location: 46.066595, 14.494642

parcel.size: 78

[Back] [Submit]

5.3 Searching for Parcels

Use the search field or filters (if enabled) to locate a parcel.

6. Apiary Management

6.1 Viewing Apiaries

1. Click **Apiary** in the navigation.
2. You will see a list of apiaries in your farm.
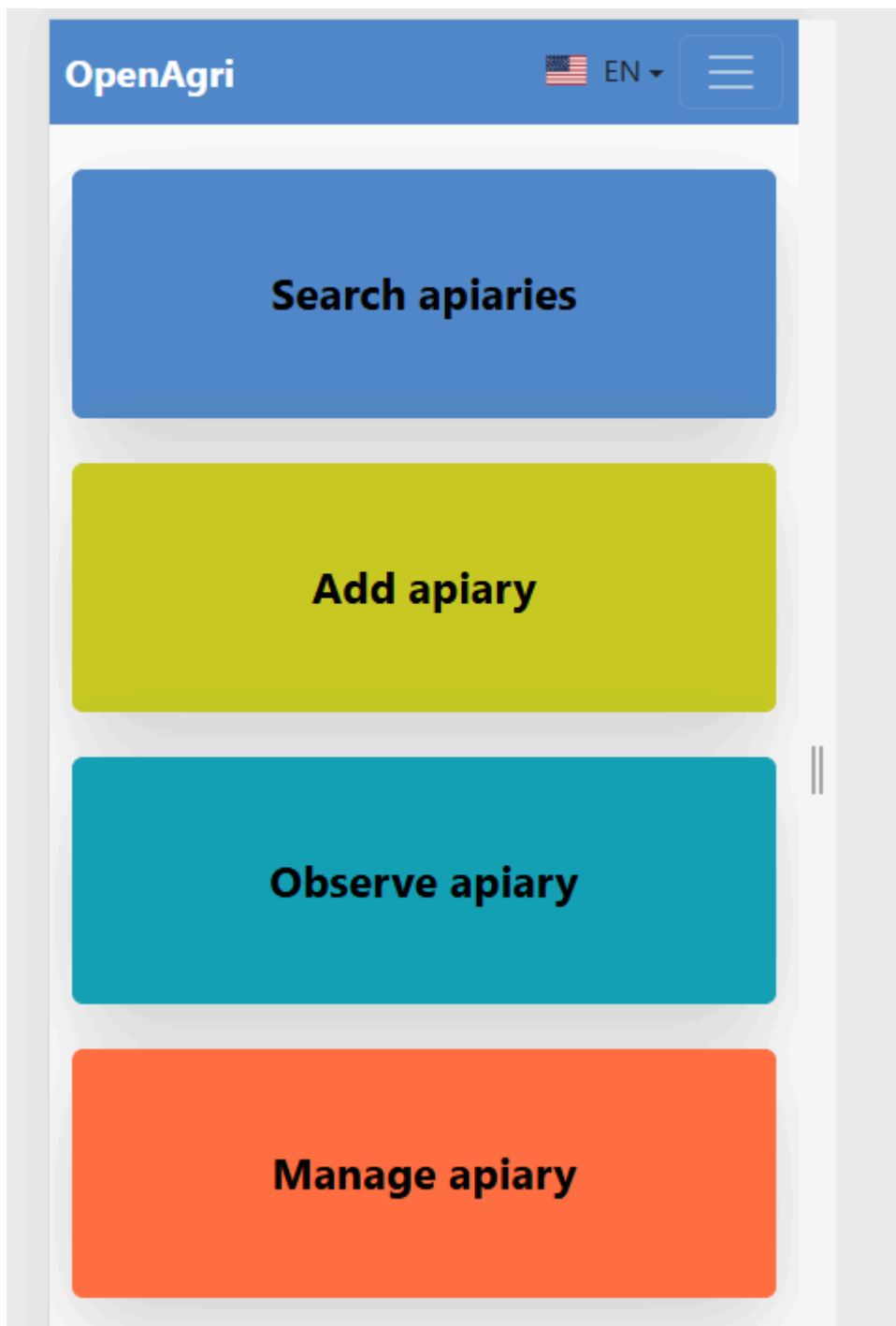
6.2 Adding an Apiary

The **Add Apiary** wizard guides you through picking a location and entering details like name or notes.

apiary.add
apiary.location

map.selected: 46.066237, 14.492067

Back   Next

apiary.add

apiary.details

apiary.name

jetzj

apiary.description

hrzh

Back	Next

apiary.add

Confirm

apiary.name: jetzj

apiary.location: 46.066237, 14.492067

apiary.description: hrzh

Back	Submit

6.3 Managing an Existing Apiary

You can update and perform actions on an existing apiary:

Manage apiary
Select apiary

Select apiary

| cebelank1 | ⌄ |

| Back | Next |

Manage apiary
Select action

Select action

| QUARANTINE_BEEHIVE | ⌄ |

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EXAMINE_BEGIN
EXAMINE_END
ADD_BEEHIVE
REMOVE_HIVE
MERGE_COLONIES
SPLIT_COLONY
QUARANTINE_BEEHIVE

7. Apiary Search Wizard – Observations and Actions

This tool allows you to view all recorded **observations** and **actions** for a chosen apiary.

7.1 Step 1: Choose Category
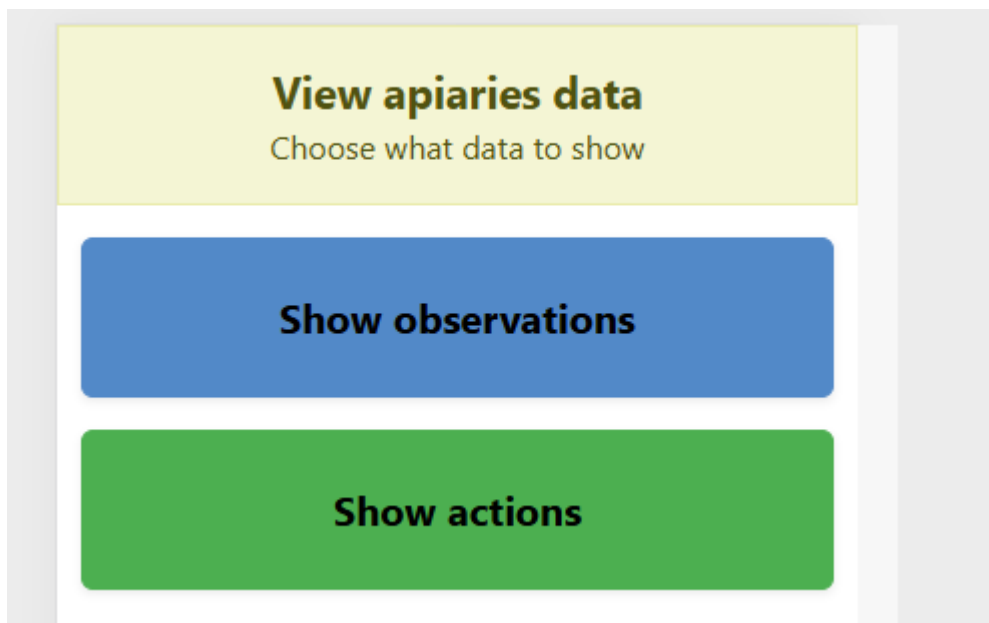
7.2 Step 2: Select Apiary
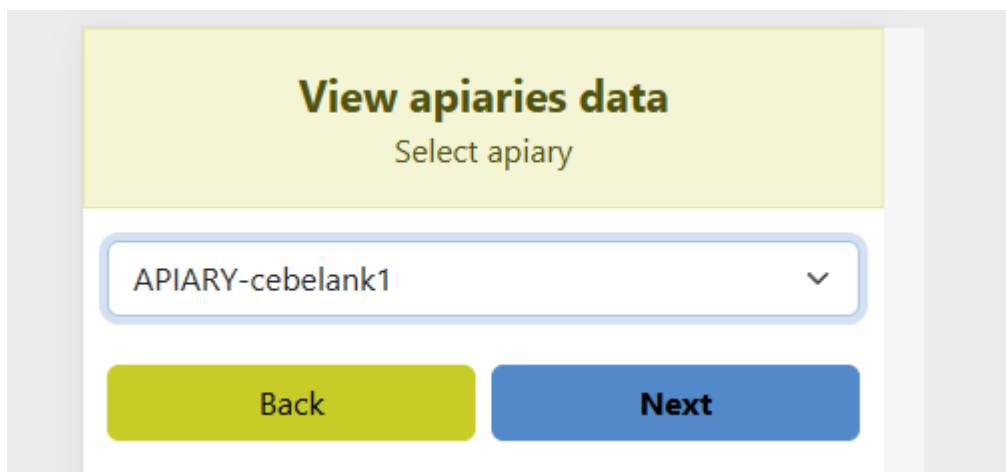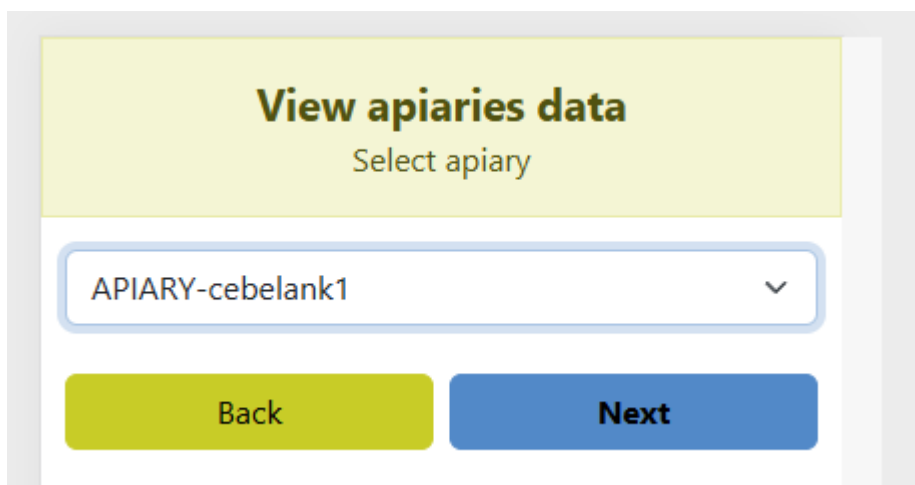
7.3 Step 3: View Results

Results are displayed in a clean list with timestamps, categories, and values.

View apiaries data
Show observations

Date	Type	Value
11/20/2025, 1:00:00 AM	TEMPERATURE	5 °C
11/19/2025, 7:51:34 PM	crop growth	PEST_DETECTED
11/17/2025, 1:38:39 PM	crop growth	FLOWERING_REDUCED
11/11/2025, 1:00:00 AM	GROWTH STAGE	NON FLOWERING
11/10/2025, 7:28:40 AM	crop growth	FRUITING
11/8/2025, 1:00:00 AM	GROWTH STAGE	NON FLOWERING
11/7/2025, 1:00:00 AM	GROWTH STAGE	NON FLOWERING
11/3/2025, 1:00:00 AM	PESTICIDE SPRAYING	VALUE UNIT
11/3/2025, 1:00:00 AM	PESTICIDE SPRAYING	VALUE UNIT
10/29/2025, 4:29:55 PM	GROWTH STAGE	WEEDED
10/29/2025, 4:25:03 PM	GROWTH STAGE	FLOWERING

Back   records.clear

View apiaries data
Show actions

—	[object Object]	—
—	[object Object]	—
—	[object Object]	—
—	[object Object]	—
—	[object Object]	—
—	[object Object]	—
—	[object Object]	—
—	[object Object]	—

Back	records.clear
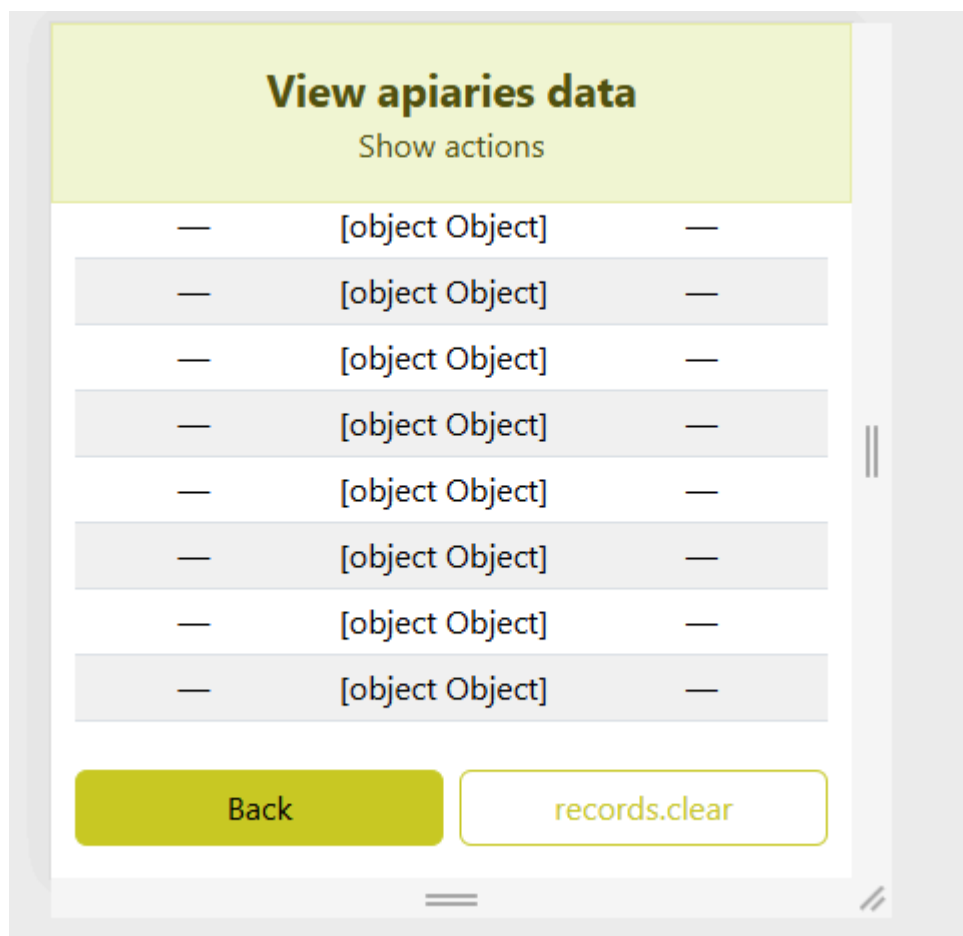
7.4 Recording Observations on an Apiary

You can also record observations directly using the **Observe Apiary** wizard.

Observe apiary
Select apiary

Select apiary

cebelnak1 ⌄

Back | Next

Observe apiary
Select observation type

Select observation type

🔍 Search observation types... | Clear

Temperature ●

Humidity ○

2 results.

Back | Next

8. Beehive Management

8.1 Viewing Beehives

Click **Beehive** to access your beehive list.

EN ▾

Search beehives

Add beehive

Observe beehive

Manage beehive

8.2 Adding a Beehive

Use the wizard to assign the beehive to an existing apiary and fill in hive information.

beehive.add

beehive.selectApiary

Select apiary

cebelank1 ⌄

Back Next

beehive.add
Confirm

Apiary: cebelank1 (9b69021f-7293-4f4a-901f-6324957477a0)

beehive.code

beehive.code.placeholder

beehive.code.help

beehive.model

Langstroth

beehive.frames

e.g., 10

beehive.notes

beehive.notes.placeholder

Back   Submit

8.3 Managing a Beehive

You can update hive status, perform actions, and edit hive data.

Manage beehive
Select beehive

Select beehive

562 ▼

Back   Next

Manage beehive
Select action

Select action

QUEEN_INTRODUCTION ▼

Back   Next

Manage beehive

Enter value

Enter value

1

Back   Next

Manage beehive

confirm

Beehive: 562

Action type: QUEEN_INTRODUCTION

Value: 1

Back   Confirm

9. Crop Management

9.1 Viewing Crops

Click **Crop** to see all crops associated with your parcels.

EN ▾

Search crops

Add crop

Observe crop

Manage crop

9.2 Adding a Crop

Use the wizard to choose the parcel, crop species, and planting details.

crop.add

crop.selectParcel

parcel.select

🔍 | parcel.searchPlaceholder | Clear

PAR-2025-11-05-B5B3	●
PAR-2025-11-05-FTF1	○
PAR-2025-10-23-Q21X	○
PAR-2025-10-22-FKH3	○
PAR-2025-10-22-G2VR	○
PAR-2025-10-22-HW3N	○

15 results (scroll for more).

Back | Next

crop.add
crop.details

crop.species

🔍 crop.searchPlaceholder | Clear

Avena sativa	○
Zea mays	●
Hordeum vulgare	○
Triticum spelta	○

4 results.

Back | Next

crop.add
crop.confirm

parcel.label: PAR-2025-11-05-B5B3
(a44ce152-5b61-4143-8c07-
e00bdaaecbad)

crop.name: cf6c7920-fb21-482d-
a091-8682bcabfa8b

Back | Submit

9.3 Managing a Crop

Record actions like fertilizing, watering, or harvesting.

crop.manage

crop.selectCrop

crop.selectCropLabel

| 🔍 | crop.searchPlaceholder | Clear |

Avena sativa	●
Zea mays	○
Hordeum vulgare	○
Triticum spelta	○

4 results.

| Back | Next |

crop.manage

action.select

action.selectLabel

🔍 action.searchPlaceholder | Clear

[object object] ⚪

[object object] ⚪

[object object] ⚪

[object object] ⚪

[object object] ⚪

[object object] ⚪

7 results (scroll for more).

Back | Next

crop.manage

crop.confirm

crop.selectedCrop: 62a63dba-e383-4bb0-
80fc-59bc56c0060a

action.selected: [object Object]

Back | Confirm

9.4 Recording Crop Observations

crop.observe

parcel.select

parcel.select

🔍 | parcel.searchPlaceholder | Clear

PAR-2025-11-05-B5B3	○
PAR-2025-11-05-FTF1	○
PAR-2025-10-23-Q21X	●
PAR-2025-10-22-FKH3	○
PAR-2025-10-22-G2VR	○
PAR-2025-10-22-HW3N	○

15 results (scroll for more).

Back | Next

crop.observe

crop.selectCrop

crop.selectCrop

| 🔍 | crop.searchPlaceholder | Clear |

Avena sativa	○
Zea mays	●
Hordeum vulgare	○
Triticum spelta	○

4 results.

| Back | Next |

crop.observe
Select observation type

Select observation type

🔍 Search observation types...   Clear

Flowering	◯
Fruiting	⬤
Sickness detected	◯
Pest detected	◯
Weed detected	◯
Flowering reduced	◯

6 results (scroll for more).

Back   Next

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crop.observe
crop.confirm

parcel.label: PAR-2025-10-23-Q21X

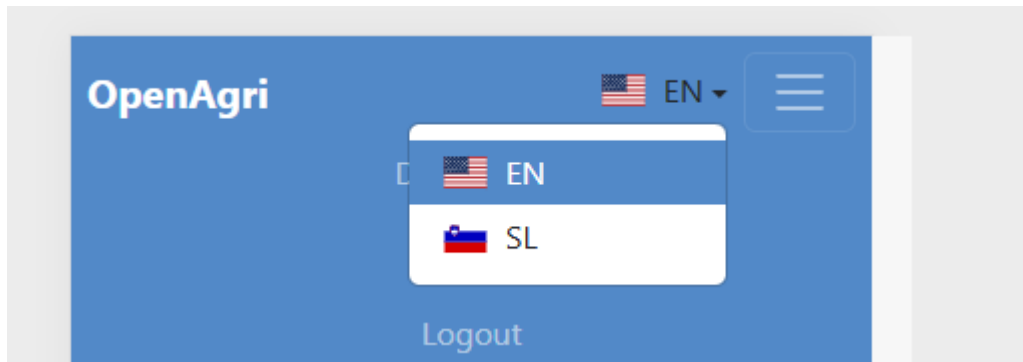**crop.label:** Zea mays

Observation type: Fruiting

Back   Confirm

10. Language Switching

Use the language selector in the top-right corner to quickly switch between languages.

11. Map View (Farms and Parcels)

If enabled, a map will be shown on the farm or parcel screens.

(Add screenshots when available.)

12. Logging Out

1. Open the main navigation menu.
2. Click **Logout**.
3. You will return to the login page and your session ends.