

SMSVAGA

BEEKEEPING DIARY

User guide

Keeping the records of your apiaries, hives and colony health,
with the readings coming straight from the SMSVaga scale.

dnevnik.smsvaga.com

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What the Beekeeping Diary is

The diary is where everything you have done with your colonies is kept — inspections, treatments, feedings, extractions and migrations. It is kept per hive, and everything together is seen per apiary and across the whole operation.

If a hive carries an SMSVaga scale, the diary also shows its latest reading — weight, daily yield, temperature and humidity. Readings are not typed in by hand and are not stored here; they are fetched from the SMSVaga portal every time, so they are always the real ones.

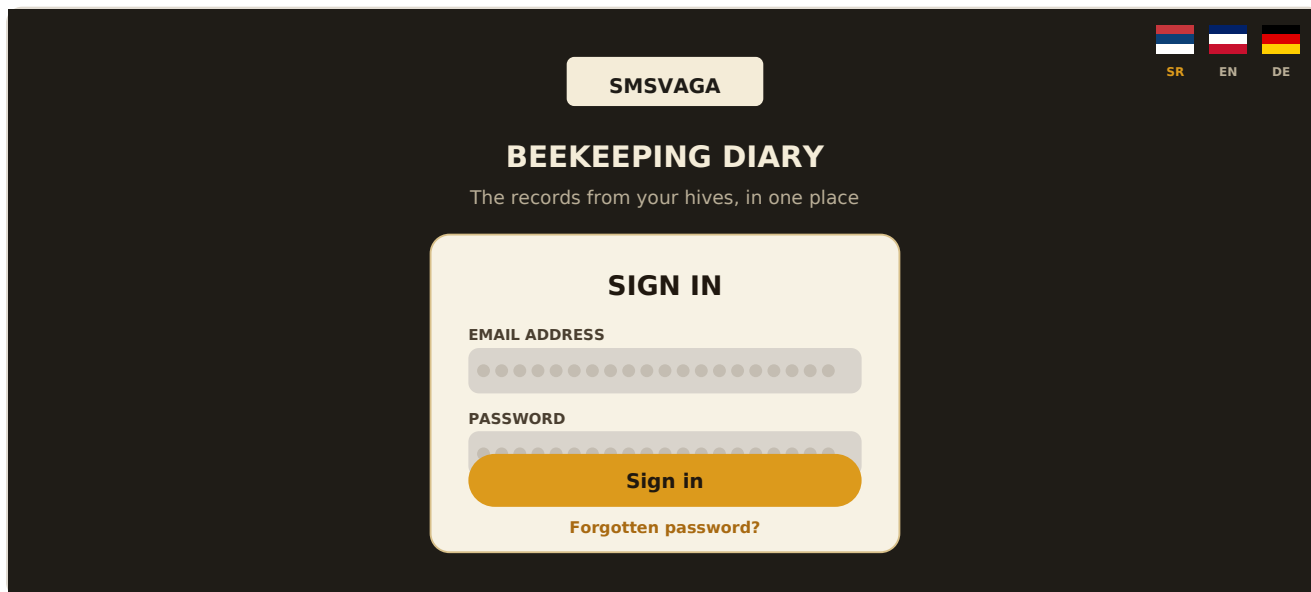
How it all fits together

- **Apiary** — the place where you keep hives. It has a name, a location on the map, a holding number and a way of being kept.
- **Hive** — an individual colony within an apiary, with its own registration number.
- **Record** — one piece of work done on that hive on a given day.
- **Health measures** — a separate overview of every treatment, across the whole operation.

Signing in uses the same details as the SMSVaga portal and the mobile app. There is no separate password for the diary, and changing the password in one place applies everywhere.

1. Signing in

Open dnevnik.smsvaga.com and enter the email address and password of your SMSVaga account.



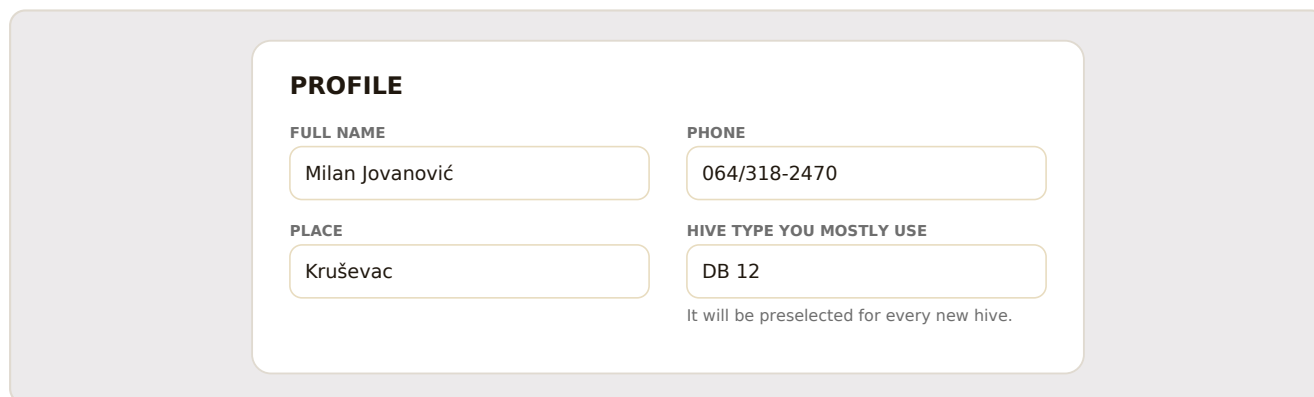
The sign-in page — the credentials are blurred on purpose

What else is on this page

- **Language** — three flags in the top right corner: Serbian, English and German. The choice is remembered.
- **Forgotten password** — the instructions come from the SMSVaga portal, because the account is the same.
- **Request an account** — for beekeepers who do not have our scale. We approve accounts by hand.

2. Your details

On your first sign-in the diary asks for a few basic details. Later they are changed with the Profile button in the top bar.

A screenshot of the 'PROFILE' form in the SMSVAGA app. The form is white with rounded corners and is set against a light gray background. It contains four input fields arranged in a 2x2 grid. The top-left field is labeled 'FULL NAME' and contains the text 'Milan Jovanović'. The top-right field is labeled 'PHONE' and contains '064/318-2470'. The bottom-left field is labeled 'PLACE' and contains 'Kruševac'. The bottom-right field is labeled 'HIVE TYPE YOU MOSTLY USE' and contains 'DB 12'. Below the 'HIVE TYPE' field, there is a small note: 'It will be preselected for every new hive.'

Profile

- **Full name** — the only required field. It appears in the top bar and in requests to share a scale.
- **Phone and place** — optional, to make arranging things easier.
- **Hive type** — the type you usually run. It will be preselected each time you add a hive, so you do not choose it again.
- **Email** — not changed here; it is the address of the SMSVaga account.

Under Profile there is also Sharing scales with other beekeepers — the list of permissions you have granted and those you have requested.

3. Apiaries

The diary starts with an apiary. The + Add apiary button sits in the top bar and is available from every page.

NEW APIARY

APIARY NAME *

Samar

PLACE

Ribarska Banja

HOLDING NUMBER

710482935176

TERRAIN

Forest

HOW IT IS KEPT


Stationary


Pavilion


Platform


Trailer


Lorry


Container

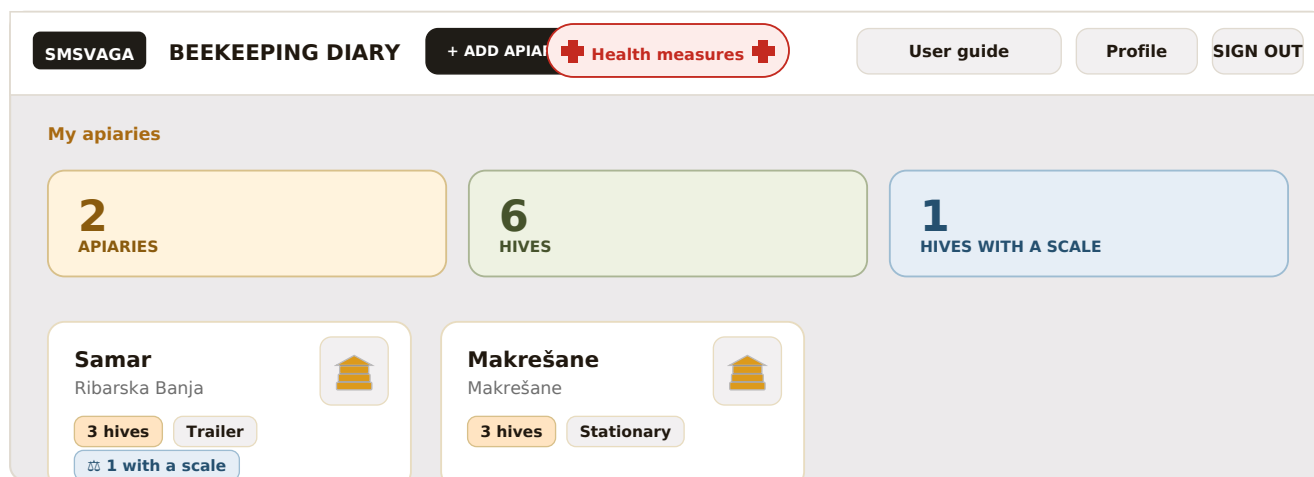
New apiary

What each field means

- **Name** — the only required one. You recognise the apiary by it in the list.
- **Place** — the village or hamlet; it fills in by itself when you pick a place from the map search.
- **Holding number** — the twelve-digit veterinary number under which the apiary is registered with the veterinary authority.
- **Terrain** — lowland, hills, mountain, forest or a built-up area.
- **How it is kept** — a stationary apiary stays in one place all year; everything else is a form of migratory beekeeping. The chosen picture then appears on the apiary card.
- **Location on the map** — type a place and press Enter, pick from the list, or click the map directly. There is also a Use my current location button.

Deleting an apiary requires you to type its name. That prevents a single stray click from taking away access to all of its hives and records.

4. The list of apiaries



The home page after signing in

What you see

- **Three tiles** — the total number of apiaries, the total number of hives, and how many of them have a scale.
- **The apiary card** — name, place, the picture of how it is kept, number of hives, holding number and a mark that it is recorded on the map. A click opens the apiary.

5. Hives

Inside an apiary the + Add hive button opens the form. The hive type is already chosen from what you entered in Profile.

NEW HIVE
HIVE REGISTRATION NUMBER *

062

NAME (OPTIONAL)

medium

HIVE TYPE

DB 12

QUEEN YEAR

2025

☒ THIS HIVE HAS AN SMSVAGA SCALE

SCALE IMEI

864080078939458

New hive — with the scale ticked

Fields

- **Registration number** — the number on the identification plate fitted by an authorised marker. If you do not have one, use your own running number. The same number cannot repeat within one apiary.
- **Name** — optional, to recognise the hive more easily („medium“, „strong by the willow“).
- **Type, date, queen** — the hive type, when it was placed, and the year and origin of the queen.
- **This hive has an SMSVaga scale** — when ticked, the IMEI field opens. The field accepts digits only and stops at fifteen. Scales on your account are offered as suggestions.
- **Colour** — the colour of the hive in the drawing, so they are easier to tell apart in the list.

The scale must be assigned to your account in the mobile app or the SMSVaga portal. If the scale belongs to someone else, the diary offers to request permission from the owner.

HIVES (3)


047
medium


018
medium

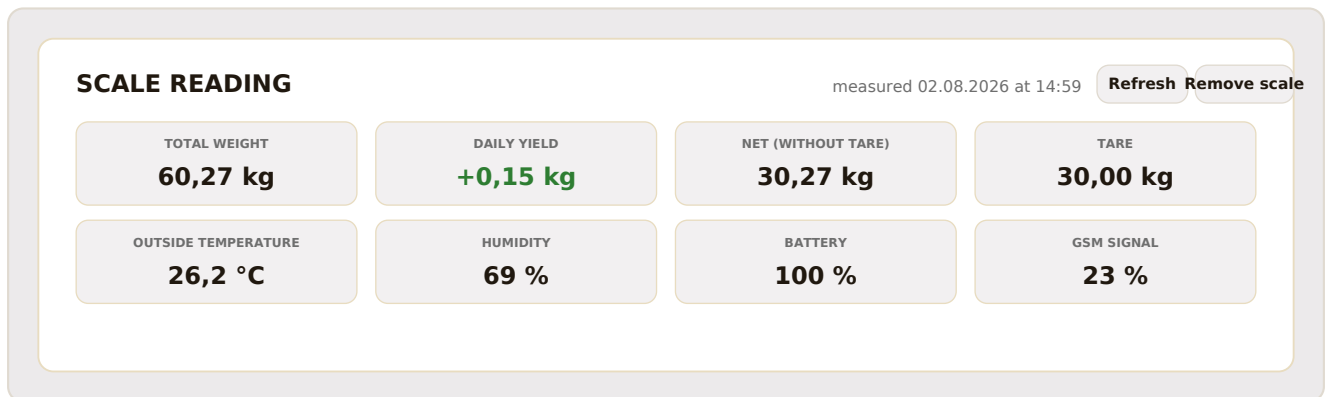

062
medium
SCALE

Hives in an apiary — the one with a scale stands raised

Hives sit in a grid, five to a row. A hive with a scale is drawn raised — standing on the scale — so it is told apart at a glance. The dot in the corner shows how long ago the last record was made: green up to three weeks, amber longer, grey never.

6. The hive card and the scale reading

Clicking a hive opens its card. If it carries a scale, the diary immediately pulls the latest reading from the SMSVaga portal.



Scale reading

What each figure means

- **Total weight** — the gross weight the scale measures: the hive with everything in it.
- **Daily yield** — how much the colony has brought in since the morning reference hour. It is the sum of the differences between consecutive readings, skipping jumps larger than 2 kg — an added super or an extraction is not yield. A negative yield is printed in red.
- **Net and tare** — the tare is the sum of the hive parts entered in the scale settings; the net is the difference.
- **Temperatures and humidity** — only those your scale actually measures are shown.
- **Battery and GSM** — the state of the device, as a percentage.

Readings are not copied into the diary. They are requested from the SMSVaga portal every time, so they match the mobile app. The Remove scale button takes the scale off the hive — the readings on the portal stay untouched and the scale can later be added to another hive.

7. The hive diary

Below the card is a row of buttons — each opens a form for one type of record. The date is always the first field and is written in our form (dd.mm.yyyy), with a calendar beside it.

Colony inspection

A routine inspection. Four scores from 1 to 5 — colony strength, amount of brood, food stores and calmness on the frame. Alongside them the number of frames with bees and the number of supers, then tick boxes for observations: queen seen, eggs present, queen cells, signs of swarming, suspected disease, foundation added.

Health measure

Everything done for the health of the colony. First the area is chosen (varroa, nosema, chalkbrood, foulbrood, wax moth, disinfection, analysis, veterinary inspection), then the product from a list grouped by active substance. Covered in detail in chapter 8.

Varroa check

Counting the natural drop. You enter the number of fallen mites and over how many days, and the diary works out the daily drop. More than ten mites a day is a sign that treatment cannot wait.

Feeding

The kind of feed (sugar syrup 1:1 or 2:1, inverted syrup, fondant, honey, pollen patty) and the amount in kilograms or litres.

Extraction

The yield in kilograms, the number of frames extracted and the flow — acacia, linden, sunflower, oilseed rape, meadow, forest honeydew, chestnut, phacelia.

Queen

The action taken with the queen (replacement, introduction, marking, removal), her year and her origin — your own rearing or who she was bought from.

Migration

From which location to which. If you pick another apiary from the drop-down list, the hive is moved there straight away and its whole diary goes with it.

Note

Free text for anything that does not fit the other types.

An action on several hives writes the same record into every ticked hive at once — useful when feeding or treating a whole apiary. The apiary diary shows all records from all of its hives, newest first.

8. Health measures

The button with the red cross in the middle of the top bar opens the health overview of the whole operation — everything that has been done, across all apiaries, in one place.

What it is for

This is not advice on how to treat your colonies. What is kept here is a record of what you have done: which product, when, on which hive, at what dose and with what withdrawal period. For every product the diary remembers the active substance, the form, the usual method of application and the recommended period, and those fields fill in by themselves as soon as you pick the product.

Dosage and withdrawal period are deliberately left out of the product list itself. They differ by pack size and by country, and a wrong figure could harm the colony or make the honey unfit. The manufacturer's instructions are what counts — the diary keeps what you entered.

Why the active substance is tracked

Varroa builds resistance to a substance that is repeated. That is why products are grouped by substance rather than by form: under „Amitraz“ sit Apivar, Amivar and the smoke strips; under „Thymol“ Apiguard and Api Life Var. The Health measures page has a table of which substances were used in which year and how many times. If the same one repeats, the diary warns that the next treatment should be planned with a different substance.

Areas

- **Varroa** — the most common reason for treating, with the full list of products.
- **Biotechnical measure against varroa** — without chemistry: removing drone brood, caging the queen, a brood break, making nuclei, catching a swarm.
- **Nosema** — plant-based products and strengthening the gut flora. In most countries antibiotics are not permitted.
- **Chalkbrood** — not treated with products; the measures are recorded: replacing the queen, strengthening the colony, ventilation, removing infected frames.
- **American and European foulbrood** — not treated. What is recorded is the report to the veterinary service, the sample sent for analysis and the measures imposed.
- **Wax moth** — comb in storage is protected: freezing, sulphur, acetic acid, B401.
- **Equipment disinfection** — flaming, lye, acetic acid, paraffin dipping.
- **Laboratory analysis and veterinary inspection** — a record of samples and inspections.

Your own products

The Product list button opens the whole catalogue. The built-in products cannot be changed, but you can add your own — with a name, active substance, form, method of application and a mark whether it is allowed while supers are on the hive. A new product can also be added from the form itself, through the link „Add it to the list“, without losing what you have already entered.

9. Someone else's scale

Several beekeepers often keep hives in the same place while only one of them has a scale. The diary lets the others see its readings — but only with the explicit consent of the owner.

How it goes

- **1. The request** — at the hive you enter an IMEI that is not on your account. The diary reports that the scale is not yours and offers „Request permission from the owner“. You may add a message.
- **2. The message** — the owner receives an email with a link. They see who is asking, for which scale, and your message.
- **3. The decision** — the owner opens the link, signs in with their own SMSVaga account and chooses Allow or Decline. Signing in is required — that is how we know it is the owner deciding.
- **4. In use** — once granted, the scale works just like your own, only it carries a blue mark „shared scale“ with the owner's name.

Whoever the scale is shared with sees only the readings of that one scale — weight, daily yield, temperature and humidity. They do not see the owner's hives, records or other scales. The owner can withdraw permission at any time, under Profile → Sharing scales.

10. Small things worth knowing

- **Language** — Serbian, English and German, by the flags on the sign-in page. The choice is remembered and shared with the portal.
- **Dates** — typed as 02.08.2026; the dots are added for you. Beside every field there is a calendar.
- **Withdrawal period** — when entered, the hive card shows a warning that honey must not be extracted before that date.

11. Data and privacy

The data controller is OPTICAL d.o.o. of Kruševac, Serbia. The data you enter into the diary is processed solely for the purpose of providing the service itself — keeping the records of your apiaries, hives and health measures — and for no other purpose.

- **Where it is kept** — data is stored and processed on servers in Europe, with contracted service providers operating in accordance with the General Data Protection Regulation (GDPR) and the applicable national data protection law. No transfer outside that area is carried out without an appropriate legal basis.
- **Backups** — backups are made daily and held with a contracted storage provider under the same protective conditions. The retention period is two years, after which older copies are removed.
- **Who has access** — only you. Staff of the controller access the data solely where necessary for technical support or fault resolution, and are bound by confidentiality.
- **Sign-in records** — for the protection of the account and to see how much the diary is used, the time of each sign-in and the email address of the account are recorded. These records contain none of the content of your diary and are removed after two years.
- **Sharing with others** — data is not disclosed to third parties. The only exception is a scale you yourself decide to share with another beekeeper, and then solely on your explicit consent given through the application, which you may withdraw at any time.
- **Scale readings** — these remain on the SMSVaga portal and are not duplicated in the diary; they are retrieved at the moment of display each time.
- **Your rights** — you have the right of access to your data, and to its rectification, erasure, restriction of processing and portability. Requests are addressed to smsvaga@gmail.com and are acted upon without undue delay.

Records are kept for as long as you hold an account. On deletion of the account the data is removed, save for what we are required to retain by law. This section is a summary; the full terms of use and privacy policy are available on request.

Something not working as it should?

Write to us at smsvaga@gmail.com
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