

Training in organic seed quality & health

Module 16: **OHM: General introduction, seed production and traceability**

Unit 16.2: **OHM: Seed production and traceability**

Author: **Mária Megyeri, ÖMKi**



Co-funded by
the European Union

Funded by the European Union, the Swiss State Secretariat for Education, Research and Innovation (SERI) and UK Research and Innovation (UKRI).



UK Research
and Innovation

Seed production of OHMs

Maintain **heterogeneity**

Under **organic** cultivation

Maintain in bulk population

Dynamic management

Seed saving by farmers

Practical questions:

Elimination off-types

Changes could happen

OHM description



Notified OHMs in Europe

Species	Number of OHM	Origin
Wheat (winter/spring)	9	Austria, Denmark, France, Germany
Rye	3	Austria, Germany
Maize	8	Austria, Czech Republic, Germany
Pumpkin	1	Czech Republic
Common bean/Runner bean	4	Czech Republic, Slovenia
Faba bean	1	Czech Republic
Tomato	2	Czech Republic
Eggplant	1	Czech Republic
Lettuce	1	Czech Republic
Pepper	1	Czech Republic
Spinach beet or chard	1	Slovenia

Source: <https://www.geves.fr/variety-seed-expertise/organic-agriculture/organic-heterogeneous-material/>

OHM on the market

OHM may be marketed following the **notification**.

Description of OHM

1. Phenotypic and agronomic characteristics
2. Type of technique used for selection/production
3. Parental material
4. Selection and management on the farm site
5. Country and year of production; climatic and soil conditions

Quality standards

- same as all other types of seeds on the market
- no official certification
- responsibility of operator (e.g. lower germination: indicate on label)

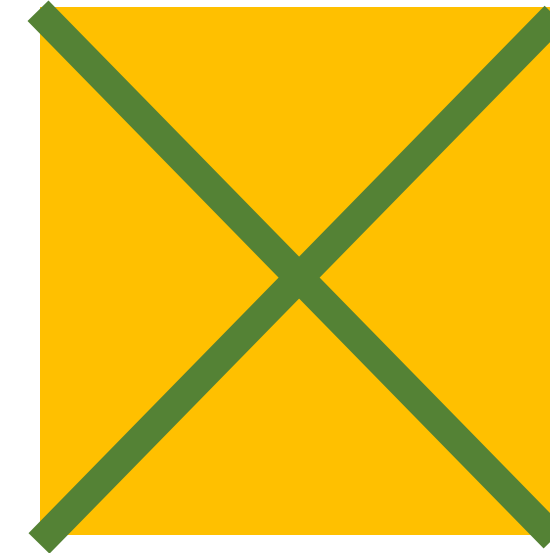
OHM on the market

Packaging

- small packages (> 30 kg) without special closing
- larger packages must be closed

Labelling

- Yellow label with green diagonal cross: general information of OHM seed (name of OHM, producer, country of production, etc.)
- Print all information on the package
- Label in the (small and transparent) package.



Derogation

OHM seed may be supplied directly to end users in unmarked and unsealed packaging

More information: Organic Heterogeneous Material – A new marketing regime for diversified seed populations. Seeds4All

https://opensourceeds.org/sites/default/files/bilder/BLOG/OHM_LLD_Booklet_S4A.pdf

Traceability

Keeping documents for 5 years:

- A copy of the notification file;
- A copy of the declarations made in the context of the organic certification controls;
- A copy of the organic certificate;
- Information allowing the identification of operators

OHM register:

- Species and denomination of the notified OHM;
- Type of technique used for the production of the notified OHM;
- Description of the notified OHM;
- Place of breeding of the notified OHM;
- Place of production and areas used for production of the notified OHM;
- Quantities produced of the notified OHM.

Source: Organic Heterogeneous Material – A new marketing regime for diversified seed populations. Seeds4All

https://opensourceeds.org/sites/default/files/bilder/BLOG/OHM_LLD_Booklet_S4A.pdf

Traceability

Digital tool to assist breeders, seed producers, seed traders and authorities in ensuring traceability and notification of the OHM : **"OHMTrack"**

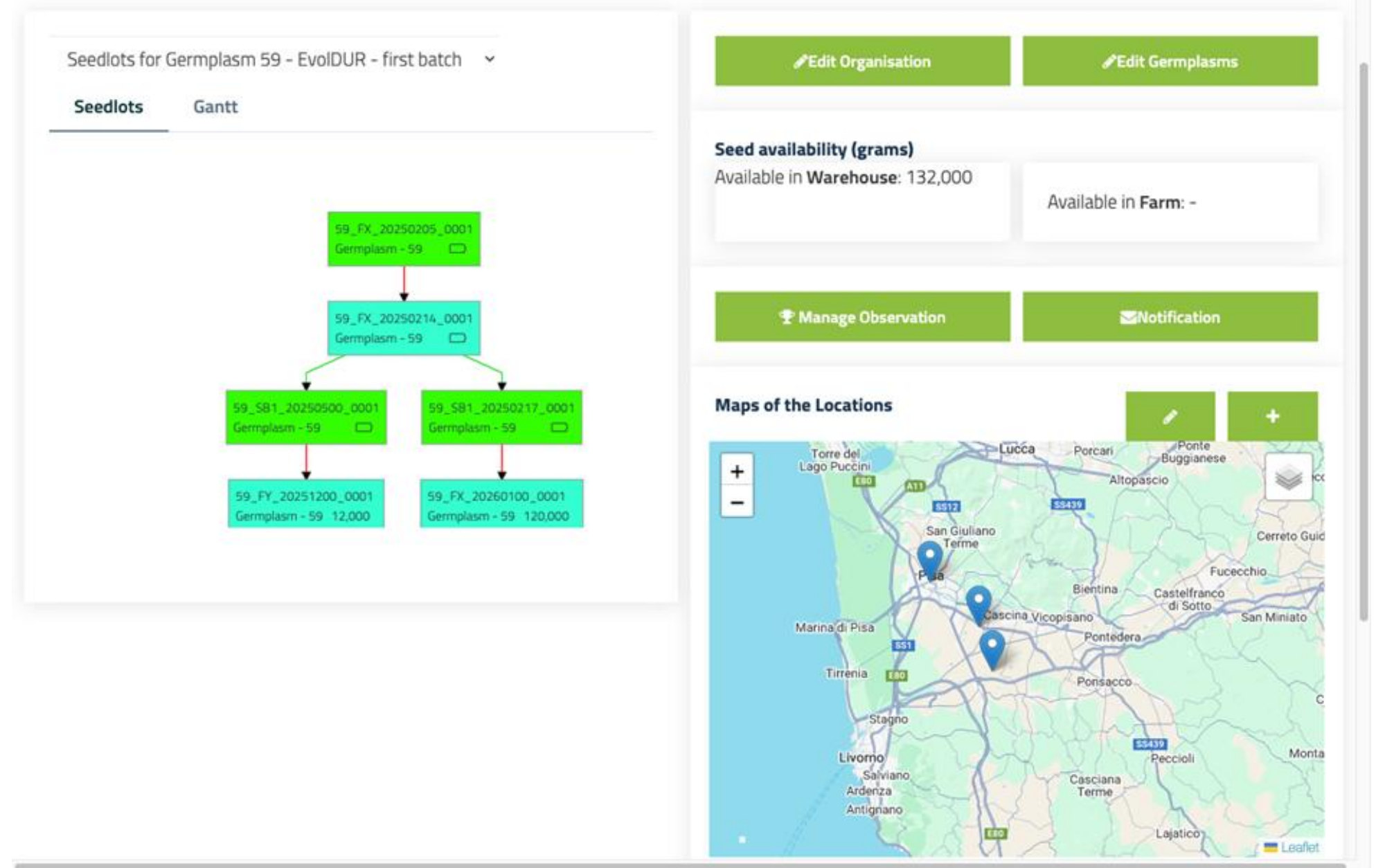
- Support breeders, seed producers, seed traders and authorities in tracking OHM traceability;
- Trace the seed lots exchange between different organizations;
- Streamline the process of OHM notification.

More information:

Liveseeding Training module 17, Unit 17.1

Diego Guidotti Tracking OHM: A digital tool for the notification, traceability of OHM seed. Digital tools to manage OHM traceability.

OHMTrack - My Great Seed Farm



What have we learned today?

What is OHM?

Why it is good to produce?

How can we produce OHM seed?

How can we track OHMs?

Please fill the quiz!

Email: maria.megyeri@biokutatas.hu



LiveSeeding

Thanks for your attention!

