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2nd International GRAB-IT workshop

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Database of organic juveniles for aquaculture

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Abstract

The last available new EU Regulation proposal on organic farming was taken into account for the preparation of a database reporting the market availability of juveniles/eggs of fish, crustaceans and molluscs produced and raised organically.

The database is conceived as an open source web-tool with a graphical interface that aims to guide the user (organic operator) in the registration / login operations, search through custom filters, data visualization, print and export of the searches carried out.

Entering data, modification and deletion in the database archives can be managed only by the system manager.

The information can be entered in the database, at the request of the organic operator, by using specific forms (i.e. Application for registration; Request for modification; Request for cancellation).

The database will be updated on demand of the organic operator. The system manager will supervise on the time validity of the information, deleting records no longer available.

The database provide the following information:

1. The scientific name of the species, the national and English nomenclature;
2. The specification that are eggs, or juveniles of fish, crustaceans and molluscs;
3. The date of production, the batch identification and the supposed period of availability;
4. The amount available;
5. The name and details of the producer;
6. The EU code;
7. The country, where eggs/juveniles are produced (possibly the GPS position of the farm);
8. The health status (Council Directive 2006/88 EC);

The database is structured in a bilingual way, i.e. the information is entered in the language of the reference country, in addition to the English language.

The database can be centrally managed for all European countries or, alternatively, each individual national database can be managed locally. In the current demo version there is an Italian and an English database.