



Integrated Pest Management in Europe

QuantiPest: A collaborative platform for research on pest characterisation

<http://quantipest.endure-network.eu>

Aim of the QuantiPest platform

The aim of QuantiPest is to bring together the knowledge needed for **identification and quantification of pests and pest injuries in the field**. It will thus help researchers, engineers and technicians **design protocols** to characterise pest populations and pest injuries by providing **the most relevant information, references, methods and existing protocols**.

Diversified information

QuantiPest contains a **great range of different documents**: website links, article and book references, pictures, protocols, scales for pest and pest injury characterisation, statistical tool, training programs... They are presented in **3 main areas**:

1) Knowledge areas

User-friendly pages to provide information for the user on a given topic or specific tools, in 3 main sections:

- Pest and pest injury **identification**
- Pest and pest injury **quantification**
- Tools and methods for **sampling**

2) A documentary database

to store relevant references. The database is searchable by the user and any contributor can send documents thanks to a data entry form.

3) Interactive training programs

based on pictures, for learning or training sessions on pest or symptom identification and rating. New training programs using sets of multiple-choice questions can be developed with photos supplied by the contributors.

Benefits for researchers and crop protection specialists

- Help in the **development of protocols** on pest characterisation by organising existing relevant information
- Identification of possible **standardisation of protocols**. Facilitation and greater reliability of data collection in experimental networks
- Support for **methodological exchanges** and **collaborative research**
- Promotion of **grey literature and expertise** inside the European crop protection community
- Sustainability of the shared knowledge** on the long term

The QuantiPest platform is developed by the INRA Integrated Pest Management Network.

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