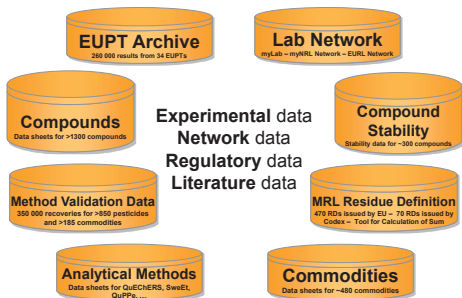


to Access Pesticide-Related Information

H. Zipper, D. Dörk, A. Barth, I. Sigalov, E. Scherbaum and M. Anastassiades

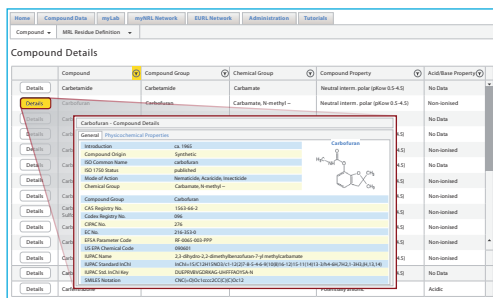
E-Mail: Hubert.Zipper@cvuas.bwl.de

Several sources of pesticide-related information already exist in literature and the internet. However, this information is dispersed among countless sources. In 2007 the EURLs for Pesticides Residues introduced the EURL-DataPool website with the aim to provide analysts with a convenient and efficient access to information needed for proper decision-making in pesticide residue analysis as well as to strengthen the network between EURLs, the NRLs and the official control laboratories. The EURL-DataPool consists of several databases (DBs) and allows the systematic collection and online retrieval of pesticide-related data:



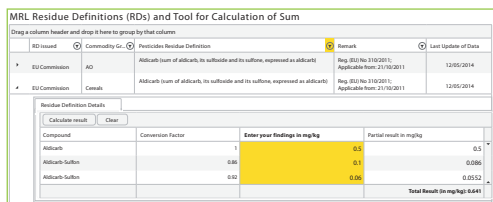
Compound DB

The Compound DB contains pesticide data sheets which enable an easy access to information about the physico-chemical and toxicological properties of pesticides as well as their analytical behavior during extraction, chromatography and detection:



MRL Residue Definitions DB

The MRL Residue Definitions DB was introduced containing the residue definitions (RDs) published by EU and Codex Alimentarius as well as the conversion factors in order to allow the calculation of the respective sum of components as stated in the RD. Having all RDs at a glance is convenient for the user and time-saving.



EUPT Archive DB

The EUPT-Archive DB was constructed to archive the results of EU Proficiency Tests (EUPTs) in order to evaluate the overall performance of laboratories and countries throughout EUPTs and/or years. The access of the laboratories to their EUPT-data via the myLab-site allows them to conveniently evaluate and demonstrate their long-term performance e.g., during audits.



Lab Network DB

The access-restricted Laboratory Network DB was designed to gather important information of all Network laboratories (e.g., official contact information, scope) in order to simplify the communication.



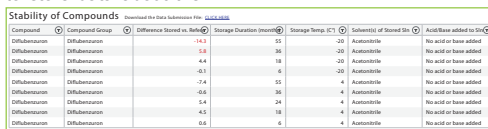
Method Validation DB / Compound Stability DB

With method validation and standard stability experiments being compulsory for accreditation purposes, numerous experiments are being performed by various laboratories to evaluate analytical procedures. Due to high costs and lots of labor involved, many laboratories are unable to conduct these experiments at the degree required.

The Method Validation DB has been developed to collect validation data produced in intra- and inter-laboratory validation experiments and help labs identify the capability of analytical methods and their deficiencies:

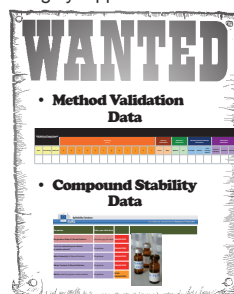


The Compound Stability DB aims to store data about the stability of pesticide standards in stock solutions, working solutions and in sample extracts and to help labs to choose proper storage conditions for their standards:



The EURL-DataPool already contains a lot of information, but data contribution by its users is highly appreciated.

Special Excel-based sheets were developed for data-submission to Method Validation DB and Compound Stability DB. These can be downloaded at www.eurl-pesticides-datapool.eu or www.eurl-pesticides-datapool-test.eu



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