News from the EURL Web-Portal and the EURL DataPool

Hubert Zipper

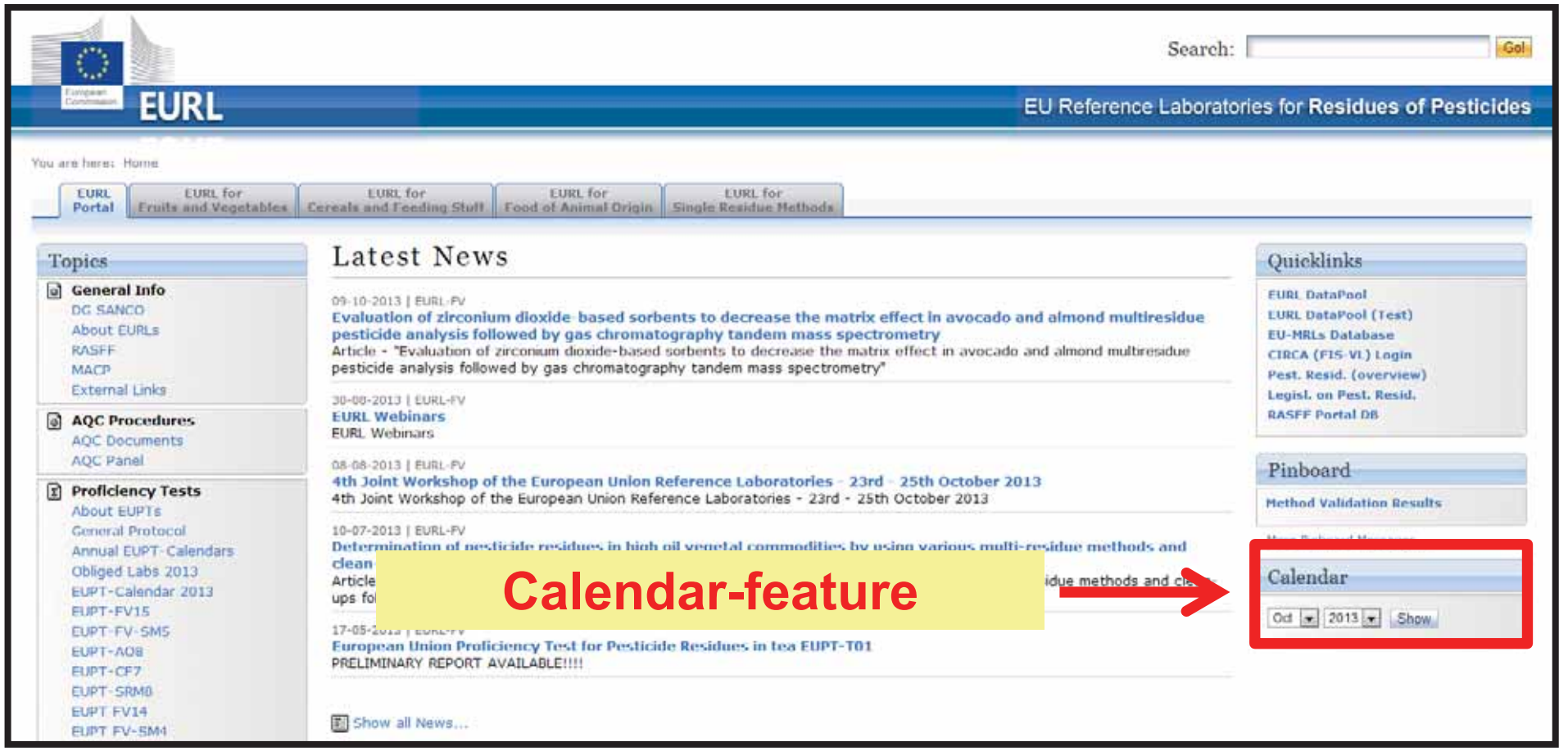
23.10.2013

EURL-SRM

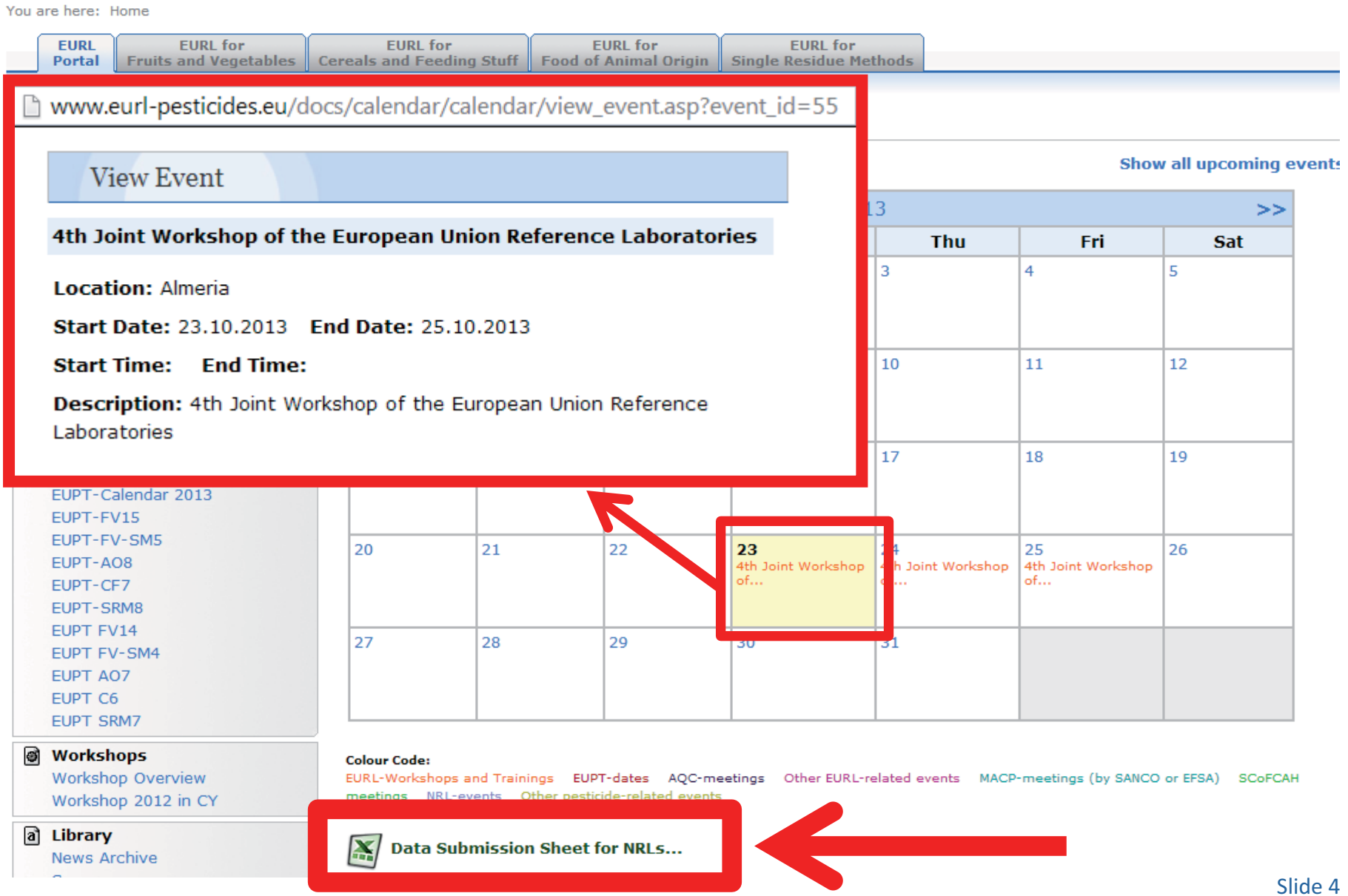
Outline

- **EURL Web-Portal**
  - Calendar
- **EURL DataPool**
  - Features of tables (filtering, sorting, …)
  - MRL Residue Definition Database
  - Compound Database
  - myLab
  - Data Submission
    -> Stability of Compounds

http://www.eurl-pesticides.eu



EURL-SRM Calendar



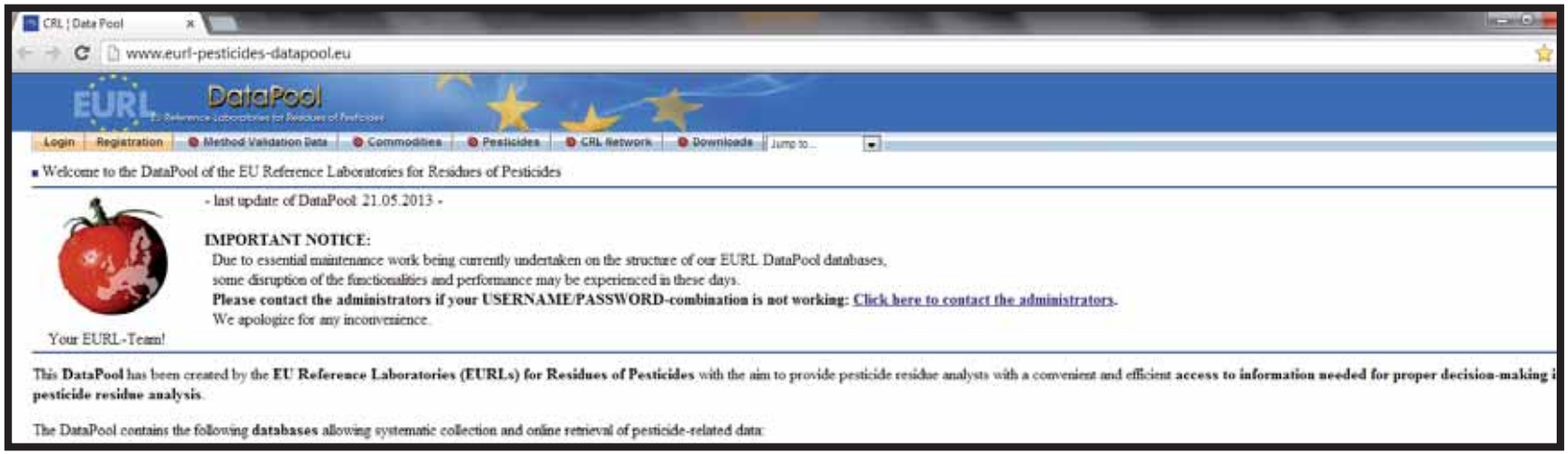
EURL-SRM Data Submission File for NRL-Events

	A	B	C	D	E	F	G	H
1	The NRLs for Pesticide Residues have the possibility to announce their upcoming events (workshops, trainings, PT-dates, ...) in our Calendar at the EURL Portal-Website (http://www.eurl-pesticides.eu). **Please fill-in the needed information and send this Excel-file to: EURL-SRM@cvuas.bwl.de** Your EURL-Team							
2	**Name of Event**	**Start Date**	**Start Time**	**End Date**	**End Time**	**Location**	**Description**	**Event Category**
3	**Example Dataset:**							
4	EURL-FV/CF/SRM: Workshop 2012 in Cyprus	12.11.2012	9:00:00 AM	13.11.2012	5:30:00 PM	Limassol/Cyprus	Joint Workshop organized by the EURLs for FV, CF and SRM	EURL-Workshops and Trainings
5	**Enter details about your events in the following lines:**							
6	NRL Workshop in Berlin	22.11.2013		24.11.2013		Berlin	Joint NRL-Workshop organized by the NRL for FV, CF, AO and SRM	NRL-events
7								
8								
9								
10								

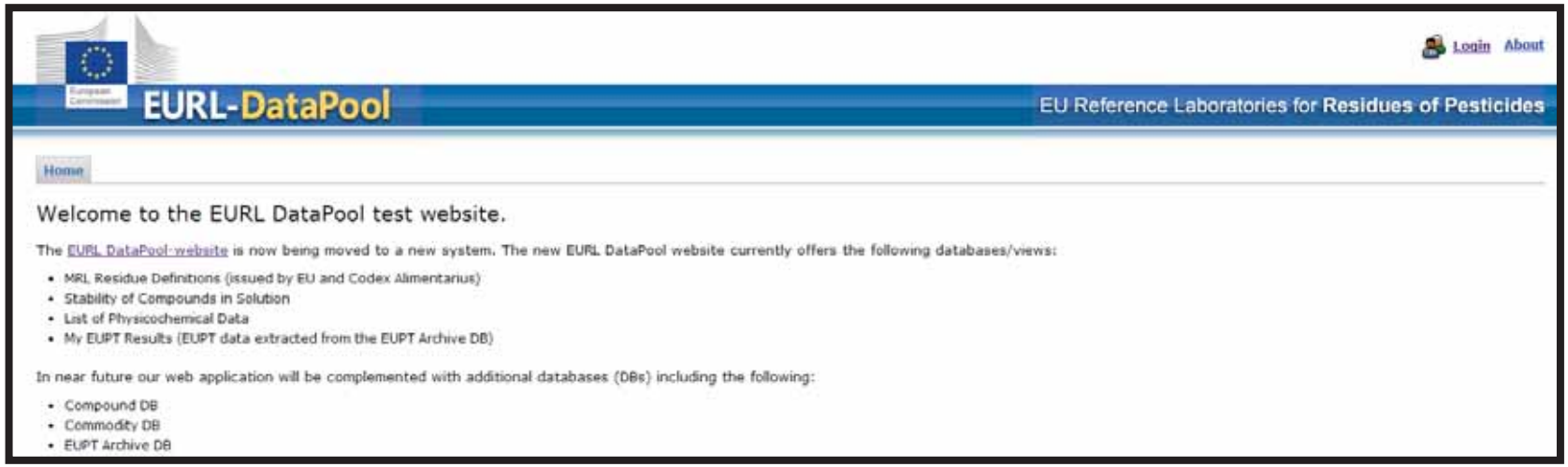
EURL-SRM

EURL DataPool

- www.eurl-pesticides-datapool.eu



- www.eurl-pesticides-test.eu



EURL-SRM

EURL DataPool - What kind of data is collected?

EUPT Archive

Lab Network

Analytical Methods

- **Literature** data
- **Experimental** data
- **Network** data
- **Regulatory** data

Compound Stability

Method Validation Data

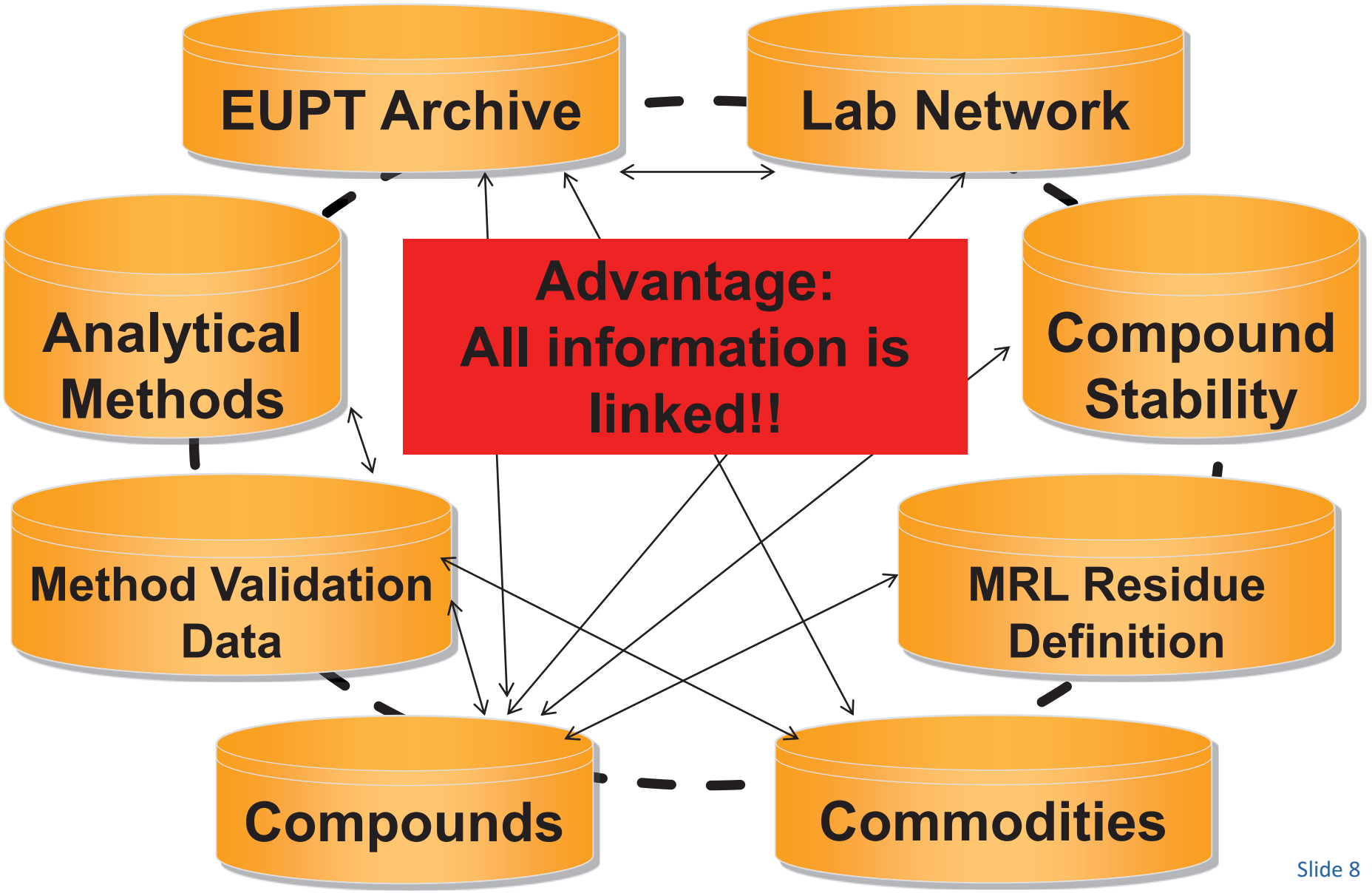
MRL Residue Definition

Compounds

Commodities

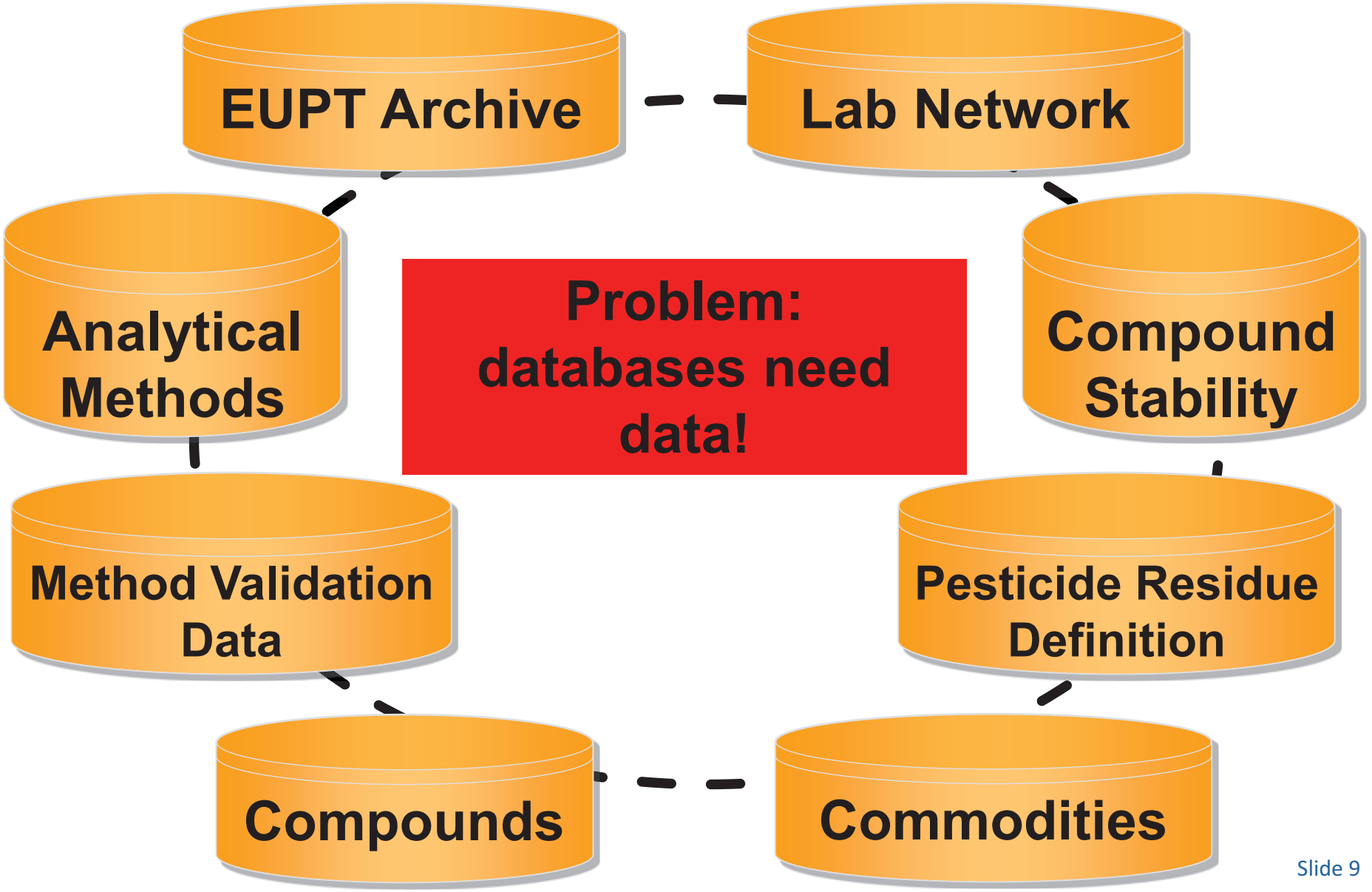
EURL-SRM

EURL DataPool - Pool of Databases



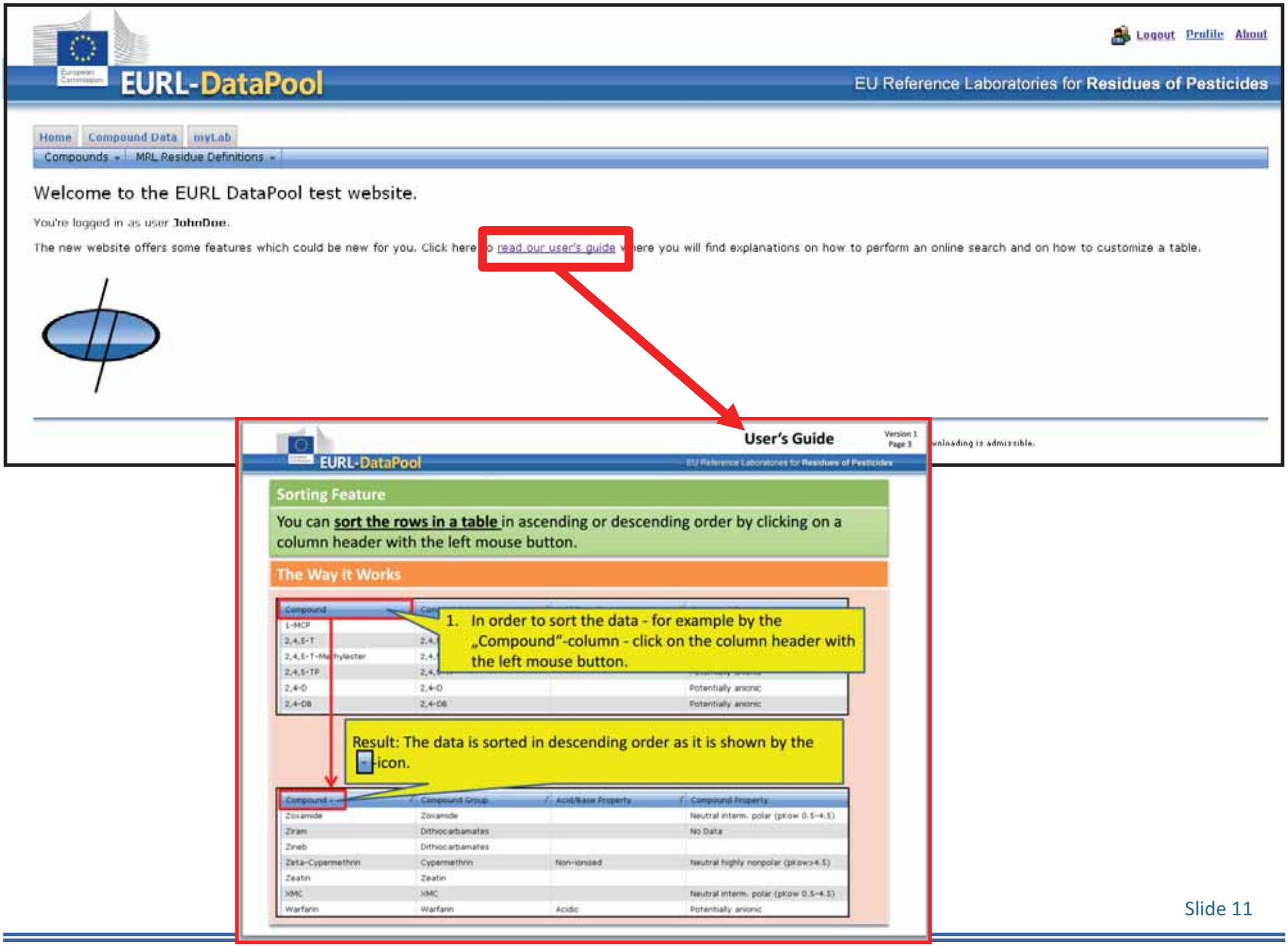
EURL-SRM

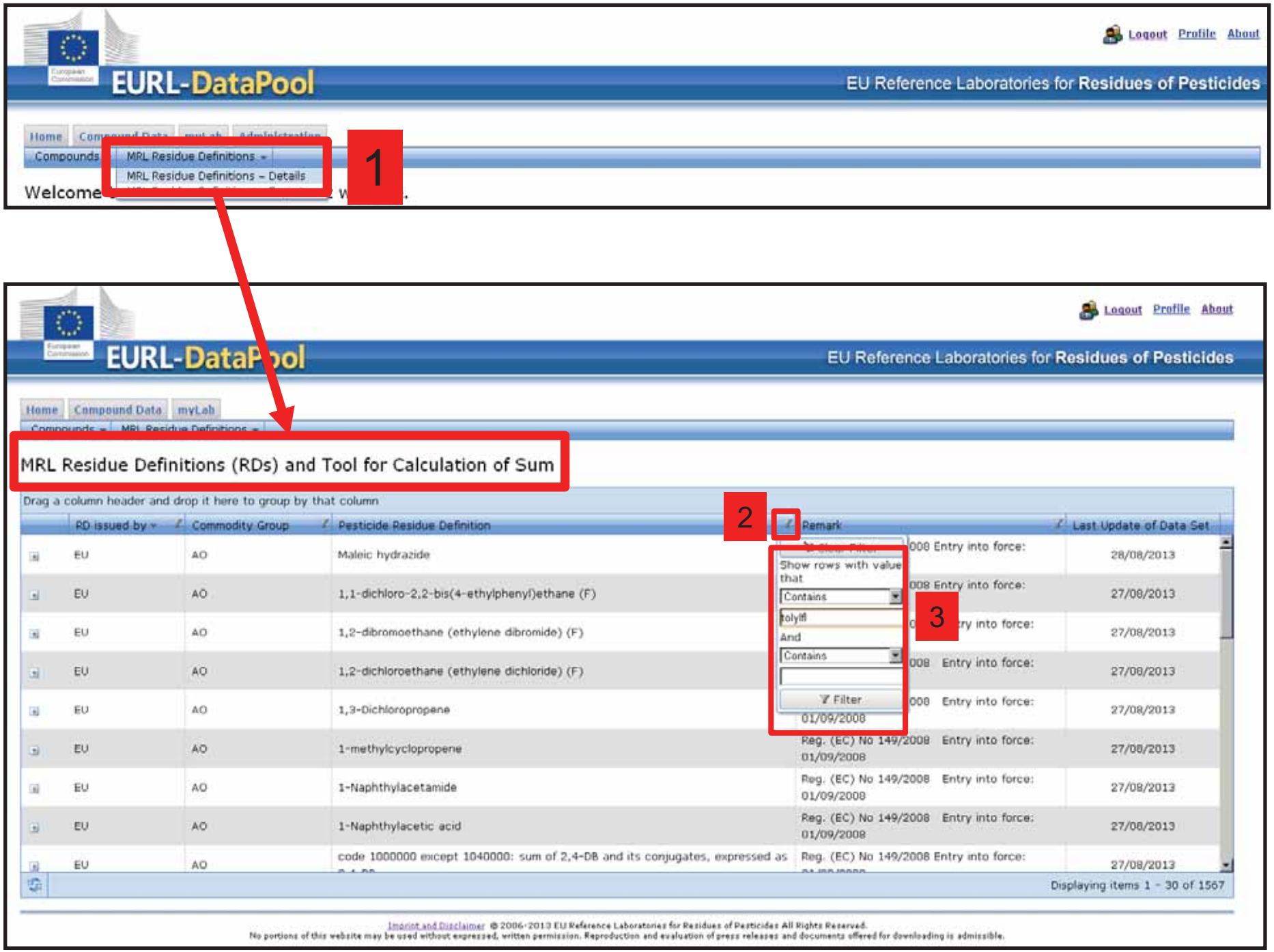
EURL DataPool - Pool of Databases



Go to

www.eurl-pesticides-test.eu


Logout Profile About
EURL-DataPool
EU Reference Laboratories for Residues of Pesticides
Home
Compound Data
myLab
Compounds
MRL Residue Definitions
Welcome to the EURL DataPool test website.
You're logged in as user JohnDoe.
The new website offers some features which could be new for you. Click here to read our user's guide where you will find explanations on how to perform an online search and on how to customize a table.
User's Guide
Version 1
Page 3
EURL-DataPool
EU Reference Laboratories for Residues of Pesticides
Sorting Feature
You can sort the rows in a table in ascending or descending order by clicking on a column header with the left mouse button.
The Way it Works
1. In order to sort the data - for example by the „Compound"-column - click on the column header with the left mouse button.
Result: The data is sorted in descending order as it is shown by the icon.
Compound
Compound Group
Acid/Base Property
Compound Property
1-MCP
2,4,5-T
2,4,5-TP
2,4-D
2,4-DB
Potentially anionic
Zoxamide
Neutral interm. polar (pKow 0.5-4.5)
Ziram
Dithiocarbamates
No Data
Zineb
Zeta-Cypermethrin
Cypermethrin
Non-ionised
Neutral highly nonpolar (pKow>4.5)
Zeatin
XMC
Warfarin
Acidic


Logout
Profile
About
EURL-DataPool
EU Reference Laboratories for Residues of Pesticides
Home
Compound Data
myLab
Administration
Compounds
MRL Residue Definitions
MRL Residue Definitions – Details
1
Welcome
MRL Residue Definitions (RDs) and Tool for Calculation of Sum
Drag a column header and drop it here to group by that column
RD issued by
Commodity Group
Pesticide Residue Definition
2
Remark
Last Update of Data Set
Show rows with value that
Contains
tolylfl
And
Contains
Filter
3
EU AO Maleic hydrazide 28/08/2013
EU AO 1,1-dichloro-2,2-bis(4-ethylphenyl)ethane (F) 27/08/2013
EU AO 1,2-dibromoethane (ethylene dibromide) (F) 27/08/2013
EU AO 1,2-dichloroethane (ethylene dichloride) (F) 27/08/2013
EU AO 1,3-Dichloropropene 27/08/2013
EU AO 1-methylcyclopropene Reg. (EC) No 149/2008 Entry into force: 01/09/2008 27/08/2013
EU AO 1-Naphthylacetamide Reg. (EC) No 149/2008 Entry into force: 01/09/2008 27/08/2013
EU AO 1-Naphthylacetic acid Reg. (EC) No 149/2008 Entry into force: 01/09/2008 27/08/2013
EU AO code 1000000 except 1040000: sum of 2,4-DB and its conjugates, expressed as Reg. (EC) No 149/2008 Entry into force: 27/08/2013
Displaying items 1 - 30 of 1567
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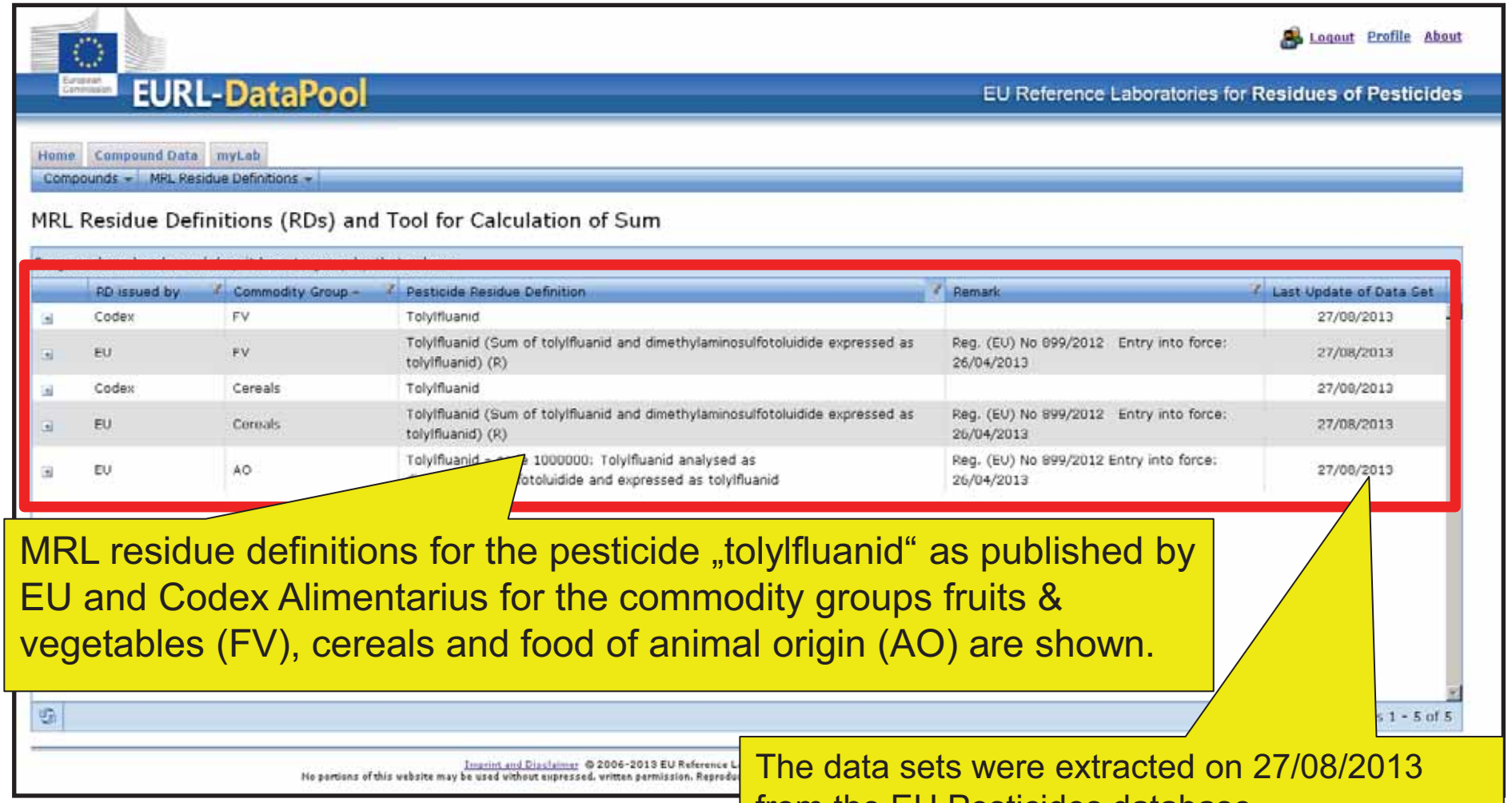
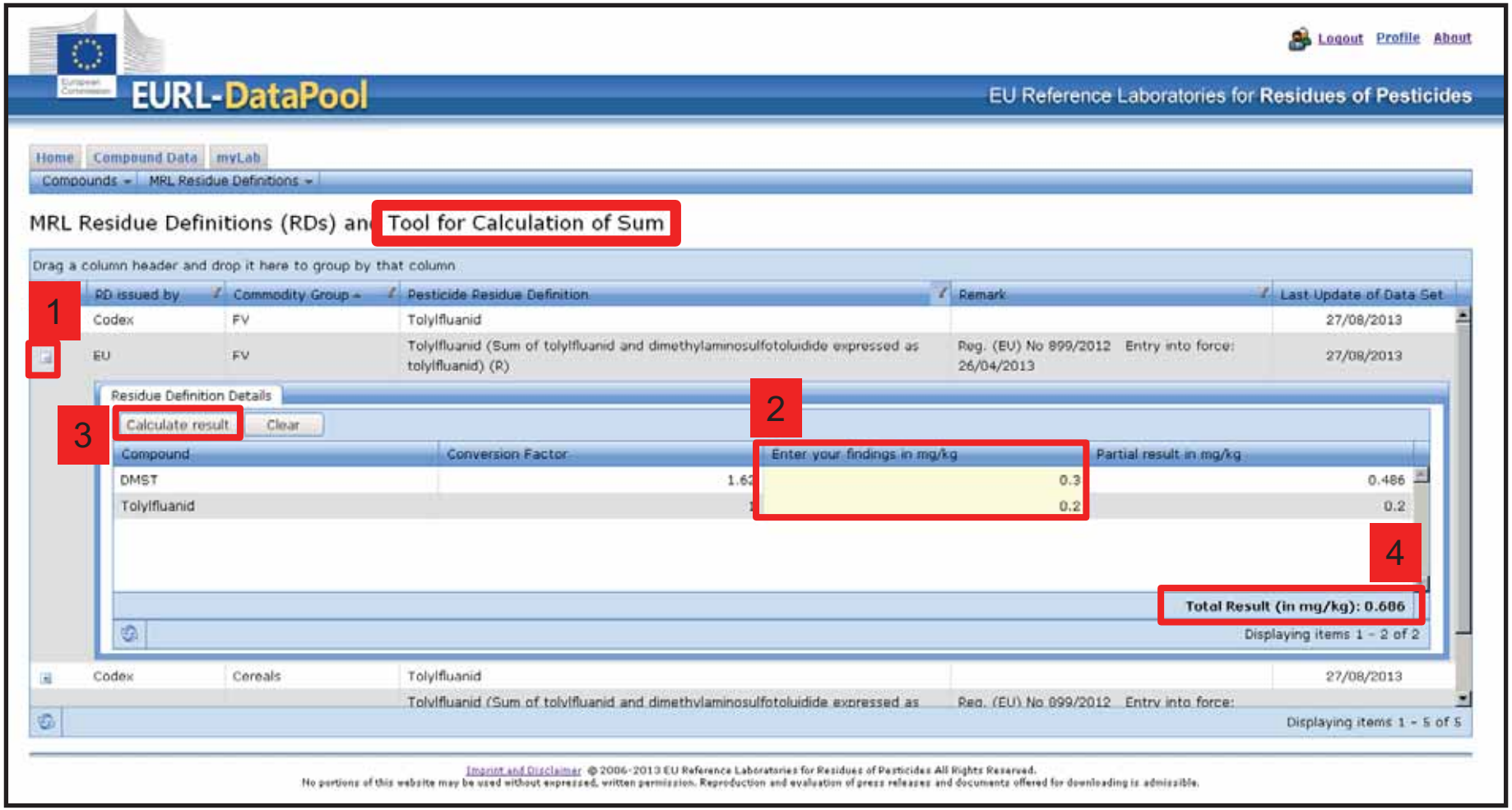


MRL residue definitions for the pesticide „tolylfluanid“ as published by EU and Codex Alimentarius for the commodity groups fruits & vegetables (FV), cereals and food of animal origin (AO) are shown.

The data sets were extracted on 27/08/2013 from the EU Pesticides database. (http://ec.europa.eu/sanco_pesticides/public/index.cfm)


Logout
Profile
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EURL-DataPool
EU Reference Laboratories for Residues of Pesticides
Home
Compound Data
myLab
Compounds
MRL Residue Definitions
MRL Residue Definitions (RDs) an
Tool for Calculation of Sum
Drag a column header and drop it here to group by that column
RD issued by
Commodity Group
Pesticide Residue Definition
Remark
Last Update of Data Set
Codex
FV
Tolylfluanid
27/08/2013
EU
FV
Tolylfluanid (Sum of tolylfluanid and dimethylaminosulfotoluidide expressed as tolylfluanid) (R)
Reg. (EU) No 899/2012 Entry into force: 26/04/2013
27/08/2013
Residue Definition Details
Calculate result
Clear
Compound
Conversion Factor
Enter your findings in mg/kg
Partial result in mg/kg
DMST
1.62
0.3
0.486
Tolylfluanid
0.2
0.2
Total Result (in mg/kg): 0.686
Displaying items 1 - 2 of 2
Codex
Cereals
Tolylfluanid
27/08/2013
Displaying items 1 - 5 of 5
1
2
3
4
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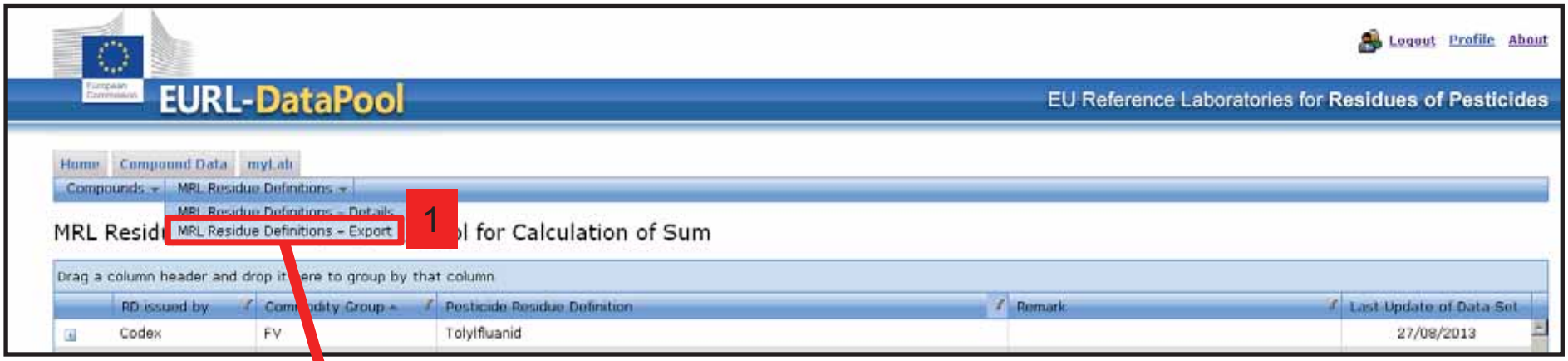
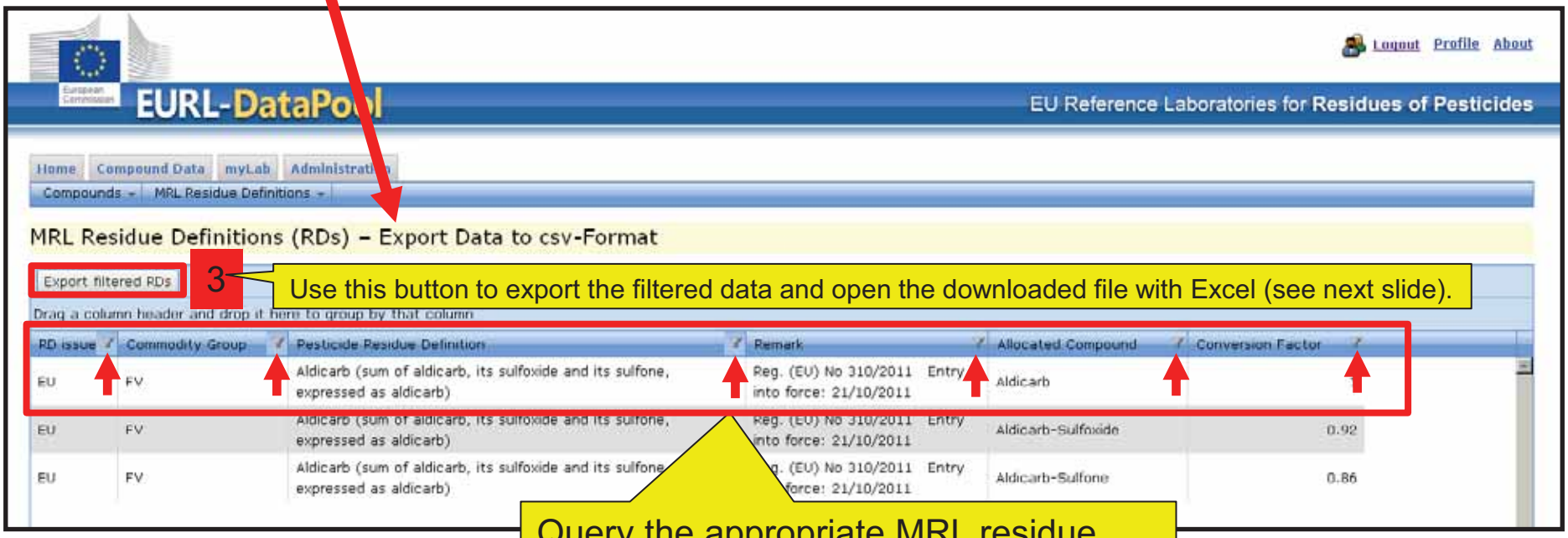
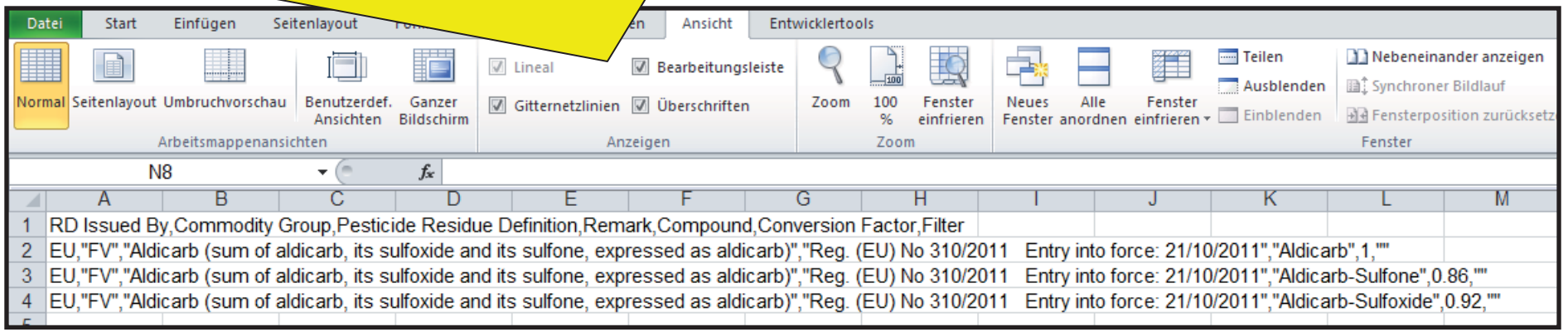




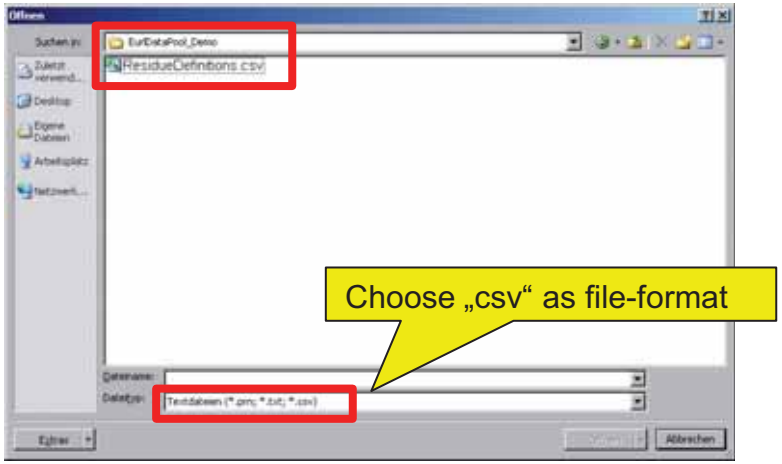
2 Query the appropriate MRL residue definitions using the **filter-function** in the column-header.

The filtered MRL residue definition data is downloaded as csv-format (comma separated values-format) on your computer.

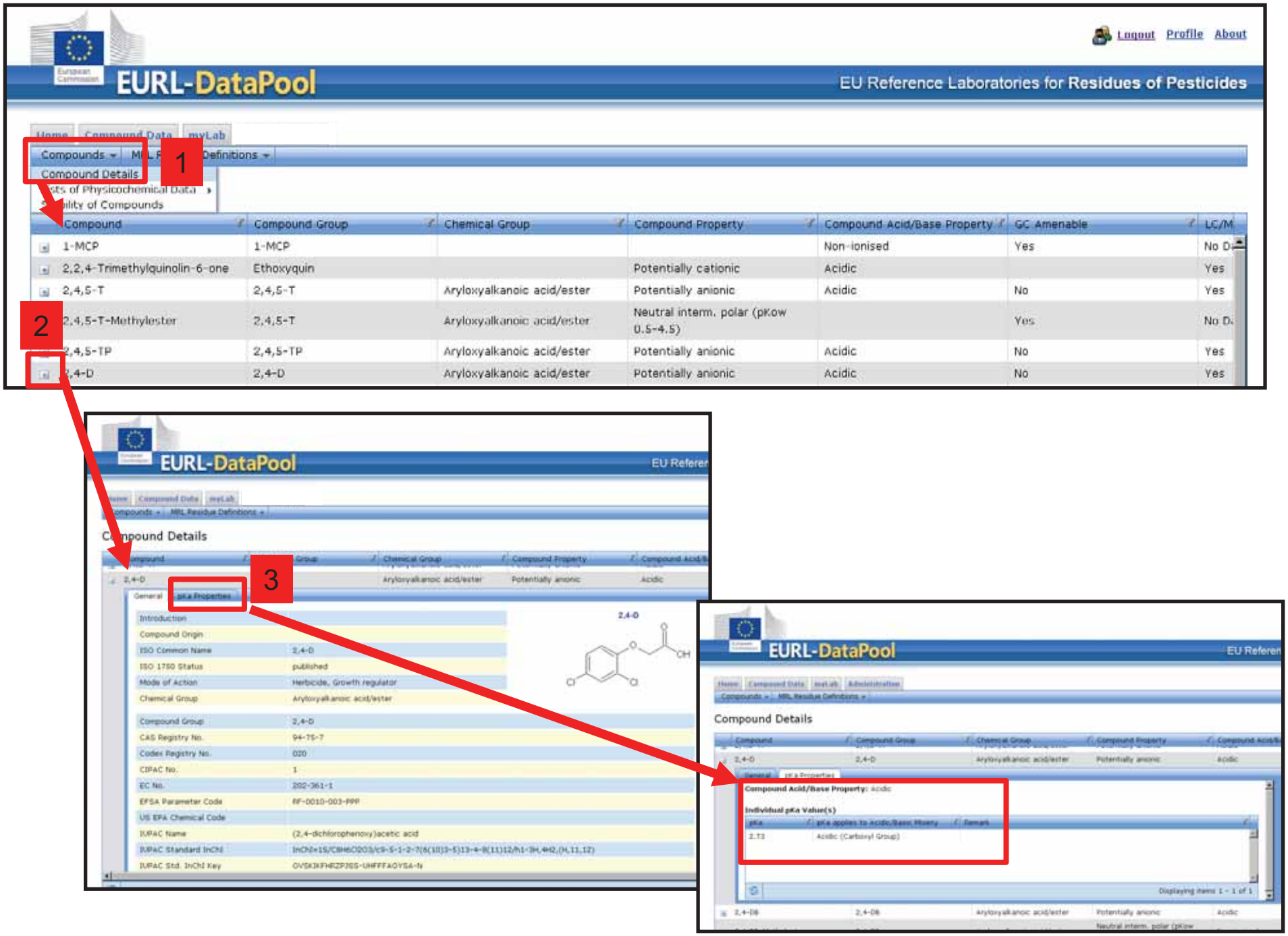


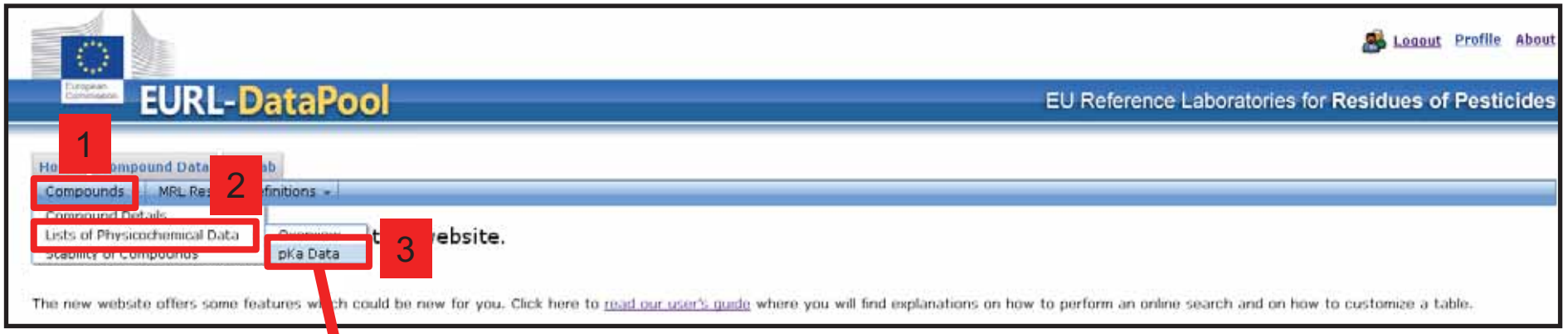
Follow these steps to import the data into the Excel-format:

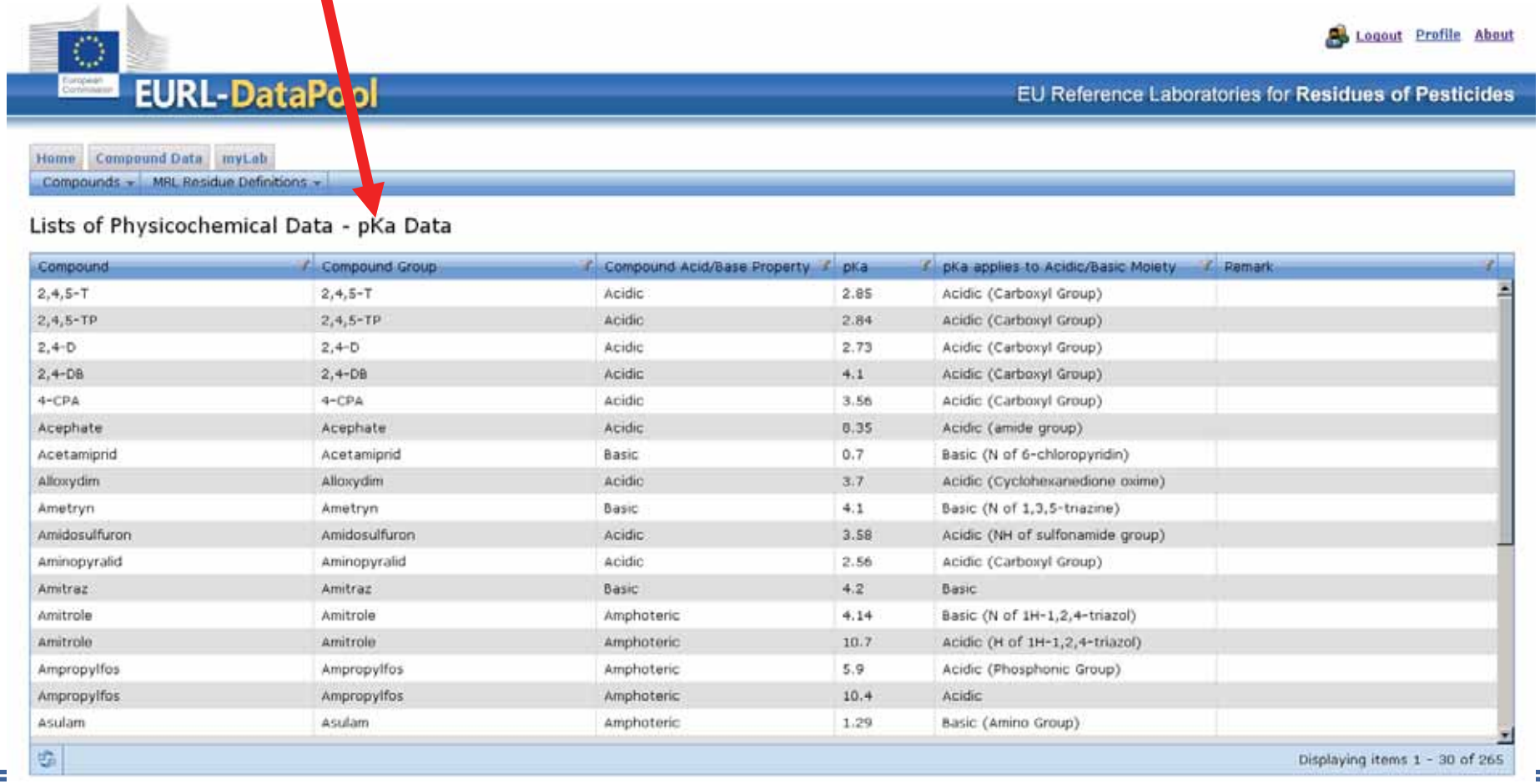
1. Open a new Excel-file.
2. Click on „Open file“ and navigate to the downloaded csv-file:



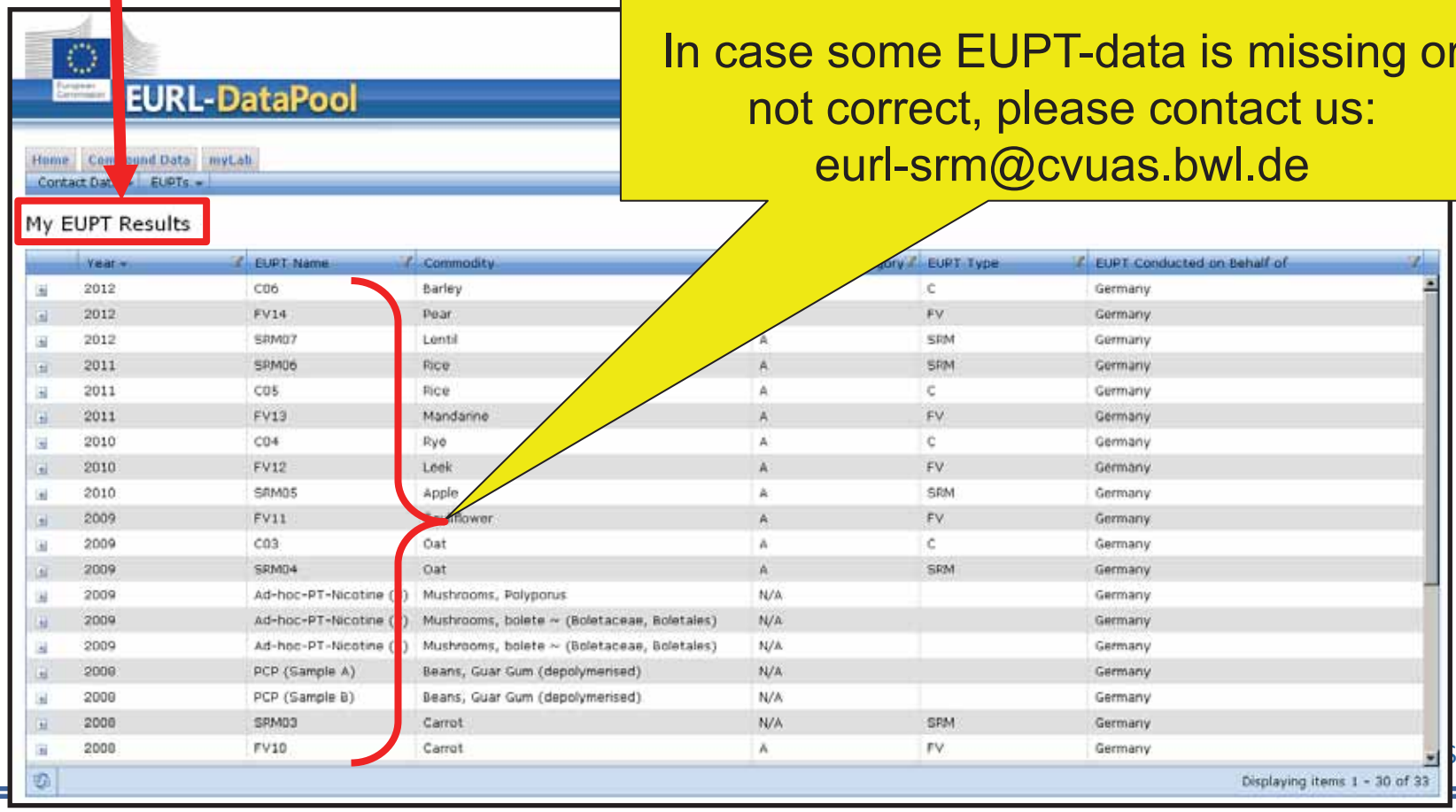
3. After clicking on „Open“, the Text Import Wizard will appear.
4. In the "Text Import Wizard - Step 1 of 3" window, select "Delimited" and click "Next".
5. In the "Text Import Wizard - Step 2 of 3" window, check the box next to "Comma" and click "Next".
6. In the "Text Import Wizard - Step 3 of 3" window, click “Finish“ button.


EURL-DataPool
EU Reference Laboratories for Residues of Pesticides
Logout
Profile
About
Compounds
Compound Details
1
2
3
Compound
Compound Group
Chemical Group
Compound Property
Compound Acid/Base Property
GC Amenable
LC/M
1-MCP
1-MCP
Non-ionised
Yes
2,2,4-Trimethylquinolin-6-one
Ethoxyquin
Potentially cationic
Acidic
Yes
2,4,5-T
2,4,5-T
Aryloxyalkanoic acid/ester
Potentially anionic
Acidic
No
Yes
2,4,5-T-Methylester
2,4,5-T
Aryloxyalkanoic acid/ester
Neutral interm. polar (pKow 0.5-4.5)
Yes
2,4,5-TP
2,4,5-TP
Aryloxyalkanoic acid/ester
Potentially anionic
Acidic
No
Yes
2,4-D
2,4-D
Aryloxyalkanoic acid/ester
Potentially anionic
Acidic
No
Yes
Compound Details
pKa Properties
Introduction
Compound Origin
ISO Common Name
2,4-D
ISO 1750 Status
published
Mode of Action
Herbicide, Growth regulator
Chemical Group
Aryloxyalkanoic acid/ester
Compound Group
2,4-D
CAS Registry No.
94-75-7
Codex Registry No.
020
CIPAC No.
1
EC No.
202-361-1
EFSA Parameter Code
RF-0010-003-PPP
US EPA Chemical Code
IUPAC Name
(2,4-dichlorophenoxy)acetic acid
IUPAC Standard InChI
IUPAC Std. InChI Key
OVSKIKFHRZPJSS-UHFFFAOYSA-N
Compound Acid/Base Property: Acidic
Individual pKa Value(s)
pKa
pKa applies to Acidic/Basic Moiety
Remark
2.73
Acidic (Carboxyl Group)



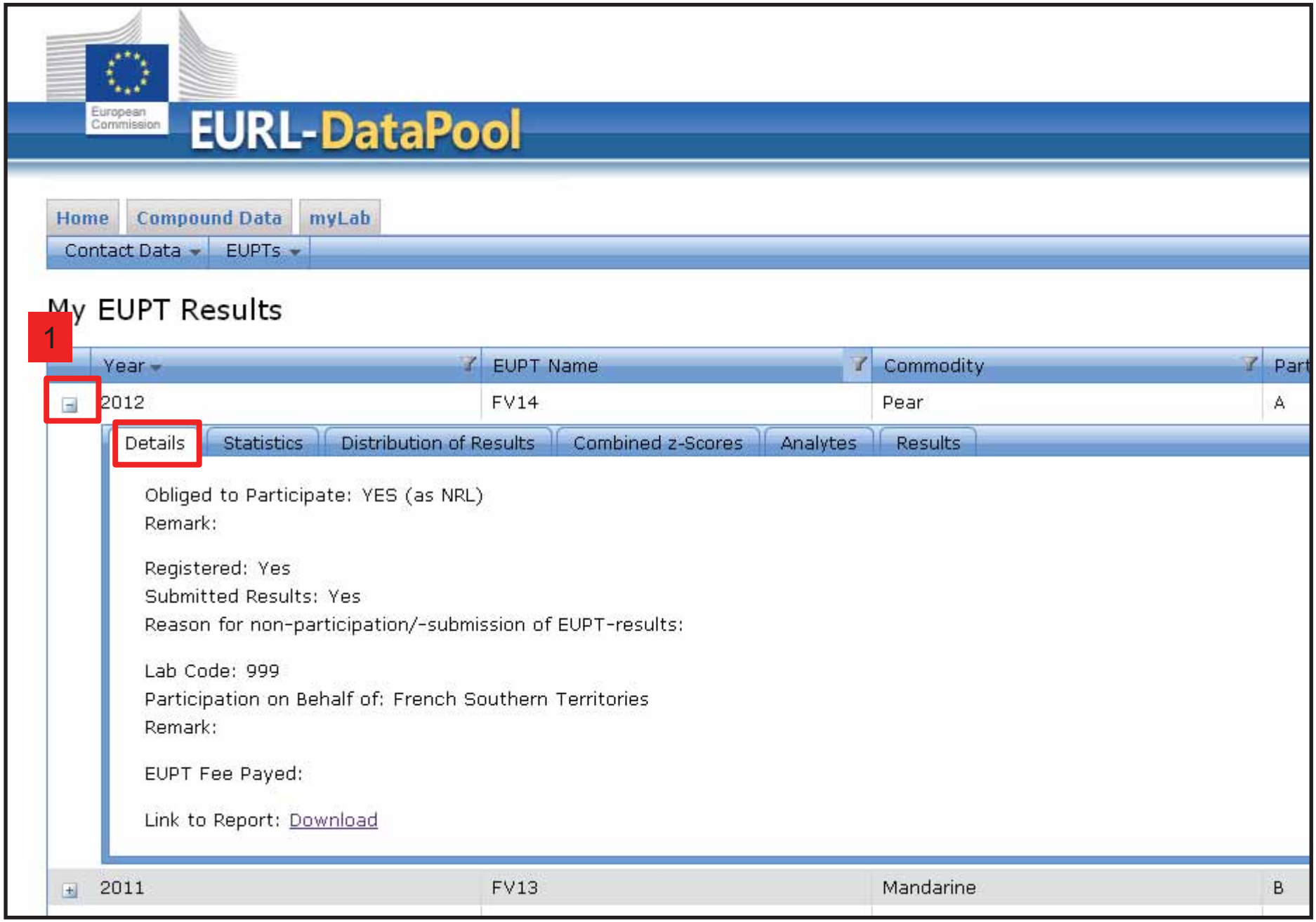


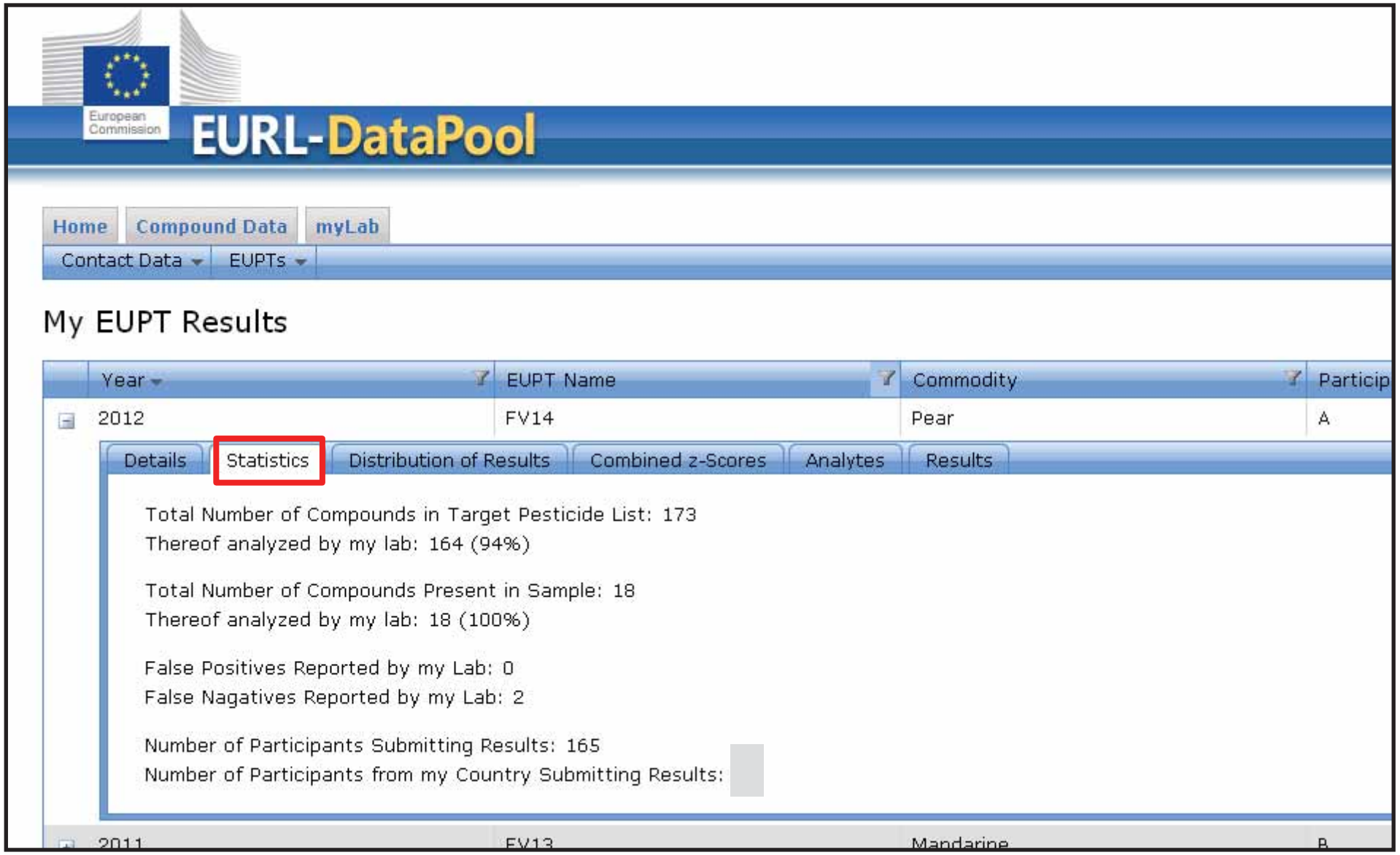
Compound	Compound Group	Compound Acid/Base Property	pKa	pKa applies to Acidic/Basic Moiety	Remark
2,4,5-T	2,4,5-T	Acidic	2.85	Acidic (Carboxyl Group)	
2,4,5-TP	2,4,5-TP	Acidic	2.84	Acidic (Carboxyl Group)	
2,4-D	2,4-D	Acidic	2.73	Acidic (Carboxyl Group)	
2,4-DB	2,4-DB	Acidic	4.1	Acidic (Carboxyl Group)	
4-CPA	4-CPA	Acidic	3.56	Acidic (Carboxyl Group)	
Acephate	Acephate	Acidic	8.35	Acidic (amide group)	
Acetamiprid	Acetamiprid	Basic	0.7	Basic (N of 6-chloropyridin)	
Alloxydim	Alloxydim	Acidic	3.7	Acidic (Cyclohexanedione oxime)	
Ametryn	Ametryn	Basic	4.1	Basic (N of 1,3,5-triazine)	
Amidosulfuron	Amidosulfuron	Acidic	3.58	Acidic (NH of sulfonamide group)	
Aminopyralid	Aminopyralid	Acidic	2.56	Acidic (Carboxyl Group)	
Amitraz	Amitraz	Basic	4.2	Basic	
Amitrole	Amitrole	Amphoteric	4.14	Basic (N of 1H-1,2,4-triazol)	
Amitrole	Amitrole	Amphoteric	10.7	Acidic (H of 1H-1,2,4-triazol)	
Ampropylfos	Ampropylfos	Amphoteric	5.9	Acidic (Phosphonic Group)	
Ampropylfos	Ampropylfos	Amphoteric	10.4	Acidic	
Asulam	Asulam	Amphoteric	1.29	Basic (Amino Group)	



Check if the EUPT-data shown in myLab belongs to your laboratory!

In case some EUPT-data is missing or not correct, please contact us: eurl-srm@cvuas.bwl.de


European Commission
EURL-DataPool
Home
Compound Data
myLab
Contact Data
EUPTs
My EUPT Results
1
Year
EUPT Name
Commodity
Part
2012
FV14
Pear
A
Details
Statistics
Distribution of Results
Combined z-Scores
Analytes
Results
Obliged to Participate: YES (as NRL)
Remark:
Registered: Yes
Submitted Results: Yes
Reason for non-participation/-submission of EUPT-results:
Lab Code: 999
Participation on Behalf of: French Southern Territories
Remark:
EUPT Fee Payed:
Link to Report: Download
2011
FV13
Mandarine
B


European Commission
EURL-DataPool
Home
Compound Data
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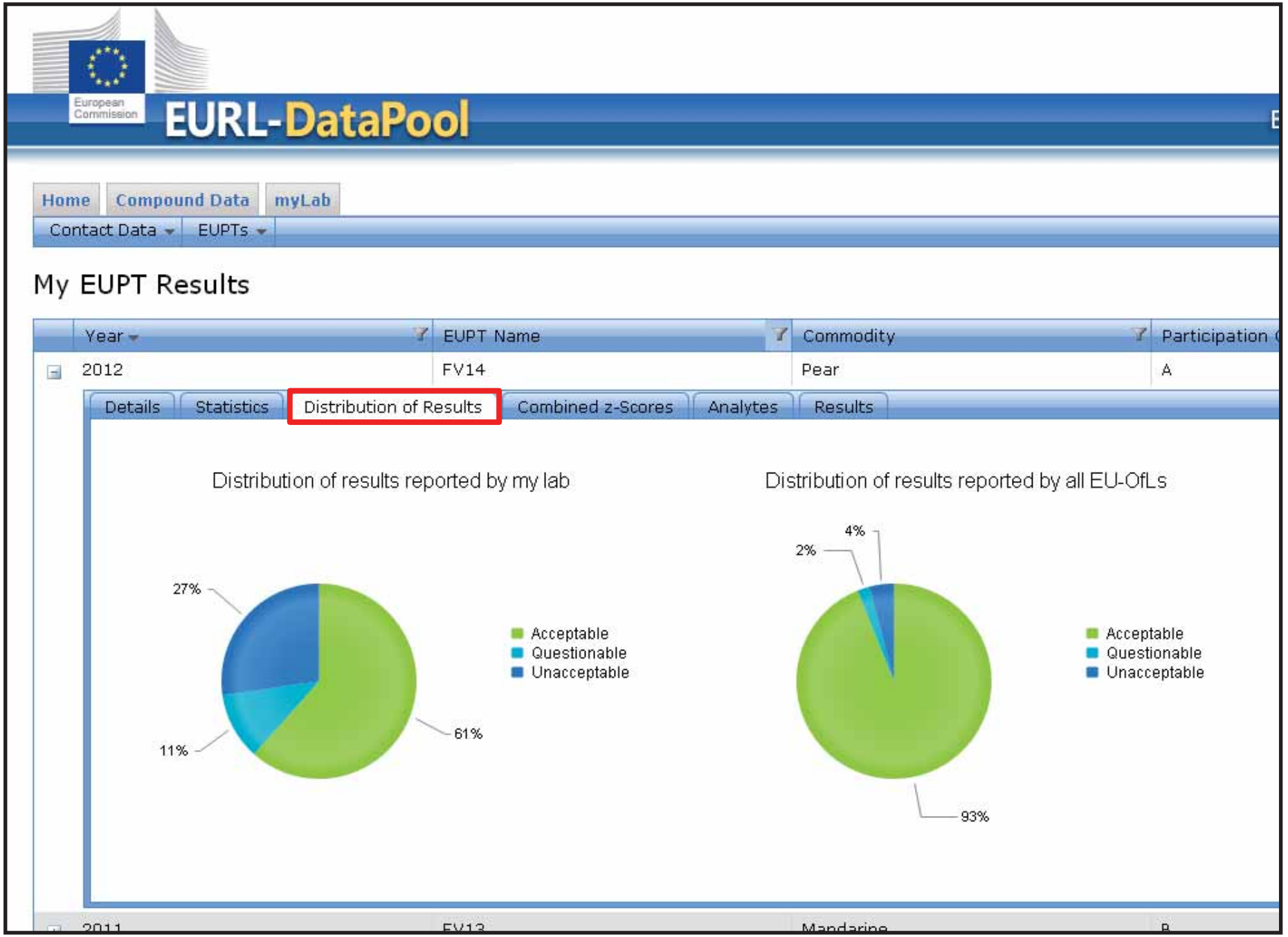
Contact Data
EUPTs
My EUPT Results
Year
EUPT Name
Commodity
Particip
2012
FV14
Pear
A
Details
Statistics
Distribution of Results
Combined z-Scores
Analytes
Results
Total Number of Compounds in Target Pesticide List: 173
Thereof analyzed by my lab: 164 (94%)
Total Number of Compounds Present in Sample: 18
Thereof analyzed by my lab: 18 (100%)
False Positives Reported by my Lab: 0
False Nagatives Reported by my Lab: 2
Number of Participants Submitting Results: 165
Number of Participants from my Country Submitting Results:
2011
FV13
Mandarine
B


European Commission
EURL-DataPool
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Compound Data
myLab
Contact Data
EUPTs
My EUPT Results
Year
EUPT Name
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Participation
2012
FV14
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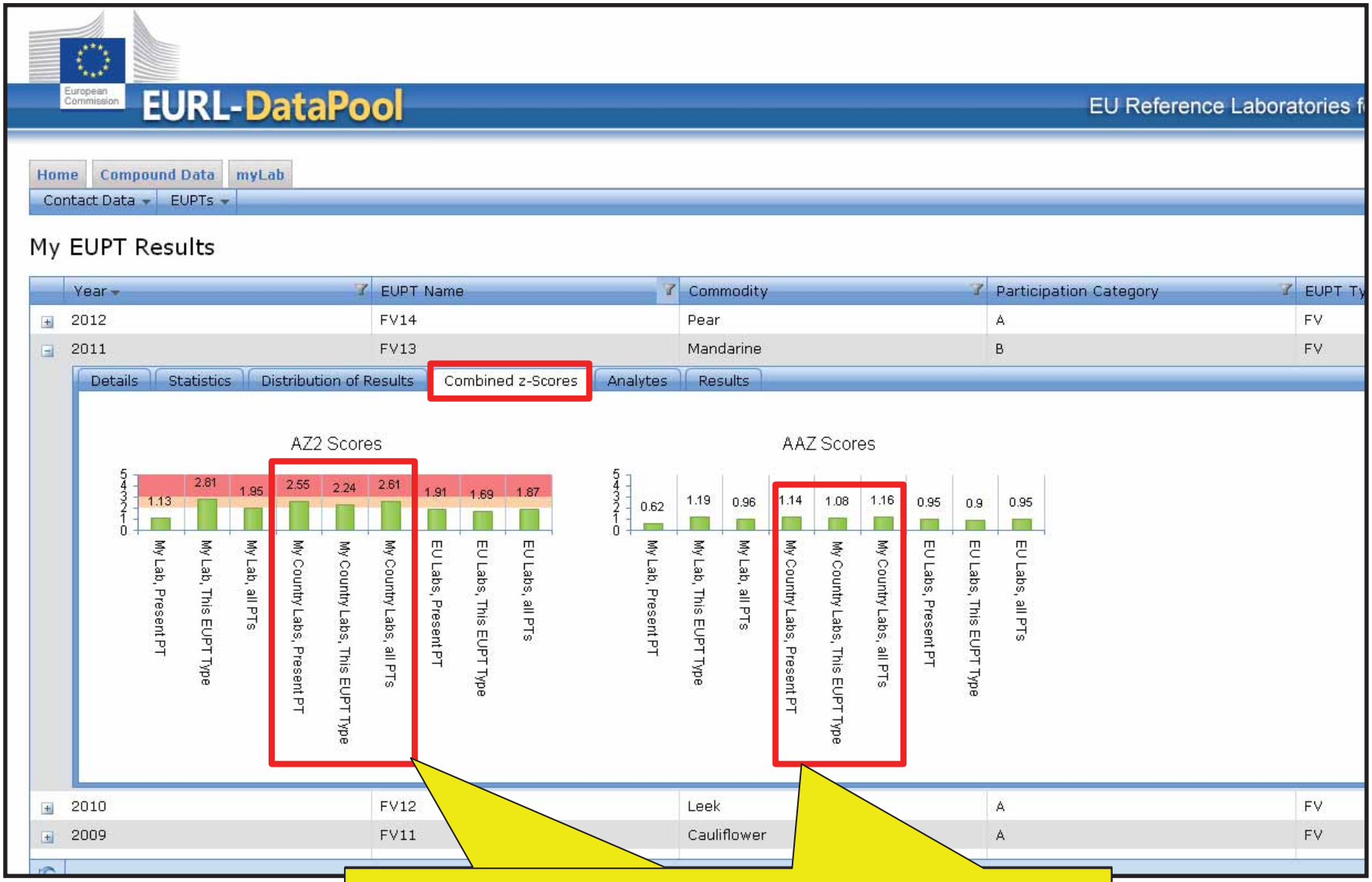
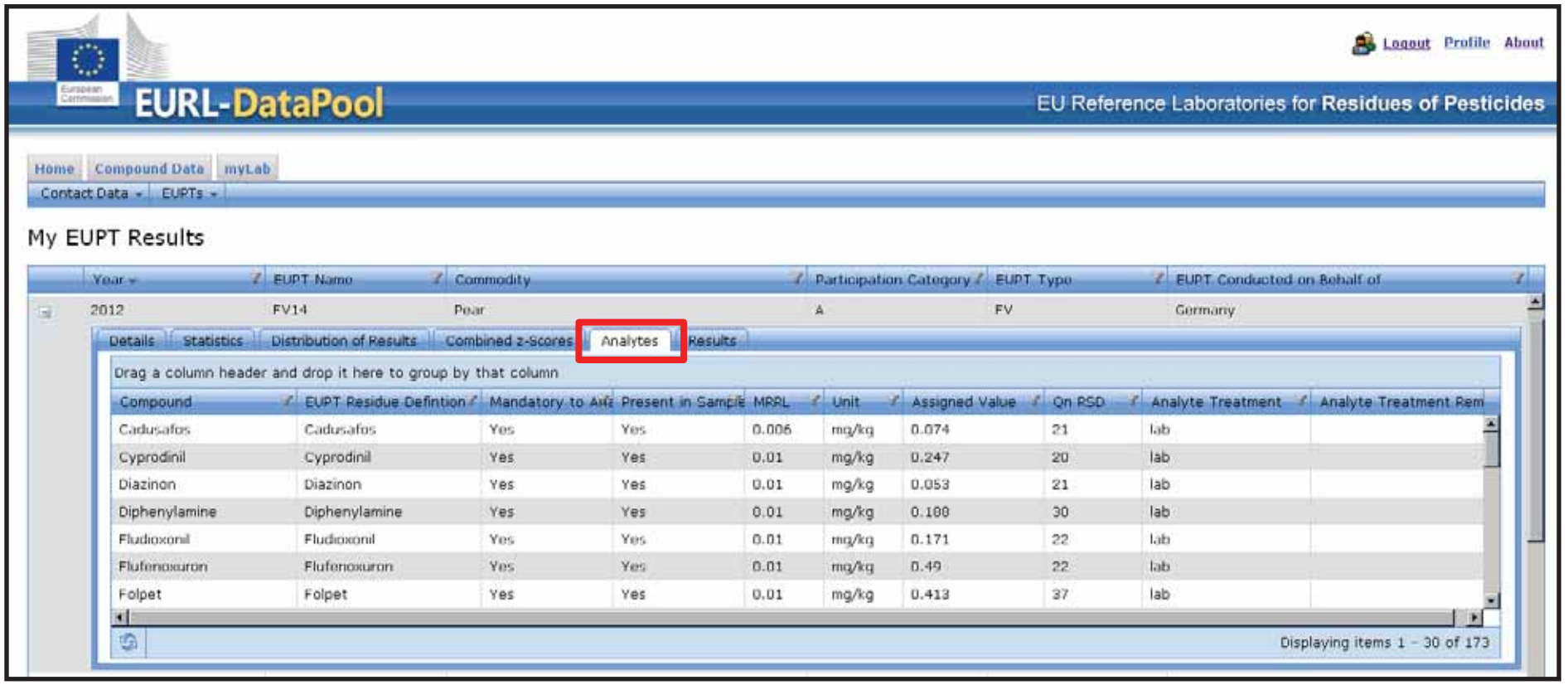
Details
Statistics
Distribution of Results
Combined z-Scores
Analytes
Results
Distribution of results reported by my lab
27%
11%
61%
Acceptable
Questionable
Unacceptable
Distribution of results reported by all EU-OfLs
4%
2%
93%
Acceptable
Questionable
Unacceptable


EURL-DataPool
EU Reference Laboratories f
Home
Compound Data
myLab
Contact Data
EUPTs
My EUPT Results
Year
EUPT Name
Commodity
Participation Category
EUPT Ty
2012
FV14
Pear
A
FV
2011
FV13
Mandarine
B
FV
Details
Statistics
Distribution of Results
Combined z-Scores
Analytes
Results
AZ2 Scores
1.13
2.81
1.95
2.55
2.24
2.61
1.91
1.69
1.87
My Lab, Present PT
My Lab, This EUPT Type
My Lab, all PTs
My Country Labs, Present PT
My Country Labs, This EUPT Type
My Country Labs, all PTs
EU Labs, Present PT
EU Labs, This EUPT Type
EU Labs, all PTs
AAZ Scores
0.62
1.19
0.96
1.14
1.08
1.16
0.95
0.9
0.95
2010
FV12
Leek
A
FV
2009
FV11
Cauliflower
A
FV
These bars are only visible if more than 3 labs submitted EUPT-data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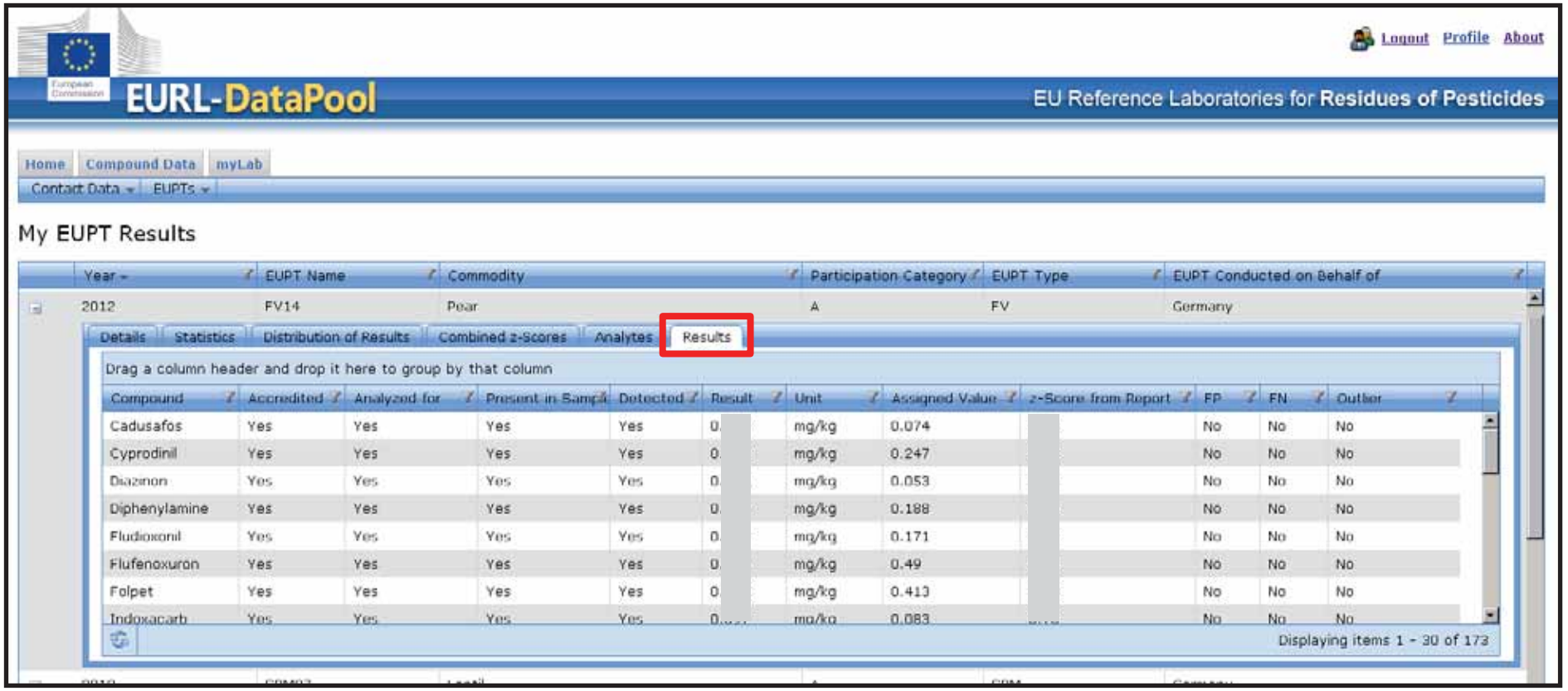
My EUPT Results
Year
EUPT Name
Commodity
Participation Category
EUPT Type
EUPT Conducted on Behalf of
2012
FV14
Pear
A
FV
Germany
Details
Statistics
Distribution of Results
Combined z-Scores
Analytes
Results
Drag a column header and drop it here to group by that column
Compound
EUPT Residue Definition
Mandatory to Ana
Present in Sample
MRRL
Unit
Assigned Value
On RSD
Analyte Treatment
Analyte Treatment Rem
Cadusafos Cadusafos Yes Yes 0.006 mg/kg 0.074 21 lab
Cyprodinil Cyprodinil Yes Yes 0.01 mg/kg 0.247 20 lab
Diazinon Diazinon Yes Yes 0.01 mg/kg 0.053 21 lab
Diphenylamine Diphenylamine Yes Yes 0.01 mg/kg 0.100 30 lab
Fludioxonil Fludioxonil Yes Yes 0.01 mg/kg 0.171 22 lab
Flufenoxuron Flufenoxuron Yes Yes 0.01 mg/kg 0.49 22 lab
Folpet Folpet Yes Yes 0.01 mg/kg 0.413 37 lab
Displaying items 1 - 30 of 173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EU Reference Laboratories for Residues of Pesticides
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Contact Data
EUPTs
My EUPT Results
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Commodity
Participation Category
EUPT Type
EUPT Conducted on Behalf of
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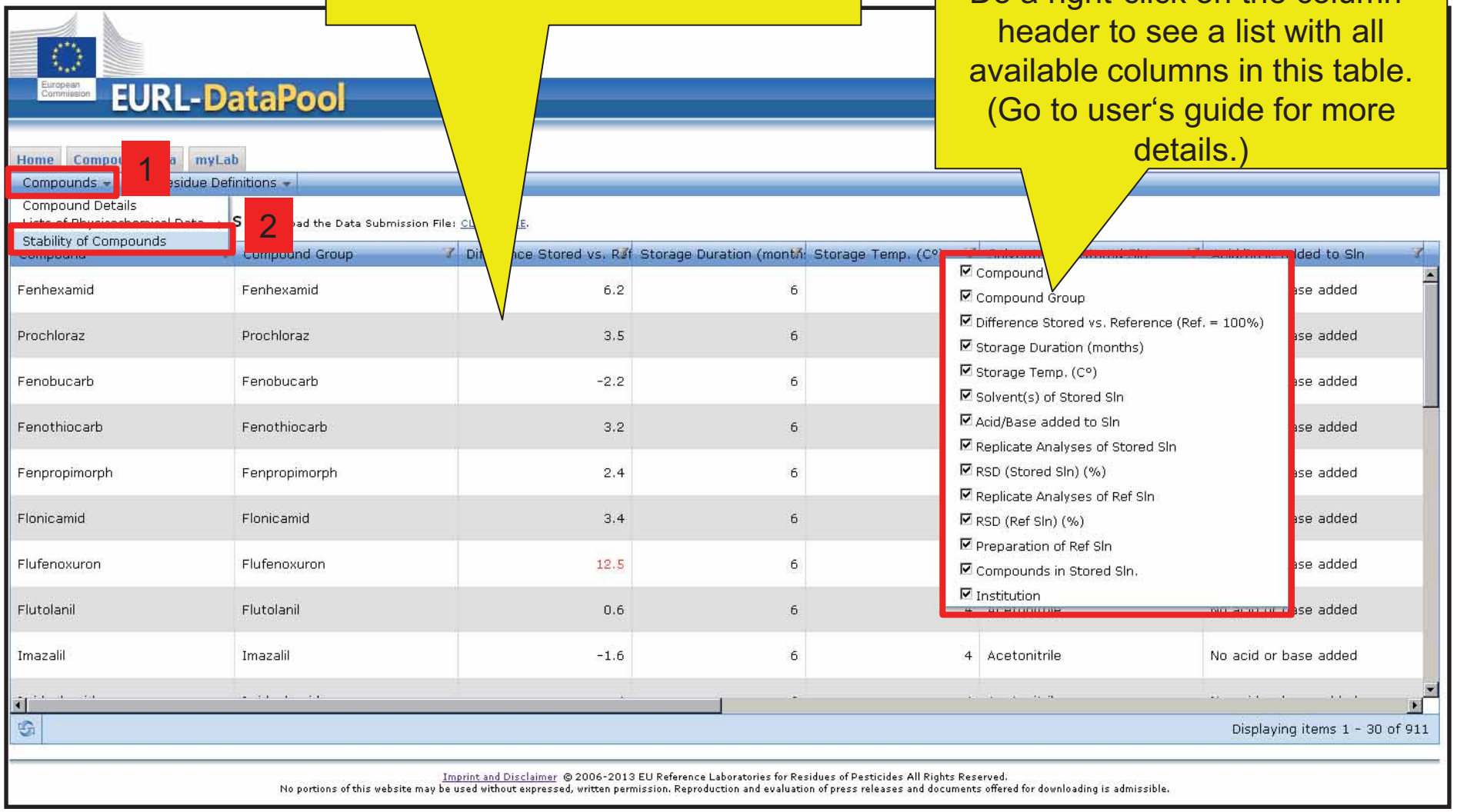
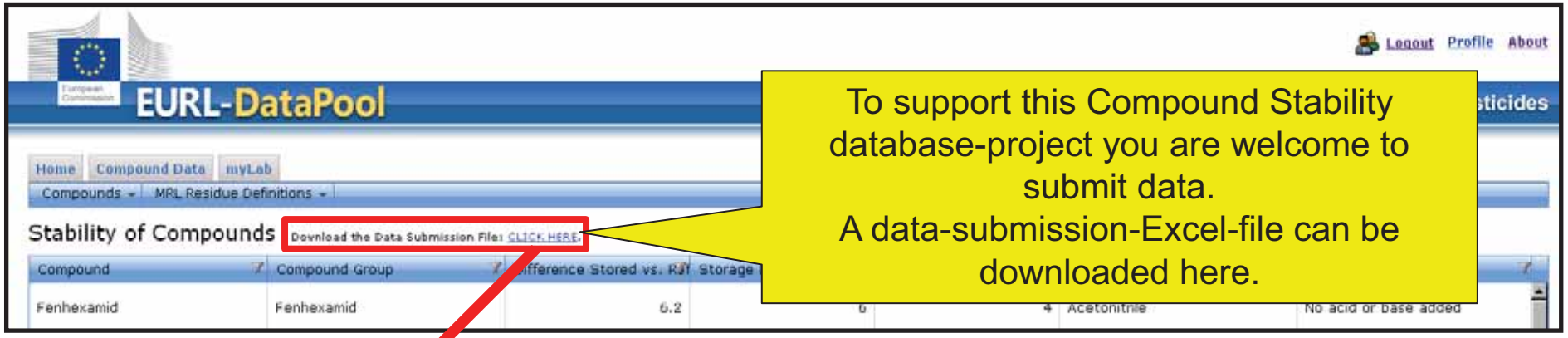
FV14
Pear
A
FV
Germany
Details
Statistics
Distribution of Results
Combined z-Scores
Analytes
Results
Drag a column header and drop it here to group by that column
Compound
Accredited
Analyzed for
Present in Sample
Detected
Result
Unit
Assigned Value
z-Score from Report
FP
FN
Outlier
Cadusafos Yes Yes Yes Yes mg/kg 0.074 No No No
Cyprodinil Yes Yes Yes Yes mg/kg 0.247 No No No
Diazinon Yes Yes Yes Yes mg/kg 0.053 No No No
Diphenylamine Yes Yes Yes Yes mg/kg 0.188 No No No
Fludioxonil Yes Yes Yes Yes mg/kg 0.171 No No No
Flufenoxuron Yes Yes Yes Yes mg/kg 0.49 No No No
Folpet Yes Yes Yes Yes mg/kg 0.413 No No No
Indoxacarb Yes Yes Yes Yes mg/kg 0.083 No No No
Displaying items 1 - 30 of 173

Stability of Compounds database

Do a right-click on the column-header to see a list with all available columns in this table. (Go to user's guide for more details.)





To support this Compound Stability database-project you are welcome to submit data.
A data-submission-Excel-file can be downloaded here.

Details of **properties of stored solution**:

TESTED PESTICIDES				PROPERTIES OF STORED SOLUTION							
OBLIGATORY	OBLIGATORY	OPTIONAL	OBLIGATORY	OBLIGATORY	OBLIGATORY	OBLIGATORY	SEMI-OBLIGATORY	SEMI-OBLIGATORY	OBLIGATORY	OPTIONAL	SEMI-OBLIGATORY
Compound Name	**Pesticide concentration** in solution during storage [µg/mL]	**DETAILS on pesticide** (e.g. employed as salt...)	Pesticide stored **individually or in mixture? (If in mixture, please provide an ID for pesticides in same sln)**	**Main Solvent(s)** of stored sln	**Water Content of stored solution**	Pesticide **solved in pure solvent or matrix extract?**	**Matrix** used to prepare matrix-extract	**Extraction Method** used to prepare matrix extract	**Acid or Base** added to solution before storage	**pH** of stored solution (if measured)	**DETAILS on Acid or Addition** (type of a added and concentration)
DROPDOWN				DROPDOWN	DROPDOWN	DROPDOWN	DROPDOWN	DROPDOWN	DROPDOWN		

1-MCP
2,4,5-T
2,4,5-T-Methylester
2,4,5-TP
2,4-D
2,4-DB
2,4-DB-Methylester
2,4-D-Methylester

All these columns are needed to describe the compound stability experiment as precise as possible.

Details on **storage conditions**:

5	TESTED PES	STORAGE CONDITIONS								
6	OBLIGATORY	OBLIGATORY	OBLIGATORY	OBLIGATORY		OBLIGATORY	OBLIGATORY	OPTIONAL	OPTIONAL	OBLIGATORY
7	**Compound Name**	Storage **Temperatrure**	Stored in **Darkness?**	**Vessel Material**	Vessel-**cap type**	Vessel Cap **inner surface material** (surface in contact w. solution)	Vessel **optical properties**	**DETAILS on storage vessel and Cap**	**DETAILS on Storage History** (e.g. Solution unintentionally exposed for some time to high temperatures, light ...)	**Preparation Date of Stored Solution**
8	DROPDOWN		DROPDOWN	DROPDOWN	DROPDOWN	DROPDOWN	DROPDOWN			(dd.mm.yyyy hh:mm)
9										
10										
11										

Details on **measurements and reference standard**:

= 100X(Conc. Stored - Conc. Reference) / Conc. Reference

5	TESTED PES	DETAILS ON MEASUREMENTS AND REFERENCE STANDARD										
6	OBLIGATORY	OBLIGATORY	OBLIGATORY	OPTIONAL	OPTIONAL	OPTIONAL	OBLIGATORY	OBLIGATORY	OBLIGATORY	OBLIGATORY	OBLIGATORY	OBLIGATORY
7	**Compound Name**	**Measurement Date**	**Measurement Technique**	**DETAILS on Measurement** (e.g. degradation products observed/quantified; any measurement particularities)	**ISTD name**	**DETAILS on ISTD** (e.g. at what stage was the ISTD added)	**No of Replicate** measurements of **STORED** sln	**RSD STORED Sln** [%] (for >2 replicates)	**No of Replicate** measurements of **REFERENCE** sln	**RSD REFERENCE** [%] (for >2 replicates)	**Difference STORED vs. REFERENCE** (REFERENCE =100%)	**Was REFERENCE solution prepared** from certified
8	DROPDOWN	(dd.mm.yyyy hh	DROPDOWN		DROPDOWN							DROPDOWN
9												
10												

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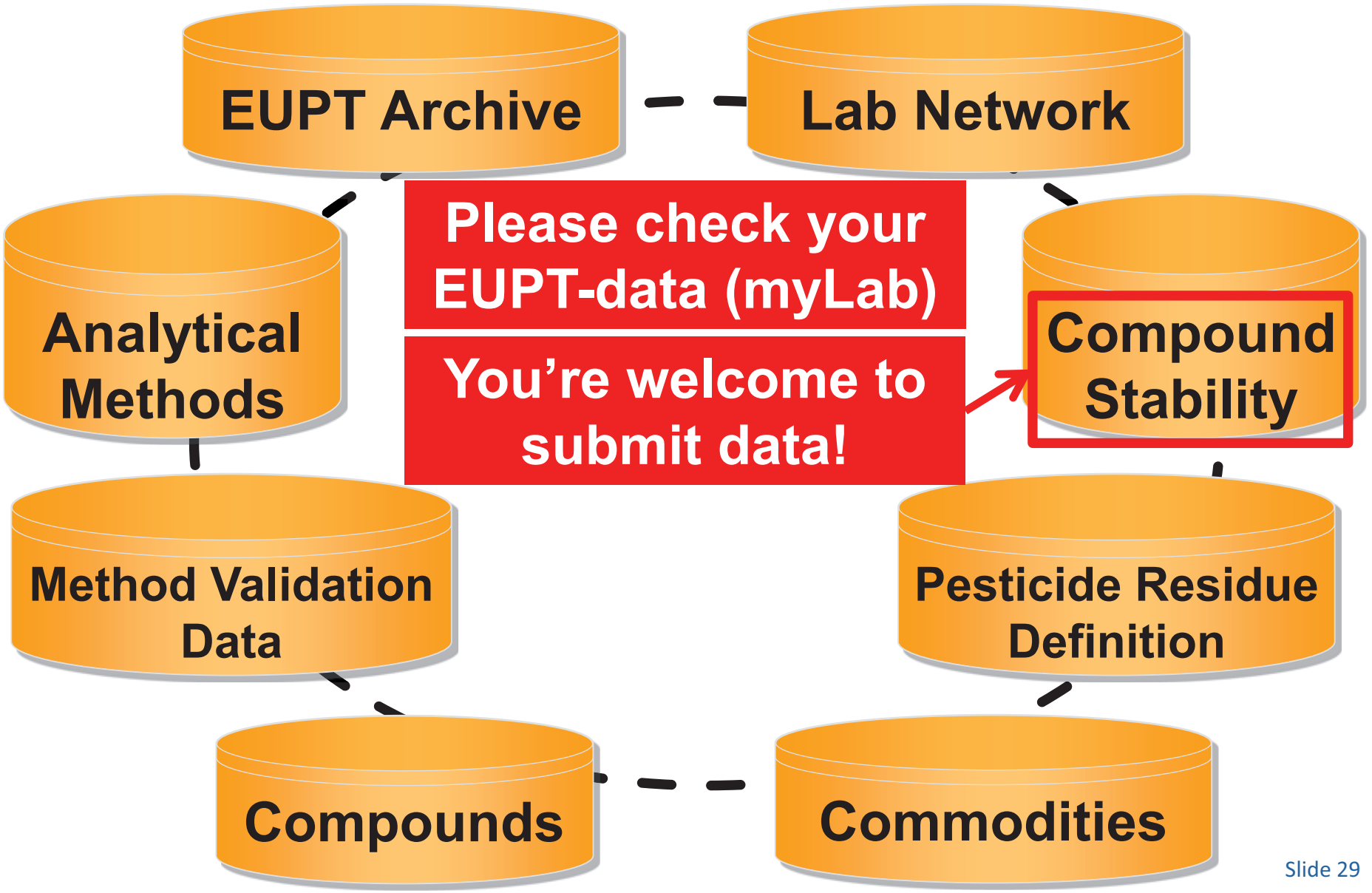
Summary



Thank You
for Your Attention

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