Welcome to our

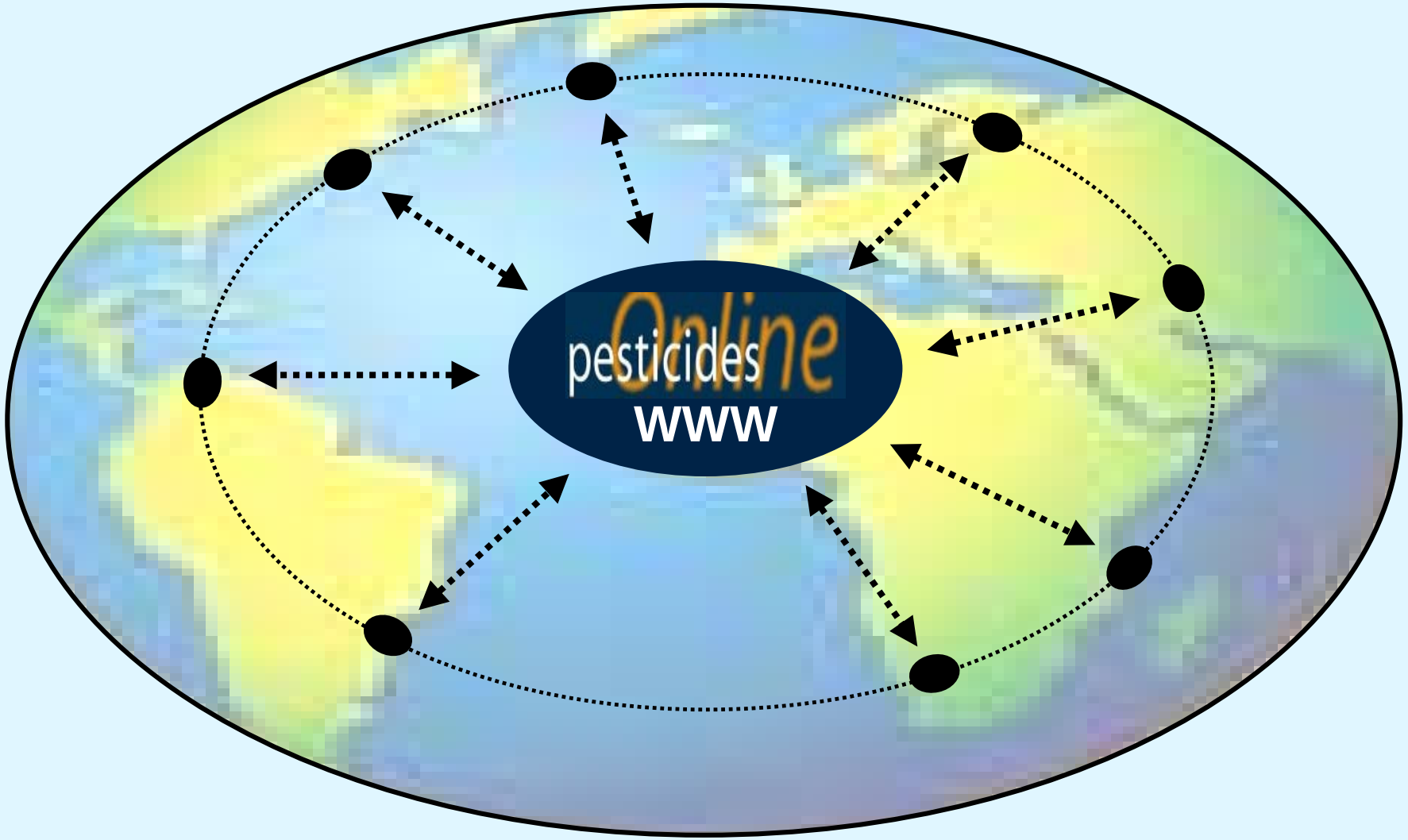
Pesticides-Online Tour!

Take a look at the following pages which illustrate the numerous features offered by

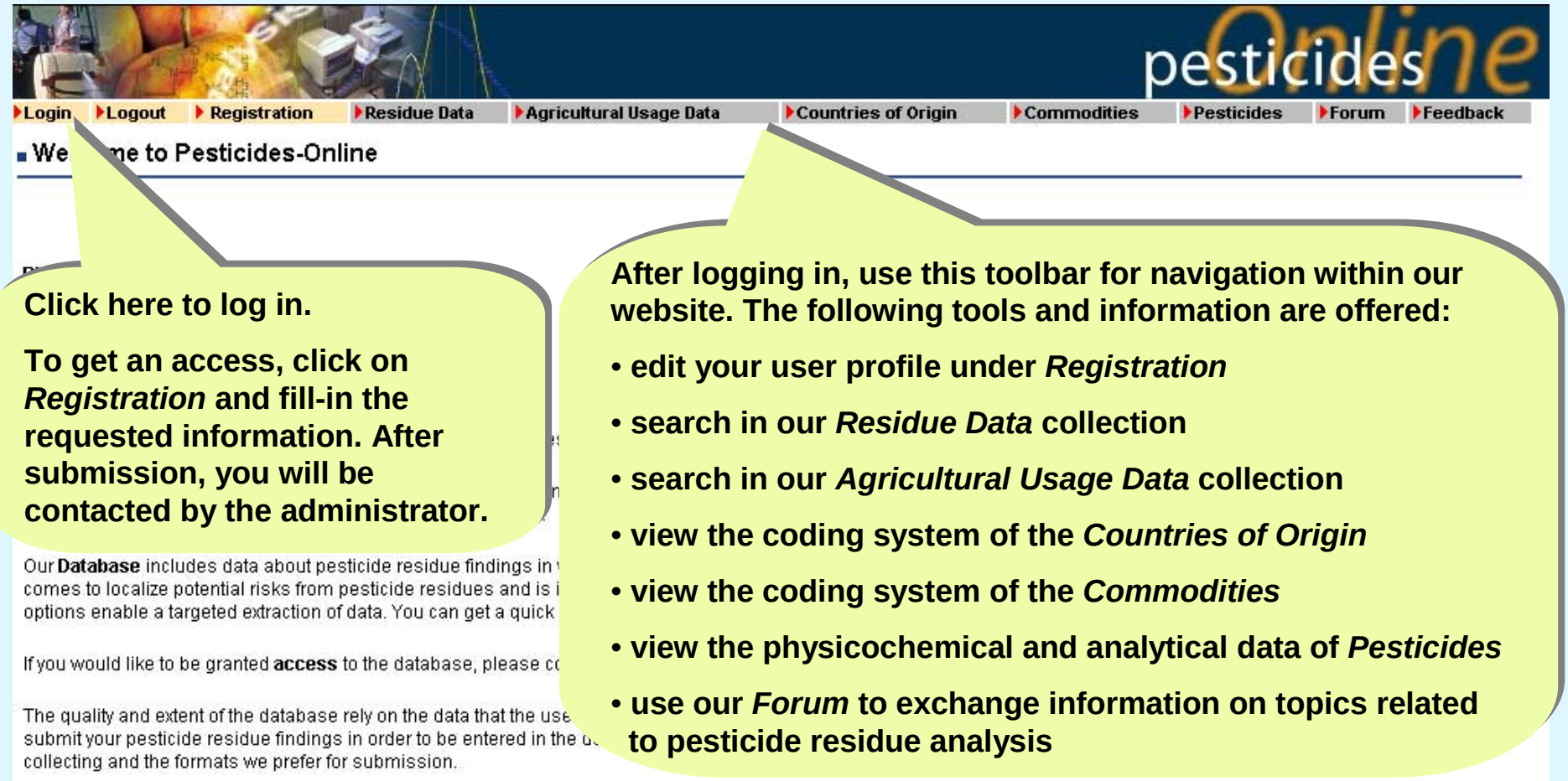
www.pesticides-online.com.

www.pesticides-online.com

Collection and Distribution of Information via the Internet



● = Pesticide Residue Analyst, Method Developer, Monitoring Program Manager, Agricultural and Food Industry, Pesticide Producers, etc.


pesticides Online
Login
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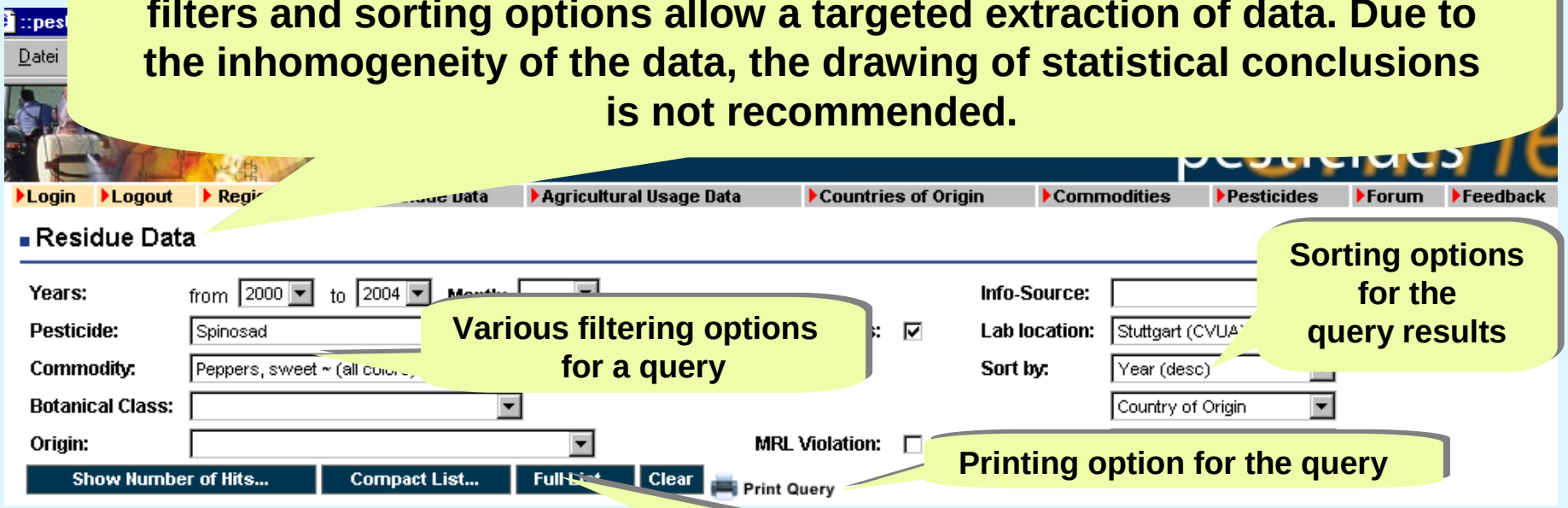
Residue Data
Agricultural Usage Data
Countries of Origin
Commodities
Pesticides
Forum
Feedback
Click here to log in.
To get an access, click on *Registration* and fill-in the requested information. After submission, you will be contacted by the administrator.
After logging in, use this toolbar for navigation within our website. The following tools and information are offered:
• edit your user profile under *Registration*
• search in our *Residue Data* collection
• search in our *Agricultural Usage Data* collection
• view the coding system of the *Countries of Origin*
• view the coding system of the *Commodities*
• view the physicochemical and analytical data of *Pesticides*
• use our *Forum* to exchange information on topics related to pesticide residue analysis

In the *Residue Data* section authorized users can access the collected data on residue findings from various laboratories. Various filters and sorting options allow a targeted extraction of data. Due to the inhomogeneity of the data, the drawing of statistical conclusions is not recommended.



Number of matches found

Different listing options for the results

Results of the query

Your query will produce 12 hits.

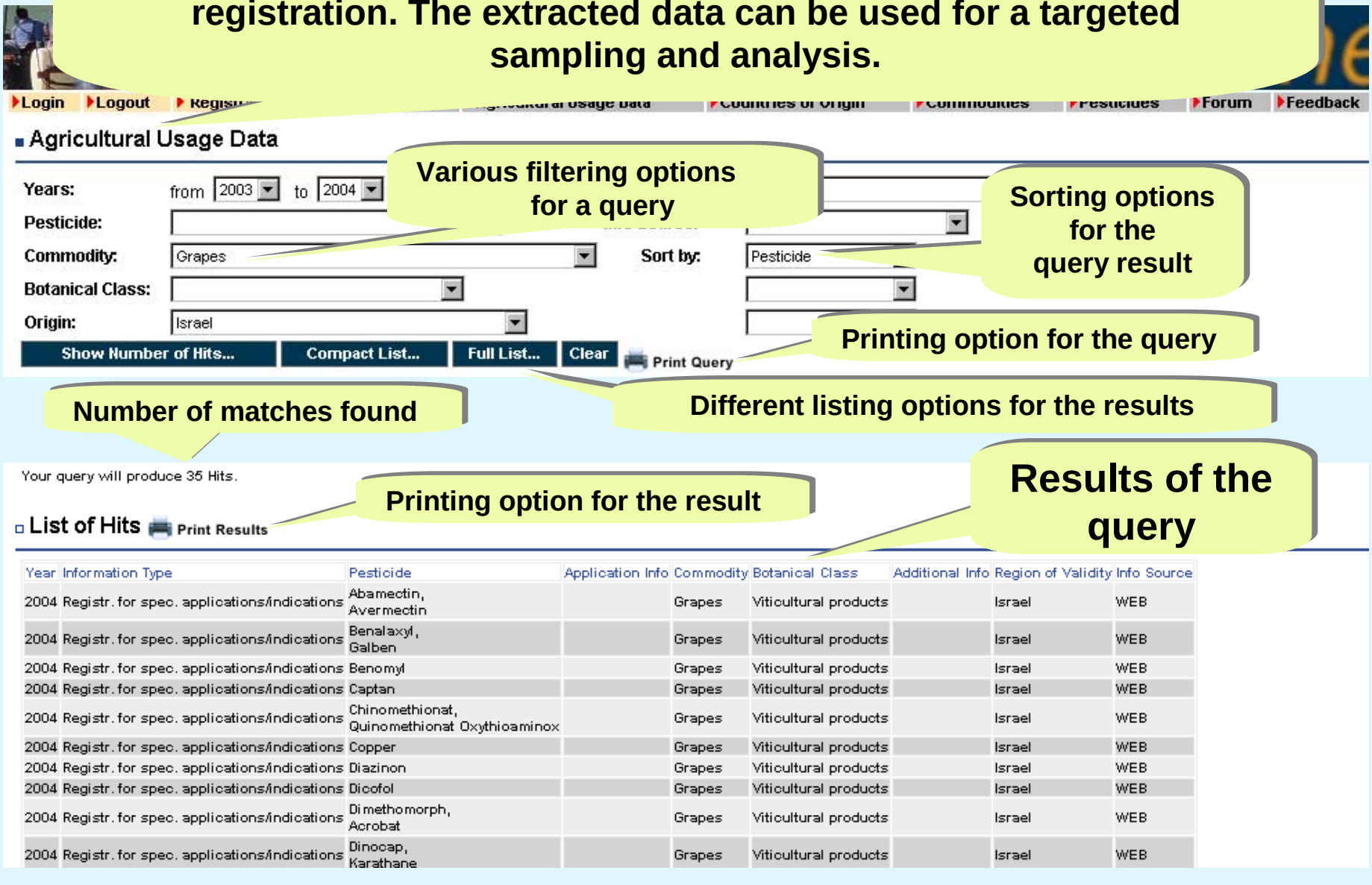
Printing option for the results

List of Hits Print Results

Year	Month	Lab Location	Pesticide	Commodity	Botanical Class	Add. Info	Processing	Origin	mg/kg	Min.	Max.	Pos. Samples	Samples Analysed	Pos. in (%)	>MRL	Info-Source
2004	1-3	Stuttgart (CVUA)	Spinosad	Peppers, sweet ~ (all colors)	Solanaceous crops (Solanaceae)			Greece	0,003			1	1	100%		LAB DATA
2004	1-3	Stuttgart (CVUA)	Spinosad	Peppers, sweet ~ (all colors)	Solanaceous crops (Solanaceae)			Israel	0,001			2	2	100%		LAB DATA
2004	1-3	Stuttgart (CVUA)	Spinosad	Peppers, sweet ~ (all colors)	Solanaceous crops (Solanaceae)	bio		Israel		0,001	0,010	3	3			LAB DATA
2004	1-3	Stuttgart (CVUA)	Spinosad	Peppers, sweet ~ (all colors)	Solanaceous crops (Solanaceae)	bio		Italy	0,014			1		100%	1	LAB DATA
2004	1-3	Stuttgart (CVUA)	Spinosad	Peppers, sweet ~ (all colors)	Solanaceous crops (Solanaceae)									100%		LAB DATA
2004	1-3	Stuttgart (CVUA)	Spinosad	Peppers, sweet ~ (all colors)	Solanaceous crops (Solanaceae)									100%		LAB DATA

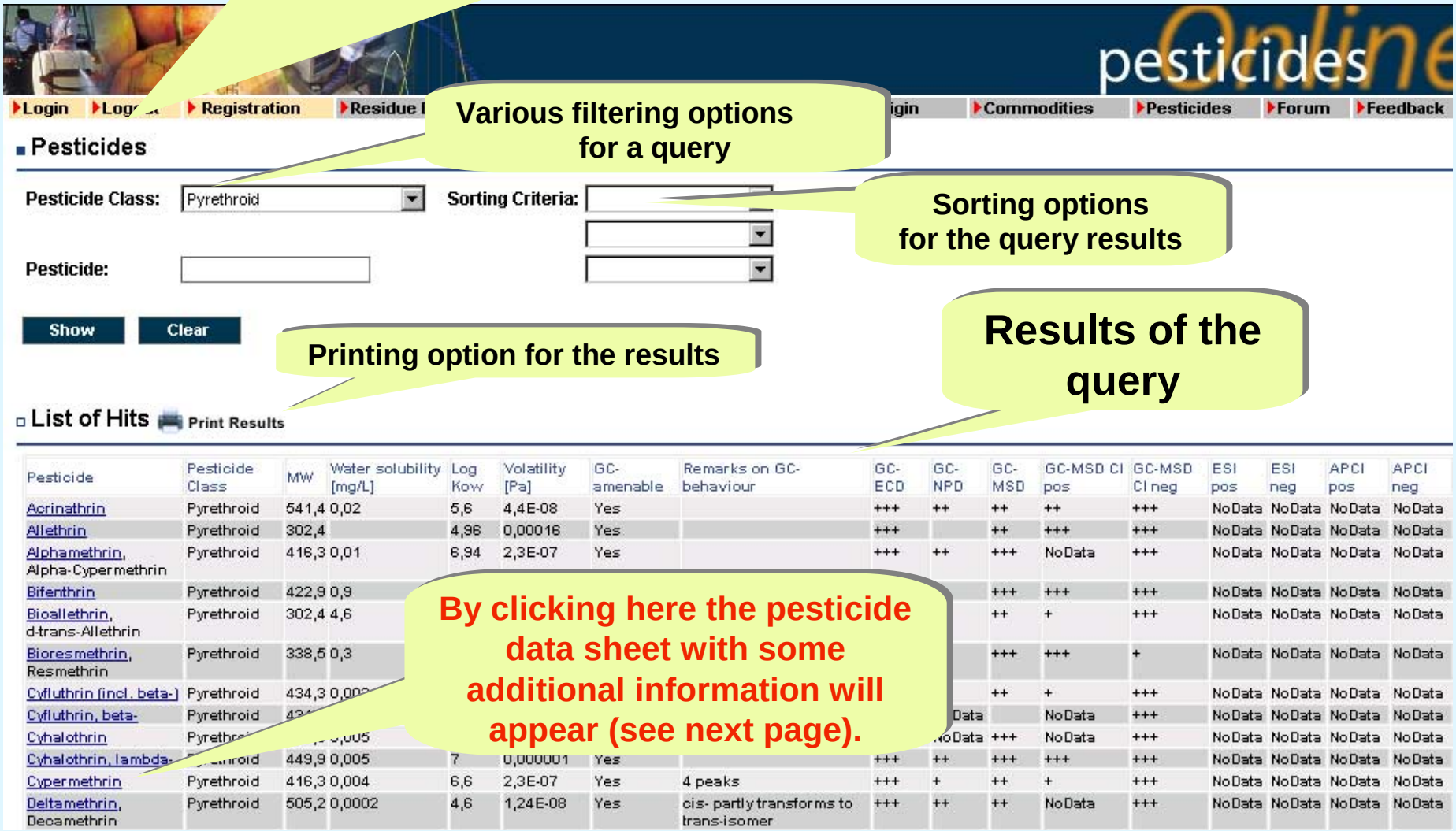
Click here to view the reference and contact information

In this section you will find information on the usage of pesticides in agriculture. This includes recommendations to farmers from governmental and private institutions as well as data on pesticide registration. The extracted data can be used for a targeted sampling and analysis.



Year	Information Type	Pesticide	Application Info	Commodity	Botanical Class	Additional Info	Region of Validity	Info Source
2004	Registr. for spec. applications/indications	Abamectin, Avermectin		Grapes	Viticultural products		Israel	WEB
2004	Registr. for spec. applications/indications	Benalaxyl, Galben		Grapes	Viticultural products		Israel	WEB
2004	Registr. for spec. applications/indications	Benomyl		Grapes	Viticultural products		Israel	WEB
2004	Registr. for spec. applications/indications	Captan		Grapes	Viticultural products		Israel	WEB
2004	Registr. for spec. applications/indications	Chinomethionat, Quinomethionat Oxythioaminox		Grapes	Viticultural products		Israel	WEB
2004	Registr. for spec. applications/indications	Copper		Grapes	Viticultural products		Israel	WEB
2004	Registr. for spec. applications/indications	Diazinon		Grapes	Viticultural products		Israel	WEB
2004	Registr. for spec. applications/indications	Dicofol		Grapes	Viticultural products		Israel	WEB
2004	Registr. for spec. applications/indications	Dimethomorph, Acrobat		Grapes	Viticultural products		Israel	WEB
2004	Registr. for spec. applications/indications	Dinocap, Karathane		Grapes	Viticultural products		Israel	WEB

In the section *Pesticides* we have included data about the physicochemical properties and the analytical behaviour of various pesticides.



Pesticide	Pesticide Class	MW	Water solubility [mg/L]	Log Kow	Volatility [Pa]	GC-amenable	Remarks on GC-behaviour	GC-ECD	GC-NPD	GC-MSD	GC-MSD CI pos	GC-MSD CI neg	ESI pos	ESI neg	APCI pos	APCI neg
Acrinathrin	Pyrethroid	541,4	0,02	5,6	4,4E-08	Yes		+++	++	++	++	+++	NoData	NoData	NoData	NoData
Allethrin	Pyrethroid	302,4		4,96	0,00016	Yes		+++		++	+++	+++	NoData	NoData	NoData	NoData
Alphamethrin, Alpha-Cypermethrin	Pyrethroid	416,3	0,01	6,94	2,3E-07	Yes		+++	++	+++	NoData	+++	NoData	NoData	NoData	NoData
Bifenthrin	Pyrethroid	422,9	0,9							+++	+++	+++	NoData	NoData	NoData	NoData
Bioallethrin, d-trans-Allethrin	Pyrethroid	302,4	4,6							++	+	+++	NoData	NoData	NoData	NoData
Bioresmethrin, Resmethrin	Pyrethroid	338,5	0,3							+++	+++	+	NoData	NoData	NoData	NoData
Cyfluthrin (incl. beta-)	Pyrethroid	434,3	0,00							++	+	+++	NoData	NoData	NoData	NoData
Cyfluthrin, beta-	Pyrethroid	43							Data		NoData	+++	NoData	NoData	NoData	NoData
Cyhalothrin	Pyrethroid		0,005						NoData	+++	NoData	+++	NoData	NoData	NoData	NoData
Cyhalothrin, lambda-	roid	449,9	0,005	7	0,000001	Yes		+++	++	+++	+++	+++	NoData	NoData	NoData	NoData
Cypermethrin	Pyrethroid	416,3	0,004	6,6	2,3E-07	Yes	4 peaks	+++	+	++	+	+++	NoData	NoData	NoData	NoData
Deltamethrin, Decamethrin	Pyrethroid	505,2	0,0002	4,6	1,24E-08	Yes	cis- partly transforms to trans-isomer	+++	++	++	NoData	+++	NoData	NoData	NoData	NoData

Pesticide Data-Sheet with analytical, physicochemical and toxicological data on the pesticide

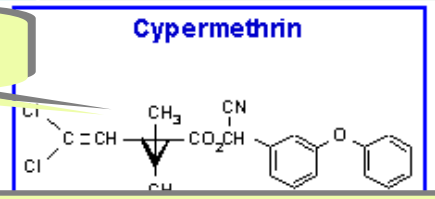
CYPERMETHRIN 52315-07-8

Pesticide Class:	Pyrethroid
Mode of Action:	Insecticide
Synonym:	

PHYSICOCHEMICAL AND TOXICOLOGICAL DATA

MW / Molecular Formula	416,3 / C22H19Cl2NO3
Water Solubility [mg/L]	0,004
pKow	6,6
pKa	
Volatility	2,3E-07
ARfD / ADI	
Add. Info	
Legally Relevant Metabolite	

Chemical structure



Extraction and clean up behaviour

Chromatographic behaviour

ANALYTICAL DATA

TYPICAL RECOVERIES USING VARIOUS MULTIRESIDUE METHODS

Method	0-20%	20-50%	50-70%	70-110%	Remarks
QuEChERS (MeCN)				X	
Stuttgart (Acetone)					
SFE (CO2)					
DFG S 19 (Acetone)					
Dutch (Acetone)					
Canadian (MeCN)					
CDFA (MeCN)					
Swedish (EtAc)					
L. Alder (MeOH)					
Stajnbaher (Aceton, SPE)				X	

Comparison of typical recoveries with various multiresidue methods

GC-BEHAVIOR

GC-amenable	Yes	Matrix Effects	NoData
Decomposition	0	Tailing	0
Decomp. Product			

Detector	Sensitivity	Spectrum	m/z		
MSD EI (+)	++	CLICK	163	181	209
MSD CI (+)	+	CLICK			
MSD CI (-)	+++	CLICK	207	209	171

Click here to view the spectra (see next page)!

CLEAN UP Mini-Multi (QuEChERS)

Alumina N
PSA
GCB
Optional 1
Optional 2

Comparison of various sorbents for SPE cleanup of the QuEChERS Extracts

LC-BEHAVIOR

Detector	Sensitivity	m/z		
ESI (+)	NoData			
ESI (-)	NoData			
APCI (+)	NoData			
APCI (-)	NoData			

Read Comments on CYPERMETHRIN

In future, you will be able to directly connect to our forum to write or read messages on that specific pesticide.

**MSD spectra of pesticides can be viewed,
here MSD EI (+)-spectrum of Cypermethrin.**