



# Apimondia

International Federation of Beekeepers' Associations

[www.apimondia.org](http://www.apimondia.org)

Apimondia Working Group number	AWG 9
Name	'Adverse effects of Agrochemicals and Bee medicines on Bees'
Purpose	<ul style="list-style-type: none"> <li>- To provide a guide to beekeepers in case of bee colony mortality by pesticides (samples, records, prevention, etc.)</li> <li>- To propose a realistic scientific protocol for the experiments of the new molecules to be put on the market (including sub-lethal effects, larvae, pollen, guttation, metabolites, synergies with other products usually used at the same time, soil remanence, dust behind seeders, etc.)</li> <li>- To reveal the inconsistency of the laws (composition of toxicology commissions, providers judges and parties, etc.)</li> <li>- To setup a folder concerning the danger of the neonicotinoids for the bees</li> <li>-To develop historic records of toxicity events happening worldwide</li> </ul>
Date of creation	15/01/2011
Place of creation	France
Scientific Commission(s) involved	Bee Health
Regional Commission(s) involved	Five Commissions
Coordinator	Fani Hatjina - <a href="mailto:fhatjina@gmail.com">fhatjina@gmail.com</a> - <a href="mailto:fhatjina@instmelissocomias.gr">fhatjina@instmelissocomias.gr</a> +30 23730 91297/ +30 69474311299- Fax: 23730 91676- Greece/ Bee behaviour/ Bee toxicology/ Bee breeding
Members	<p><u>Name – Email – mobile phone – Country/ expertise</u></p> <p>Noa Simon Delso- <a href="mailto:simon@cari.be">simon@cari.be</a> – +32 486 973 920 – Belgium/          Claudio Porrini – <a href="mailto:claudio.porrini@unibo.it">claudio.porrini@unibo.it</a> -- + 39 051 20 9 6294 – Italy/ .....          Amalia-Cristina Tor - <a href="mailto:apiururuguay@gmail.com">apiururuguay@gmail.com</a> – .....Uruguay/ .....          Ales Gregorc - <a href="mailto:ales.gregorc@kis.si">ales.gregorc@kis.si</a> ..... Slovenia / .....          Jean-François Odoux- <a href="mailto:jean-francois.odoux@magneraud.inra.fr">jean-francois.odoux@magneraud.inra.fr</a> --+35 46 68 30 07-France/.....          Jonathan Lundgren- <a href="mailto:jgl.entomology@gmail.com">jgl.entomology@gmail.com</a> -- ++ C 605-695-9878-- South Dacota/ USA          Piotr Medrzycki - <a href="mailto:piotr.medrzycki@crea.gov.it">piotr.medrzycki@crea.gov.it</a>-- +39 051 353103/ Italy .....          Simone Tosi - <a href="mailto:simone.tosi1@gmail.com">simone.tosi1@gmail.com</a> -- +39 051 353103/ Italy .....</p> <p>Etc.</p>
Target(s)	<p>Beekeepers and farmers</p> <p>Ministries of Agriculture &amp; Environment worldwide</p> <p>Scientific community involved in this domain</p> <p>Specialized and general public media</p> <p>Farmers entities</p> <p>Providers of pesticides</p>
Dead line	None
Document(s) provided	<ul style="list-style-type: none"> <li>o Conclusions from Round Table, Kiev 2013 (internal use only)</li> <li>o APIMONDIA declaration, after Dajeon, 2015 (internal use only)</li> <li>o Digital kit "<a href="#">Recognized effects of Agrochemicals</a>" (available to all )</li> </ul> <p>This folder contains separate folders for</p> <p>a) Recognised effects of Agrochemicals to bees_ till 2014 (Neonics and Bees - 50 publications; Neonics effects on humans and other organisms, 14 publications; Pesticides in general and bees, 30 publications</p>

	<p>b) Recognised effects of Agrochemicals to bees_2015-2016 (25 publications)</p> <ul style="list-style-type: none"> <li>○ <a href="#">Summary of the first results of the International online survey on honey bee toxicity events [2014 - 2016]</a></li> <li>○ A letter to the European Parliament Members in respect of the vote taking place in June 14th, 2017 for the ban of chemicals and especially neonicotinoids (available to all).</li> </ul>
Action(s) done	<ul style="list-style-type: none"> <li>• Round Table during 43<sup>rd</sup> Apimondia Congress, Kiev 2013</li> <li>• International Survey on Toxicity events- launched in June 2014 (<a href="https://docs.google.com/forms/d/1rg-24GTQuKeh9Z93iIkTgdxGcbWUlehuTWkBDcf47aQ/viewform?c=0&amp;w=1">https://docs.google.com/forms/d/1rg-24GTQuKeh9Z93iIkTgdxGcbWUlehuTWkBDcf47aQ/viewform?c=0&amp;w=1</a> <a href="#">[Records of toxicity events on honeybee colonies]</a>)</li> <li>• Compilation of files showing the toxicity of pesticides to honey bees to be disseminated to members of Apimondia (beekeeping Associations- beekeepers) as well as to other interested parties - The folders have been updated with publications from 2015 and 2016.</li> <li>• A summary of the results from the online survey on toxicity events</li> </ul>
Results	<ul style="list-style-type: none"> <li>• Continuous collection of data for the toxicity events worldwide</li> </ul>
Suggestions for future actions :	<ul style="list-style-type: none"> <li>- Participation in special session during APIMONDIA Congress, in Istanbul- Turkey, 2017</li> <li>- <a href="#">common plans for collaboration with farmers</a></li> <li>- <a href="#">promoting organic farming and organic beekeeping</a></li> </ul>