Sanità apistica

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Cera d'Ape, un prodotto fuori controllo

Indagine analitica da cui risulta urgente una diversa attenzione e conseguente capacità normativa sulla presenza di sostanze contaminanti in questa matrice versatile, indispensabile per un sano allevamento apistico.

La tabella 1 riporta l'elenco delle sostanze indagate e rilevate classificate per categoria d'uso

	Searched molecules	Positive molecules	LOQ (mg/kg)
Acaricides	Amitraz, Bromopropylate, Chinomethionat, Chlorfenson, Chlorobenzilate, Chloropropylat, Cymiazole, Dicofol, Fenothiocarb, Fenson, Pyridaben, Tebufenpirad, Tetradifon	Amitraz, Bromopropylate, Chlorobenzilate, Chloropropylat, Cymiazole, Tetradifon	0.01
Herbicides	Aclonifen, Alachlor, Ametryn, Atrazine, Benfluralin, Benzoylprop-ethyl, Bifenox, Carfentrazone-ethyl, Chlorthal-dimethyl, Chlortiamide, Cianazin, Diclobenil, Diclofop-methyl, Difenamide, Diflufenican, Dinithramin, Ethalfluralin, Flamprop-isopropyl, Flamprop-methyl, Flamprop-p-butyl, Flufenacet, Flurochloridone, Isopropalyn, Isoxaben, Lenacil, Metolachlor (all the isomers), Metozachlor, Metribuzin, Napropamide, Nitrofen, Oxadiazon, Oxyfluorfen, Pendimethalin, Phenmedipham, Picolinafen, Prometon, Prometryn, Propachlor, Propanyl, Propazine, Propyzamide, Simazine, Simetryn, Terbumeton, Terbutryn, Trifluralyn, Terbuthylazine	Pendimethalin, Terbuthylazine	0.01
Fungicides	Benalaxyl, Bitertanol, Boscalid, Bromucozanole, Bupirimate, Captafol, Captan, Chlorthalonil, Clozolinate, Cyproconazole, Cyprodinil, Diclobrutazol, Diclofluanide, Dicloran, Difenoconazole, Diniconazole, Epoxiconazole, Esaconazole, Etaconazole, Fenarimol, Fenbuconazole, Fenexamid, Fenpropimorf, Flubenzimine, Fludioxinil, Fluopicolide, Fluquiconazole, Flusilazol, Flutolanil, Flutriafol, Fluzinam, Folpet, Furalaxyl, Imazalil, Iprodione, Mepanipyrim, Metalaxyl, Miclobutanyl, Nitrapyrin, Nitrotal isopropyl, Nuarimol, Oxadixyl, Panclobutrazole, Pencicuron, Penconazole, Prochlorax, Procimidone, Propiconazole, Proquinazid, Pyrifenox, Pyrimethanil, Quinoxyfen, Quintozene, Spiroxamine, Tebuconazole, Tetraconazole, Tolifluanide, Triadimefon, Triadimenol, Tricyclazole, Trifloxystrobin, Triflumizole, Vinclozolyn, Zoxamide	Chlorthalonil, Cyprodinil, Fludioxinil, Iprodione, Penconazole, Pyrimethanil, Spiroxamine, Tebuconazole, Tetraconazole, Tolifluanide	0.01
Insecticide	α-Endosulfan, β-Endosulfan, α-HCH, β-HCH, δ-HCH, Acephate, Acibenzolar s-methyl, Acrinathrin, Aldrin, Allethrin, Alphamethrin, Azinphos-ethyl, Azinphos-methyl, Bifenthrin, Bromocyclen, Bromophos-ethyl, Bromophos-methyl, Buprofezin, Cadusaphos, Carbophenothion, Chlordane, Chlorfenapyr, Chlorfenvinphos, Chlormephos, Chlorpyriphos-ethyl, Chlorpyriphos-methyl, Coumaphos, Cyfluthrin, Cypermethrin, Deltamethrin, Dialifos, Diazinon, Dichlofenthion, Dichlorvos, Dicrotophos, Dieldrin, Dimethoate, Disulfoton, Disulfoton sulfoxide, Ditalimfos, Edifenfos, Endrin, Eptenofos, Ethion, Etofenprox, Etoprofos, Etrimfos, Fenamiphos, Fenitrothion, Fenpropathrin, Fenthion, Fentoate, Fipronil, Flonicamid, Flucythrinate, Flumethrin, Flurprimidol, Fonophos, Forate, Formothion, Fosalone, Fosmet, Fosmetoxon, Fosthiazate, Heptachlor, Heptachlor epoxide, Hexachlorobenzene, Indoxacarb, Iodofenfos, Isofenfos, Isofenfos-methyl, Lambda cyhalothrin, Leptophos, Lindane, Malaoxon, Malathion, Mecarbam, Metacriphos, Metamidophos, Methoxychlor, Metidathion, Mevinphos, Mirex, Monocrotophos, *op'*-DDD, *op'*-DDE, *op'*-DDT, Paraoxon ethyl, Paraoxon methyl, Parathion ethyl, Parathion methyl, Pentachloroaniline, Pentachloroanisole, Permethrin, Pertane, Phosphamidon, Piperonil butoxide, Pirazophos, Piridafention, Pirimicarb, Pirimiphos ethyl, Pirimiphos methyl, pp'-DDD, *pp'*-DDE, *pp'*-DDT, Profenofos, Protiofos, Protoate, Pyrethrin, Rotenone, Spirodiclofen, Tau-fluvalinate, Tebupirimiphos, Tefluthrin, Terbuphos, Tetrachlorvinphos, Tetramethrin, Tionazin, Tolclofos methyl, Tralomethrin, Triazophos, Trichlorfon, Vamidothion	α-HCH, Acrinathrin, Chlordane, Chlorfenvinphos, Chlorpyriphos-ethyl, Coumaphos, Cypermethrin, Diazinon, Flumethrin, Heptachlor, Lindane, *op'*-DDD, *op'*-DDT, Permethrin, Piperonil butoxide, *pp'*-DDD, *pp'*-DDE, *pp'*-DDT, Pyrethrin, Rotenone, Spirodiclofen, Tau-fluvalinate, Tetramethrin	0.01