



# **Study on neonicotinoids and other pesticides residue in wines (2018 1st)**

Table.1 Pesticide Residue in Wines (2018)-1

		Name	Country	Year	Producer	Results	(ppm)
1		Red wine Asconi Exceptional Merlot	Moldova	2012	ASCONI	imidacloprid	Tr
						Iprovalicarb	0.001
						Boscalid	0.001
						Dimethomorph	0.002
2		Red wine Cuvee Du President Rouge	Algeria	2015	O.N.V.C(OFFICE NATIONAL DE COMMERCIALISATION DES PRODUITS VITI VINICOLES)	Iprovalicarb	Tr
						Azoxystrobin	Tr
3		Red wine Rouge de Tamagne	Russia	2016	Kuban Vino	Boscalid	0.008
						Cyprodinil	0.002
						Fenoxycarb	Tr
						Azoxystrobin	Tr
						Pyraclostrobin	Tr
Glyphosate	0.02						
4		Red wine Chateau MORNAG VIN ROUGE (MORNAG GRAND CRU)	Tunisia	2015	Les Vignerons de Carthage	imidacloprid	0.006
						Thiacloprid	Tr
						Iprovalicarb	0.015
						Fenhexamid	0.002
						Boscalid	Tr
Glyphosate	0.05						
5		Red wine La Vie PINOT NOIR	Romania	2015	Sc Domeniile Sahateni Sri	Iprovalicarb	0.005
						Fenhexamid	0.006
						Dimethomorph	0.005
						Azoxystrobin	Tr
						Spiroxamine	Tr
Glyphosate	0.02						
6		Red wine CAIEPABI Mater Tardan	Ukraina	2014	SHABO LLC	Iprovalicarb	Tr
						Fenhexamid	0.043
						Boscalid	0.001
						Dimethomorph	0.006
Azoxystrobin	Tr						
7		Red wine SULA MERLOT MALBEC Satori	India	2017	Sula Vineyards Pvt. Ltd.	Thiamethoxam	Tr
						imidacloprid	0.003
						Iprovalicarb	0.012
						Dimethomorph	0.014
						Azoxystrobin	0.004
						Spinosad	Tr
Glyphosate	Tr						
8		Red wine TRAVERSA TANNAT	Uruguay	2016	GRUPO TRAVERSA S.A.	Iprovalicarb	Tr
						Methoxyfenozide	0.014
						Dimethomorph	Tr
						Azoxystrobin	Tr
Glyphosate	0.02						

Table.1 Pesticide Residue in Wines (2018)-2

		Name	Country	Year	Producer	Results	(ppm)
9		Red wine Vang Dalat	Vietnam	2015	Ladora Winery	Thiamethoxam	0.004
						Imidacloprid	0.011
						Acetamiprid	0.001
						Carbofran	Tr
						Fenobucarb	Tr
						Dimethomorph	Tr
						Methoxyfenozide	Tr
						Azoxystrobin	0.002
						Tricyclazole	Tr
Glyphosate	Tr						
10		Red wine OLYMBUS DRY RED WINE	Cyprus	Unkn own	Olympus Wineries Ltd	Thiabendazole	0.001
						Dimethomorph	Tr
						Glyphosate	Tr
11		Red wine MONSOON VALLEY WINE	Thailand	2015	Saim Winery Co.Ltd,	Thiamethoxam	0.012
						Imidacloprid	0.133
						Carbaryl	Tr
						Iprovalicarb	0.011
						Fenhexamid	0.001
						Methoxyfenozide	Tr
						Boscalid	Tr
						Dimethomorph	0.015
Azoxystrobin	Tr						
Glyphosate	Tr						
12		Red wine TERZO ROSO TOSCANO *Organic wine	Italy	2016	LaSelva s.a r.l.u	Not detected	
13		Red wine FRONTERA Carbenet Sauvignon	Chile	2016	CONCHA Y TORO	Imidacloprid	0.002
						Fenhexamid	0.001
						Boscalid	0.002
						Tebfenozide	Tr
						Methoxyfenozide	Tr
Azoxystrobin	Tr						
14		Red wine Chateau Le Mayne-Cabanot A.O.C. Bordeaux	France	2016	VINS DE BORDEAUX	Thiamethoxam	Tr
						Iprovalicarb	Tr
						Fenhexamid	0.015
						Boscalid	0.002
						Cyprodinil	0.002
						Dimethomorph	0.005
Glyphosate	Tr						
15		Red wine Seigneur De la Tour A.O.C. Bordeaux	France	2015	VINS DE BORDEAUX	Dimethomorph	Tr
						Spiroxamine	Tr
						Glyphosate	Tr

Table.1 Pesticide Residue in Wines (2018)-3

		Name	Country	Year	Producer	Results	(ppm)
16		Red wine Chateau les Fermenteaux A.O.C. Bordeaux	France	2015	VINS DE BORDEAUX	Thiamethoxam	0.001
						Dimethomorph	Tr
						Spiroxamine	Tr
17		Red wine Le Grand Humeau A.O.C. Bordeaux	France	2014	VINS DE BORDEAUX	Iprovalicarb	0.002
						Fenhexamid	0.001
						Dimethomorph	Tr
						Glyphosate	0.01
18		Red wine Chateau Liontin A.O.C. Bordeaux	France	2014	VINS DE BORDEAUX	Iprovalicarb	Tr
						Fenhexamid	0.002
						Boscalid	0.002
						Dimethomorph	0.003
						Glyphosate	Tr
19		Red wine La Loge A.O.C. Bordeaux	France	2015	VINS DE BORDEAUX	Thiamethoxam	0.001
						Iprovalicarb	Tr
						Fenhexamid	0.013
						Boscalid	0.015
						Cyprodinil	0.002
						Dimethomorph	0.002
Glyphosate	Tr						
20		White wine *Organic wine	France			Not detected	
21		Red wine *Organic wine	France			Not detected	
22		Red wine *Organic wine	France			Not detected	

Method

LC-MS/MS : Nexera XR / Shimadzu LCMS -8050 / ESI / MRM

Column : Kinetex Biphenyl, 2.6µm, 2.1 mm i.d. × 100 mm, (Phenomenex)

LOQ : Glyphosate 0.01 mg/kg, AMPA 0.5 mg/kg, other pesticide 0.001 mg/kg.

Please check our website for more details([click](#)).

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## [About Nouminren Food Research Laboratory]

The establishment of the WTO in 1995 further pushed Japan to open its agricultural market and import more food, with a serious impact on the safety of food and agriculture.

Under this circumstance, as an institution independent from the government and corporations, NOUMINREN (Japan Family Farmers Movement) Food Research Laboratory on May 20, 1996 was created to protect the safety of food and people's health, thanks to tremendous support from Nouminren members and people concerned about safety of food.

Although at the start, its equipment is insufficient, the lab gradually increased its capacity: the equipment to analyze Genetically Modified Organism (GMO) was introduced in 1999 and the apparatus to find heavy metals in 2003. These updates enabled the lab to work effectively to protect people's health and the safety of food.

Currently the laboratory is well known among the public and greatly influential to the Japanese government for its policy making. It is the lab, formed by the people, works for the people.



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