

Table S2 Maximum Residue Limits (MRL) of pesticides for olives according to the Brazilian Health Regulatory Agency (ANVISA), European Union (EU) and method LOQ

Pesticide	MRL (mg kg <sup>-1</sup> )		
	ANVISA <sup>39</sup>	EU <sup>40</sup>	LOQ (mg kg <sup>-1</sup> )
Acephate	n.a.c.	0.01	0.01
Acetamiprid	0.1	3	0.01
Acetochlor	n.a.c.	0.01	0.01
Aldicarbe sulfone	banned	0.02*	0.01
Aldicarbe sulfoxide	banned	0.02*	n.f.r.
Atrazine	n.a.c.	0.05	0.01
Azamethiphos	n.a.c.	not approved	0.01
Azinphos-methyl	not approved	0.01	0.01
Azoxystrobin	0.3	0.01	0.01
Benfuracarb	n.a.c.	not approved	n.f.r.
Bifenazate	not approved	0.02	0.01
Bitertanol	not approved	0.01	0.01
Boscalid	5	0.01	0.01
Bromuconazol	n.a.c.	0.01	0.01
Bupirimate	not approved	0.01	0.01
Buprofezin	n.a.c.	0.01	0.01
Cadusaphos	n.a.c.	0.01	0.01
Carbaryl	n.a.c.	0.01	0.01
Carbendazim	n.a.c.	0.1	n.f.r.
Carbofuran	banned	0.003	0.01
Carpropamid	not approved	not approved	0.01
Chlorfenvinphos	banned	0.02	0.01
Chlorpyrifos	n.a.c.	0.01	0.02
Clofentezine	not approved	0.02	0.05
Clothianidin	n.a.c.	0.09	0.01
Cyazofamid	n.a.c.	0.01	0.01
Cyproconazole	n.a.c.	0.05	0.01
Cyprodinil	1.5	0.02	0.01
Demeton-S-methylsulfone	not approved	not approved	0.01
Diazinon	not approved	0.01	0.01
Dichlofluanid	not approved	0.01	0.05
Diethofencarb	not approved	0.01	0.01
Difenconazole	0.5	2	0.01
Diphenylamine	not approved	0.05	0.01
Diflubenzuron	n.a.c.	0.01	0.05
Dimethoate	n.a.c.	0.01	0.01
Dimethomorph	n.a.c.	0.01	0.01
Diniconazole	not approved	0.01	0.01
Diuron	n.a.c.	0.01	0.01
Epoxiconazole	n.a.c.	0.01	0.01
Ethion	not approved	0.01	0.01
Ethirimol	not approved	0.01	0.01
Etofenprox	n.a.c.	0.01	0.01
Ethoprophos	n.a.c.	0.01	0.01

Table S2 (continued)

Pesticide	MRL (mg kg <sup>-1</sup> )		LOQ (mg kg <sup>-1</sup> )
	ANVISA <sup>39</sup>	EU <sup>40</sup>	
Ethiprole	n.a.c.	not approved	0.01
Etoazole	n.a.c.	0.01	0.01
Fenamidone	n.a.c.	0.01	0.01
Fenamiphos	not approved	0.05	0.01
Fenarimol	not approved	0.02	0.01
Fenazaquin	not approved	0.01	0.01
Fenbuconazole	not approved	0.01	0.01
Fenhexamid	not approved	0.01	0.01
Fenobucarb	not approved	not approved	0.01
Fenoxycarb	not approved	3	0.01
Fenpropimorph	n.a.c.	0.01	0.01
Fenpyroximate	0.01	0.01	0.01
Fensulfothion	banned	not approved	0.01
Fluazifop-butyl	n.a.c.	0.01	0.01
Fludioxonil	n.a.c.	0.01	n.f.r.
Flufenoxuron	n.a.c.	0.01	0.01
Fluquiconazole	n.a.c.	0.01	0.01
Flusilazole	not approved	0.01	0.01
Flutolanil	n.a.c.	0.01	0.01
Flutriafol	0.5	0.01	0.01
Fostiazato	n.a.c.	0.02	0.01
Furalaxyl	not approved	not approved	0.01
Furathiocarb	banned	not approved	0.01
Halofenozide	not approved	not approved	0.01
Haloxyfop-2-ethoxyethyl	not approved	0.01	0.01
Hexaconazole	not approved	0.01	0.01
Hexythiazox	n.a.c.	0.01	0.01
Imazalil	n.a.c.	0.01	0.01
Imazapic	n.a.c.	0.01	n.f.r.
Imidacloprid	n.a.c.	0.01	0.01
Indoxacarb	banned	0.02	0.01
Iprovalicarb	not approved	0.01	0.01
Kresoxim-methyl	1.5	0.2	0.01
Linuron	n.a.c.	0.01	0.01
Malathion	n.a.c.	0.02	0.01
Mecarbam	not approved	0.01	0.01
Mepanipyrim	not approved	0.01	0.01
Metalaxil	banned	0.05	0.01
Metconazole	n.a.c.	0.02	0.01
Methamidophos	banned	0.01	0.01
Methidathion	n.a.c.	0.02	0.01
Methiocarb	not approved	0.03**	0.01
Methiocarb sulfone	not approved	0.03**	0.01
Methiocarb sulfoxide	not approved	0.03**	n.d.

Table S2 (continued)

Pesticide	MRL (mg kg <sup>-1</sup> )		
	ANVISA <sup>39</sup>	EU <sup>40</sup>	LOQ (mg kg <sup>-1</sup> )
Methomyl	n.a.c.	0.01	0.01
Methoxyfenozide	n.a.c.	0.01	n.f.r.
Monocrotophos	banned	0.01	0.01
Myclobutanil	n.a.c.	0.01	0.01
Nitenpyram	not approved	not approved	0.01
Ofurace	not approved	not approved	0.01
Omethoate	banned	0.01	0.01
Oxadixyl	banned	0.01	0.01
Oxamyl	banned	0.01	0.01
Paclobutrazol	n.a.c.	0.01	0.01
Penconazole	not approved	0.01	0.01
Pencycuron	n.a.c.	0.02	0.01
Pendimethalin	n.a.c.	0.05	0.01
Phenothrin	n.a.c.	0.02	0.01
Phenthoate	not approved	not approved	n.d.
Phosalon	banned	0.01	0.02
Phosmet	n.a.c.	0.01	0.01
Picoxystrobin	1.5	0.01	0.01
Piperonyl butoxide	not approved	not yet assesses at EU level	0.01
Pirazophos	banned	0.01	0.01
Pirimicarb	not approved	0.01	n.f.r.
Pirimiphos-methyl	n.a.c.	0.01	0.01
Pirimiphos-ethyl	not approved	not approved	0.01
Prochloraz	banned	0.03	0.01
Profenofos	n.a.c.	0.01	0.01
Prometryn	n.a.c.	not approved	0.01
Propamocarb	n.a.c.	0.01	n.f.r.
Propanil	n.a.c.	0.01	0.05
Propargite	0.04	0.01	0.01
Propham	not approved	0.01	0.01
Propiconazole	n.a.c.	0.01	0.01
Propyzamide	not approved	0.01	0.01
Pyraclostrobin	1.5	0.02	0.01
Pyridaben	n.a.c.	0.01	0.01
Pyrimethanil	n.a.c.	0.02	0.01
Pyriproxyfen	n.a.c.	0.05	0.01
Quinoxifen	not approved	0.02	0.01
Simazine	n.a.c.	0.01	0.01
Spinosyn D	n.a.c.	0.02***	0.01
Spinosyn A	n.a.c.	0.02***	0.01
Spirodiclofen	n.a.c.	0.02	0.01
Spiromesifen	n.a.c.	0.02	0.01
Spiroxamine	not approved	0.01	0.01
Tau-Fluvalinate	banned	0.01	0.01

Table S2 (continued)

Pesticide	MRL (mg kg <sup>-1</sup> )			LOQ (mg kg <sup>-1</sup> )
	ANVISA <sup>39</sup>	EU <sup>40</sup>		
Tebuconazole	n.a.c.	0.5		0.01
Tebufenoxide	n.a.c.	0.01		0.01
Tebufenpyrad	not approved	0.01		0.01
Tetrachlorvinphos	not approved	not approved		0.01
Tetraconazole	n.a.c.	0.01		0.01
Tetramethrin	n.a.c.	not approved		0.01
Thiabendazole	n.a.c.	0.01		0.01
Thiacloprid	n.a.c.	4		0.01
Thiamethoxam	n.a.c.	0.4		n.f.r.
Thiodicarb	n.a.c.	0.01		0.01
Thiophanate-methyl	0.5	0.1		n.f.r.
Triadimefon	not approved	0.01		0.01
Triadimenol	n.a.c.	0.01		0.05
Triazophos	not approved	0.01		0.01
Trifloxystrobin	n.a.c.	0.3		0.01
Triflumizole	n.a.c.	0.02		0.01
Triticonazole	n.a.c.	0.01		0.01
Zoxamide	n.a.c.	0.02		0.01

n.a.c.: not allowed for the crop

\*sum of aldicarb, its sulfoxide and its sulfone, expressed as aldicarb

\*\*sum of methiocarb and methiocarb sulfoxide and sulfone, expressed as methiocarb

\*\*\*spinosad, sum of spinosyn A and spinosyn D