

Date: 20.07.2015

**Harmonised list of compounds to be monitored in Pomegranate**

Sr. No.	Chemicals	MRLs mg/kg
1.	1-Naphthylacetic acid (alphanaphthyl acetic acid)	0.05*
2.	2,4-D (sum of 2,4-D and its esters expressed as 2,4-D)	0.05*
3.	2-Bromo-2-nitropropane-1,3-diol	0.01*
4.	4- CPA (4 Chlorophenoxy acetic acid)	0.01*
5.	4-bromo-2-chlorophenol (metabolite of Profenophos)	0.01*
6.	6-Benzyl adenine	0.01*
7.	Abamectin (sum of avermectin B1a, avermectinB1b and delta-8,9 isomer of avermectin B1a)	0.01*
8.	Acephate	0.01*
9.	Acetamiprid	0.01*
10.	Alachlor	0.01*
11.	Aldrin (Aldrin and dieldrin combined expressed as dieldrin)	0.01*
12.	Allethrin and Bioallethrin	0.01*
13.	Ametoctradin	0.01*
14.	Atrazine	0.05*
15.	Azadirachtin	0.01*
16.	Azoxystrobin	0.05*
17.	Benalaxyl including other mixtures of constituent isomers including Benalaxyl-M (sum of isomers)	0.05*
18.	Bendiocarb	0.01
19.	Benfuracarb	0.02*
20.	Benomyl (see carbendazim)	0.1*
21.	Bifenazate (sum of bifenazate plus bifenazate-diazene expressed as bifenazate) (F)	0.01*
22.	Bifenthrin	0.05*
23.	Bitertanol	0.01*
24.	Buprofezin	0.05*
25.	Butachlor	0.01*
26.	Cadmium	0.05#
27.	Captafol	0.02*
28.	Captan	0.02*
29.	Carbaryl	0.01*
30.	Carbendazim (including Benomyl)	0.1*
31.	Carbofuran (sum of Carbofuran and 3-hydroxy-carbofuran expressed as Carbofuran)	0.01*
32.	Carbosulfan	0.01*
33.	Carboxin	0.05*
34.	Cartap hydrochloride	0.01*
35.	Chlorantraniliprole	0.4
36.	Chlordane (cis & trans)	0.01*
37.	Chlorfenapyr	0.01*
38.	Chlorfenvinphos	0.01*
39.	Chlormequat (CCC)	0.05*
40.	Chlorothalonil	0.01*

41.	Chlorpyrifos	0.05*
42.	Chlorpyrifos methyl	0.05*
43.	Clothianidin	0.02*
44.	Cyantraniliprole	0.01*
45.	Cyazofamid	0.01*
46.	Cyfluthrin (including other mixtures of constituent isomers sum of isomers)	0.02*
47.	Cymoxanil	0.05*
48.	Cypermethrin (including other mixtures of constituent isomers sum of isomers)	0.05*
49.	Dazomet (Methylisothiocyanate resulting from the use of Dazomet and metam)	0.02*
50.	DDT (all isomers, sum of p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) expressed as DDT)	0.05*
51.	Deltamethrin (cis-deltamethrin) (F)	0.05*
52.	Diafenthiuron	0.01*
53.	Diazinon	0.01*
54.	Dichlorvos	0.01*
55.	Dicofol (sum of p, p' and o,p' isomers)	0.02*
56.	Dieldrin (see Aldrin)	0.01*
57.	Difenoconazole	0.1
58.	Diiflubenzuron	0.05*
59.	Dimethoate (sum of dimethoate and omethoate expressed as dimethoate)	0.02*
60.	Dimethomorph (sum of isomers)	0.01*
61.	Dinocap (sum of dinocap isomers and their corresponding phenols expressed as dinocap) and Meptyldinocap	0.02*
62.	Dinotefuran	0.01*
63.	Diquat	0.05*
64.	Dithianon	0.01*
65.	Dithiocarbamates (dithiocarbamates expressed as CS <sub>2</sub> , including maneb, mancozeb, metiram, propineb, thiram and ziram)	0.05*
66.	Diuron (Diuron including all components containing 3,4- dichloroaniline moiety expressed as 3,4-dichloroaniline)	0.01*
67.	Dodine	0.05*
68.	Edifenphos	0.01*
69.	Emamectin benzoate B1a, expressed as emamectin	0.01*
70.	Endosulphan (All isomers, sum of <i>alpha</i> - and <i>beta</i> -isomers and endosulphan sulphate expressed as endosulphan)	0.05*
71.	Endrin	0.01*
72.	Ethephon	0.05*
73.	Ethion	0.01*
74.	Ethofenprox (Etofenprox)	1
75.	Etrimfos	0.01*
76.	Famoxadone	0.01*
77.	Fenamidone	0.02*
78.	Fenarimol	0.02*
79.	Fenazaquin	0.01*
80.	Fenitrothion	0.01*
81.	Fenobucarb	0.01*
82.	Fenpropathrin	0.01*

83.	Fenpyroximate	0.05*
84.	Fenthion (fenthion and its oxigen analogue, their sulfoxides and sulfone expressed as parent) (F)	0.01*
85.	Fenvalerate (any ratio of constituent isomers (RR, SS, RS & SR) including esfenvalerate) (F) (R)	0.02*
86.	Fenvalerate and Esfenvalerate (Sum of RS & SR isomers) (F)	0.02*
87.	Fipronil (sum of fipronil + sulfone metabolite (MB46136) expressed as fipronil)	0.005*
88.	Flonicamid (sum of flonicamid, TNFG and TNFA) (R)	0.05*
89.	Flubendiamide	0.01*
90.	Flufenacet (sum of all compounds containing the N fluorophenyl-N-isopropyl moiety expressed as flufenacet equivalent)	0.05*
91.	Flufenoxuron	0.05*
92.	Flufenzine	0.02*
93.	Fluopicolide	0.01*
94.	Flusilazole	0.01*
95.	Forchlorfenuron (CPPU)	0.01*
96.	Fosetyl-Al (sum fosetyl + phosphorous acid and their salts, expressed as fosetyl)	75
97.	Gibberellic acid	0.01*
98.	Glufosinate-ammonium (sum of glufosinate, its salts, MPP and NAG expressed as glufosinate equivalents)	0.1*
99.	Glyphosate	0.1*
100.	HCH (sum of isomers, except the <i>gamma</i> isomer)	0.01*
101.	Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)	0.01*
102.	Hexaconazole	0.01*
103.	Hexythiazox	0.5
104.	Homobrassinolide	0.01*
105.	Imidacloprid	1
106.	Indoxacarb (sum of indoxacarb and its R enantiomer) (F)	0.02*
107.	Iodosulfuron-methyl (sum of iodosulfuron-methyl and its salts, expressed as iodosulfuron-methyl)	0.01*
108.	Iprobenphos	0.01*
109.	Iprodione (R)	0.02*
110.	Iprovalicarb	0.01*
111.	Isoprothiolane	0.01*
112.	Isoproturon	0.01*
113.	Kresoxim-methyl (F) (R)	0.05*
114.	Lambda-Cyhalothrin (F) (R)	0.02*
115.	Lead	0.10#
116.	Lindane ( <i>gamma</i> -HCH)	0.01*
117.	Linuron	0.05*
118.	Lufenuron(F)	0.02*
119.	Malathion (sum of malathion and malaoxon expressed as malathion)	0.02*
120.	Mandipropamid	0.01*
121.	Mepiquat	0.05*
122.	Metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers))	0.05*

123.	Methamidophos	0.01*
124.	Methomyl and Thiodicarb (sum of methomyl and thiodicarb expressed as methomyl)	0.02*
125.	Metolachlor and S-metolachlor (metolachlor including other mixtures of constituent isomers including S-metolachlor (sum of isomers))	0.05*
126.	Metribuzin	0.10*
127.	Milbemectin (sum of milbemycin A4 and milbemycin A3, expressed as milbemectin)	0.02*
128.	Monocrotophos	0.01*
129.	Myclobutanil	0.02*
130.	Novaluron	0.01*
131.	Omethoate (refer to Dimethoate)	0.02*
132.	Oxadiazon	0.05*
133.	Oxycarboxin	0.01*
134.	Oxydemeton- methyl (sum of oxydemeton methyl and demeton-S-methylsulfone expressed as oxydemeton methyl)	0.01*
135.	Oxyfluorfen	0.05*
136.	Paclobutrazol	0.5
137.	Paraquat	0.02*
138.	Parathion	0.05*
139.	Parathion methyl (sum of Parathion methyl and paraoxon methyl expressed as Parathion methyl)	0.01*
140.	Penconazole (F)	0.05*
141.	Pencycuron	0.05*
142.	Pendimethalin	0.05*
143.	Permethrin (sum of isomers)	0.05*
144.	Phenthoate	0.01*
145.	Phorate (sum of phorate, its oxygen analogue and their sulfones expressed as phorate)	0.01*
146.	Phosalone	0.01*
147.	Phosphamidon	0.01*
148.	Pirimiphos-methyl	0.05*
149.	Profenophos	0.01*
150.	Propamocarb (Sum of propamocarb and its salts, expressed as propamocarb) (R)	0.01*
151.	Propanil	0.01*
152.	Propargite (F)	0.01*
153.	Propetamphos	0.01*
154.	Propiconazole	0.05*
155.	Propoxur	0.05*
156.	Pyraclostrobin (F)	0.02*
157.	Pyridaben	0.5
158.	Pyriproxyfen	0.05*
159.	Quinalphos	0.05*
160.	Simazine	0.01*
161.	Spinosad: sum of spinosyn A and spinosyn D, expressed as spinosad (F)	0.02*
162.	Spirodiclofen (F)	0.02*
163.	Spiromesifen	0.02*
164.	Streptomycin	0.01*

165.	Tau-Fluvalinate (F)	0.01*
166.	Tebuconazole (R)	0.02*
167.	Temephos	0.01*
168.	Tetraconazole (F)	0.02*
169.	Tetracycline	0.01*
170.	Thiacloprid (F)	0.02*
171.	Thiamethoxam (sum of thiamethoxam and clothianidin expressed as thiamethoxam)	0.05*
172.	Thiobencarb (4-chlorobenzyl methyl sulfone) (A)	0.01*
173.	Thiodicarb (see Methomyl)	0.02*
174.	Thiometon	0.01*
175.	Thiophanate-methyl	0.10*
176.	Transfluthrin	0.01*
177.	Triadimefon and triadimenol (sum of triadimefon and triadimenol) (F)	0.1*
178.	Triazophos	0.01*
179.	Trichlorfon	0.01*
180.	Tricyclazole	0.05*
181.	Tridemorph	0.01*
182.	Trifloxystrobin (F) (R)	0.02*
183.	Trifluralin	0.01*
184.	Uracil	1.00†

\* EU-MRL set at LOQ (mg/kg) as per

[http://ec.europa.eu/sanco\\_pesticides/public/index.cfm?event=substance.select](http://ec.europa.eu/sanco_pesticides/public/index.cfm?event=substance.select)

#Reference for MRL on heavy metals: Commission Regulation (EC) No 1881/2006 of 19<sup>th</sup> December 2006

(F) = Fat soluble

(R) = Residue definition includes metabolites/isomers