

Apples - MRL Notes Datasheet



Active Ingredient	Maximum Residue Levels (ppm)														
	Codex	Canada	China	Hong Kong	India	Indonesia	Iran	Malaysia	Mexico	Oman	Singapore	Switzerland	Taiwan	Thailand	Vietnam Export default MRL
(1-naphthyl) acetamide (NAD)	-	-	-	-	-	-	-	-	0.15	-	-	0.1 Annex to Regulation (EC) No 149/2008	-	-	-
2-(1-naphthyl) acetic acid (NAA)	-	-	0.10	0.15 Pome fruit	-	-	-	-	0.15	-	-	1.0 Annex to Regulation (EC) No. 839/2008	-	-	-
β-benzyl adenine (BA)	-	-	-	-	-	-	-	-	-	-	-	0.01	-	-	-
Abamectin	0.01 Pome fruit	0.02 pear and apple	0.02	0.02	-	0.02	0.02	-	0.02	-	-	0.01 Annex to Regulation (EU) No 508/2011	0.02	-	0.02
Acetamiprid	0.8	1.0 pear and apple	0.80	1.0 Pome fruit	-	-	1.00	-	1.0 Pome	-	-	0.8 Fruit, Annex to Regulation (EU) No 87/2014	1.0 Pome	-	0.80
Alpha-Cypermethrin	0.7 (pome, as cypermethrin including alpha- and zeta-cypermethrin)	1.0 Pome as cypermethrin	2.0 as cypermethrin	2.0 (pome, as Cypermethrin)	-	-	1.0 as cypermethrin	-	-	Restricted use	2.0 Pome as cypermethrin/ isomers	1.0 (Fruit as cypermethrin) Annex to Regulation (EU) No 520/2011	2.0 Pome as cypermethrin	-	0.7 (pome, as cypermethrin including alpha- and zeta-cypermethrin)
Aviglycine HCL (Aminoethoxyvinylglycine Hydrochloride)	-	0.08	-	0.08	-	-	-	-	-	-	-	-	0.08	-	-
Azadirachtin	-	-	-	-	-	-	-	Exp. Fruit	Exp.	-	-	1.0 Annex to Regulation (EC) No 149/2008	Exp.	-	-
Azinphos-Methyl	0.05	2.0 pear and apple	2.00	0.05	-	0.05	[2.0 MRL eliminated from September 2010]	-	-	Prohibited use	1.00 Fruit	0.05 Annex Regulation (EC) No 149/2008 and Annex to Regulation (EC) No. 839/2008	-	-	0.05
Bacillus Thuringiensis	-	-	Exp.	Exp.	-	-	-	Exp. Fruit	-	-	-	No MRL required	Exp.	-	-
Beauveria bassiana	-	-	Exp.	Exp.	-	-	-	-	-	-	-	No MRL required	-	-	-
Benomyl	3.0 Pome as carbendazim	5.0 pear and apple, as Carbendazim	-	3.0 Pome as carbendazim	5.0 Other fruits	-	3.00	-	-	Prohibited use	5.00 Pome	0.2 as carbendazim	3.00 Pome as carbendazim	-	0.20
Beta-Cyfluthrin	0.1 as cyfluthrin	-	0.50	0.5 Pome fruit, as Cyfluthrin (sum of isomers)	-	0.10	-	-	0.5 as cyfluthrin Pome	-	-	0.20 as cyfluthrin, Pome fruit Annex to Regulation (EU) No 737/2014 (Amendment Annex II) Annex to Regulation (EU) No 491/2014 (Amendment Annex III)	0.5 as cyfluthrin	-	0.1 as cyfluthrin
Beta-Cypermethrin	0.7 (pome, as cypermethrin including alpha- and zeta-cypermethrin)	1.0 (1.0 as cypermethrin)	2.0 as cypermethrin	2.0 Pome fruit, as Cypermethrin (sum of isomers)	-	-	1.0 as cypermethrin	-	2.0	Restricted use	2.00 Pome as Cypermethrin/ isomers	1.00 (Fruit as cypermethrin) Annex to Regulation (EU) No 520/2011	2.0 as cypermethrin	-	0.7 (pome, as cypermethrin including alpha- and zeta-cypermethrin)
Bifenthrin	-	-	0.50	0.5 Pome fruit	(Draft proposed MRL 0.5)	-	-	-	0.50	Prohibited use	-	0.3 Pome Annex to Regulation (EU) No 441/2012	0.5 Pome	-	-
Bollworm Nucleopolyhedrovirus	-	-	-	-	-	-	-	-	-	-	-	No MRL required	-	-	-
Botanical extracts (Natural pyrethrin)	-	1.0	-	1.0	1.0 Fruits and Vegetables	-	-	-	1.00	-	1.0 Fruits	1.0 Fruits	0.3 Other cereals and crops	-	-
Bupirimate	-	-	-	-	-	-	-	-	-	-	-	0.20	2.00 Pome	-	-
Cadusafos	-	-	0.02 Pome fruit	-	-	-	-	-	-	Restricted use	-	-	-	-	-
Captan	15.0 Pome fruit	5.0 apple and pear	15.00	15.0 Pome fruit	15.0 Fruit	-	25.0	-	25.0	Prohibited use	25.0	3.00 Pome Annex to Regulation (EU) No 251/2013	25.0	-	(Banned chemical)
Carbaryl	-	5.0 and pear apple	-	12.0 Pome fruit	-	-	[0.05 MRL eliminated from September 2010]	-	12.0 Pome	Prohibited use	5.00	0.01 Fruit Annex to Regulation (EU) No 899/2012	0.5 Pome	-	-
Chlorantraniliprole	0.4 Pome fruit	0.4 apple and pear	2.00	1.20	-	-	-	-	1.20	-	-	0.5 Annex of the regulation (EC) No. 2017/1016	0.50	-	0.4 Pome
Chlorphenapyr	-	-	-	-	-	-	-	-	-	-	-	0.01 Annex to Regulation (EU) No 899/2012	1.0	-	-
Chlorpyrifos	1.0 Pome fruit	0.01	1.0 pome	1.0 Pome fruit	0.5 Fruits	-	1.0	-	0.01	Restricted use	1.0	0.01	1.0 Other pome	-	1.0 Pome
Codling Moth Granulosis Virus	-	-	-	Exp.	-	-	-	-	-	-	-	-	-	-	-
Codling moth and Oriental fruit moth granulosis virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper Oxychloride	-	50.0 All food crops	-	-	20.0 Fruit	-	5.0	Exp. Fruit	Exp.	-	30.0 (Fresh Fruit and Vegetables) (Tenth schedule, regulation 31)	15.0 Pome	Omitted (Exp.)	-	-
Cyanamide	-	-	-	-	-	-	-	-	-	Prohibited use	-	0.05 Annex to Regulation (EC) No 149/2008	-	-	-
Cytraniliprole	0.8 Pome fruit	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyhexatin	0.20	-	-	0.20	-	0.2	Banned pesticide	-	-	Prohibited use	2.0	0.2 as Azoxystrobin, Annex to Regulation (EU) No 899/2012	Prohibited use	-	0.20
Cypermethrin	0.7 Pome fruit	1.0	2.0	2.0	-	-	1.0	-	-	Restricted use	2.00 Pome Cypermethrin/ isomers	1.00 Fruit Annex to Regulation (EU) No 520/2011	2.00 Pome	-	0.7 Pome
Cyprodinil	2.00	1.70	-	1.7 Pome fruit	-	0.05	-	-	1.7 Pome	-	-	1.5 Annex to Regulation (EU) No 1004/2013	1.00 Pome	-	0.05
Deltamethrin	0.20	0.4	0.10	0.2 Pome fruit	-	0.20	0.20	-	-	-	0.1 Pome	0.20	0.2 Other pome (except peach)	-	0.20

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Diacydimethylammonium chloride	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Difenoconazole	0.8 Pome fruit	5.0 Pome fruit	0.50	1.0 Pome fruit	0.01	-	-	-	5.00	-	-	0.5 Fruit Annex to Regulation (EU) No 54/2013	1.00	-	0.5 Pome
Diphenylamine	10.0	5.0	5.0	10.0	-	10.0	-	-	10.0	-	5.0	0.1 Regulation (EU) No 772/2013	10.0	-	10.0
Dithianon	1.0 Pome fruit	-	5.00	5.0 Pome fruit	0.10	-	-	-	-	-	-	0.3 Pome fruit	3.00	-	5.0 Pome
Dodine	5.0 Pome fruit	5.0 apple and pear	5.0 Pome	5.0 Pome fruit	5.00	-	5.00	-	5.00	-	5.00	0.9 Pome fruit	2.00 Pome	-	5.0 Pome
Emamectin benzoate	0.02 Emamectin	-	-	0.025 Pome fruit	-	-	-	-	0.025	-	-	0.02 Fruit, Annex to Regulation (EU) No 293/2013	0.03	-	0.02 Emamectin
Entomopathogenic nematodes for weevil and codling moth control	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Esfenvalerate	-	-	1.00	1.00	-	-	2.0 as fenvalerate	-	1.00	-	-	0.1 as Fenvalerate, Annex to Regulation (EU) No 491/2014	1.0 Pome, as Fenvalerate	-	2.0 Pome, as Fenvalerate
Etoxazole	0.07	0.2	-	0.2 Pome fruit	-	-	0.20	-	0.2 Pome	-	-	0.07 Annex to Regulation (EU) No 293/2013	0.20	-	0.07
Fenazaquin	-	-	-	-	(Draft proposed MRL 0.2)	-	0.50	-	-	-	-	0.2 Pome fruit	0.5 Pome	-	-
Fenbuconazole	0.5 Pome fruit	0.4	0.1 Pome	0.1 Pome fruit	-	-	-	-	0.40	-	-	0.5 Annex to Regulation (EU) No 491/2014	0.5	-	0.1 Pome
Fenbutatin-Oxide	5.0 Pome fruit	3.0 pear and apple	5.0	15.0	-	-	-	-	15.0	-	5.0	2.00 Annex to Regulation (EC) No 1050/2009, Amending the 19.12.2009	2.00 Pome	-	5.0 Pome
Fenoxycarb	-	-	-	-	-	-	-	-	-	-	-	1.0 Annex to Regulation (EC) No 149/2008	0.01 Others (vegetables and fruits)	-	-
Fludioxonil	5.0 Pome fruit	5.0	-	5.0 (pome)	-	-	-	-	5.0	-	-	5.0 Annex to Regulation (EU) No 79/2014	5.0	-	5.0 (pome)
Flufenoxuron	-	1.0	1.0	1.0	-	-	-	-	-	-	-	0.5 Annex to Regulation (EC) No 1050/2009	1.0	-	-
Fluopyram	0.5 Pome fruit	0.8	-	-	-	-	-	-	0.80	-	-	0.6 Annex to Regulation (EU) No 491/2014	0.5 Other pome	-	-
Flusilazole	0.3 Pome fruit	0.2 apple	0.20	0.3 Pome fruit	(0.05 - Draft GSR 261 E 20/04/09)	-	-	-	-	-	-	0.1 Pome fruit	0.2 Pome	-	0.2 Pome
Fluxapyroxad	0.9 Pome fruit	0.8	-	-	(Draft proposed MRL 0.05)	-	-	-	0.8	-	-	0.9 Pome, Annex to Regulation (EU) No 491/2014	0.9 Other pome	-	0.9 Pome fruit
Formetanate	-	3.0	-	0.5	-	-	-	-	-	-	-	0.01 Annex to Regulation (EU) No 61/2014	0.5	-	-
Furfural	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gamma-Cyhalothrin	0.2 Pome, as lambda- cyhalothrin	0.3 Pome, as Lambda- cyhalothrin	0.2 as Lambda-cyhalothrin	0.2 Pome as cyhalothrin (Sum of all isomers)	-	-	-	-	0.30	Restricted use	-	0.01 Pome Annex to Regulation (EU) No 834/2013	(0.4 as Cyhalothrin)	-	0.2 Pome, as cyhalothrin
Hexaconazole	-	-	0.50	-	-	-	-	-	-	-	-	0.01	1.00	-	-
Gibberellins	-	-	-	-	-	-	-	-	-	-	-	No MRL required	5.0 Pome	-	-
Imidacloprid	0.5	0.6	0.5	0.5	-	0.5	0.5	-	0.5	Restricted use	-	0.5 Annex to Regulation (EU) No 491/2014	0.5	-	0.50
Indoxacarb	0.50	-	-	1.0 Pome fruit	-	0.50	0.50	-	1.00	-	-	0.50	0.5	-	0.5
Iprodione	5.0 Pome fruit	-	5.00	5.0 Pome fruit	-	-	-	-	-	-	10.00	6.00 Fruit, Annex to Regulation (EC) No 149/2008	5.00 Pome	-	5.0 Pome
Kresoxim-Methyl	0.2 Pome fruit	0.5 pear and apple	0.20	0.2 Pome fruit	-	-	2.00	-	0.5 Pome	-	-	0.2 Pome Annex to Regulation (EU) No 251/2013 (Amendment Annex II) Annex to Regulation (EU) No 364/2014 (Amendment Annex III)	1.00 Pome	-	0.2 Pome
Lambda-Cyhalothrin	0.2 Pome fruit	0.3 pear and apple	0.20	0.2 Pome as cyhalothrin (Sum of all isomers)	-	-	-	-	0.3 Pome	Restricted use	-	0.1 Pome Annex to Regulation (EU) No 834/2013	0.4 Pome as cyhalothrin	-	0.2 Pome, as cyhalothrin
Mancozeb	5.0 Pome as Dithiocarb	7.0 apple and pear (Dithiocarb.)	5.00	7.0 Dithiocarb.	3.0 Other fruit (Dithiocarb./CS)	-	2.0 as Dithiocarb	-	0.6	Prohibited use	3.0 (Dithiocarb.)	5.0 Pome, Dithiocarb	2.5 Pome Dithiocarb.	-	5.0 Pome as Dithiocarb
Maneb	5.0 Pome as Dithiocarb	7.0 pear and apple (Dithiocarb.)	-	7.0 Dithiocarb.	3.0 Other fruit (Dithiocarb./CS)	-	2.0 as Dithiocarb	-	-	Prohibited use	3.0 (Dithiocarb.)	5.0 Pome, Dithiocarb	2.5 Pome Dithiocarb.	-	5.0 Pome as Dithiocarb
Mercaptothion (Malathion)	0.5	2.0 pear and apple	-	8.0	4.0 Fruits	0.5	0.5	-	8.0	-	-	0.02 Annex to Regulation (EU) No 270/2012	0.5	-	0.50
Metamitron	-	0.1	-	-	-	-	-	-	-	-	-	0.10	-	-	-
Methidathion	0.50	0.5 pear and apple	0.05 Pome fruit	0.50	-	0.50	Banned pesticide	-	-	Prohibited use	0.20	0.03 Annex to Regulation (EU) No 310/2011	-	(Draft proposed MRL 0.1)	0.50
Methoxyfenozide	2.0 Pome fruit	1.5 apple and pear	3.00	3.00	-	-	-	-	2.00	-	-	2.00 Pome, Annex to Regulation (EU) No 491/2014	1.5	-	2.0 Pome
Methylcyclopropene	-	0.01 apple and pear	-	-	-	-	-	-	-	-	-	0.01 Schedule Regulation (EC) No. 149/2008	0.01	-	-
Methyl eugenol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Methyl-Parathion (Parathion-methyl)	0.20	-	0.01	0.20	0.2 Fruits	0.20	Banned pesticide (Maximum limit 0.05)	-	Tolerance withdrawn in USA	Prohibited use	Parathion 0.5	0.01 Annex to Regulation (EU) No 899/2012	0.2	-	(Banned chemical)
Metiram	5.00 Pome as Dithiocarb	7.0 (Dithiocarbs)	-	7.00 Dithiocarb	3.00 Other fruit (Dithiocarbs./CS2) (Draft proposed MRL 0.5)	-	2.0 as Dithiocarbs	-	-	-	3.00 (Dithiocarbs.)	5.00 Pome (dithiocarbs)	2.5 Pome Dithiocarbs.	-	5.00 Pome as Dithiocarb
Milbemectin	-	-	-	-	-	-	-	-	-	-	-	0.02 Annex to Regulation (EU) No 1317/2013	0.2 Pome	-	-
Mineral Oil	-	-	-	Exp.	-	-	-	Exp. Fruit	-	-	-	-	-	-	-
Myclobutanil	0.6 Pome fruit	0.5	0.5	0.5 Pome fruit	(Draft proposed MRL 0.01)	-	-	-	0.5	-	-	0.6 Pome. Annex of the regulation (EU) 2016/667	0.5 Pome	-	0.5 Pome
Novaluron	3.0 Pome fruit	2.0 pear and apple	3.0 Pome	3.0 Pome fruit	-	-	-	-	3.00	-	-	2.00	2.0	-	3.0 Pome
Penconazole	0.2 Pome fruit	-	0.20	0.20	(Draft proposed MRL 0.1)	-	-	-	-	-	-	0.2 Pome Regulation (EC) No. 149/2008	0.2 Pome	-	0.2 Pome
Pirimicarb	1.0 Pome fruit	0.5	1.0 Pome	1.0 Pome fruit	-	-	1.00	-	-	-	Primidicarb 1.00 Pome	1.20	1.0 Other pome	-	1.0 Pome
Prohexadione-Calcium	-	3.0	-	3.0 Pome fruit	(Draft proposed MRL 0.01)	-	-	-	-	3.0 Pome	-	0.1 Annex to Regulation (EU) No 241/2013 (modification of Annex II) Annex to Regulation (EU) No 750/2010 (modification of Annex III) prohexadione and its salts expressed as prohexadione	3.00	-	-
Potassium bicarbonate	-	-	-	-	-	-	-	-	-	-	-	No MRL required	MRLs Omitted (Exp.)	-	-
Propargite	3.0	3.0	5.0	5.0 Pome fruit	(Draft proposed MRL 3.0)	3.0	-	-	-	Prohibited use	3.0	1.5 Pome fruit	3.0	-	3.00
Propineb	5.0	7.0 pear and apple (Dithiocarbs.)	5.0	7.0 (Dithiocarbs.)	1.00	-	Suspended pesticide	-	-	-	3.0 (Dithiocarbs.)	0.3 (expressed as propylenediamine)	2.5 (Dithiocarbs.)	-	-
Prothiofos	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyraclostrobin	0.50	1.50	0.50	0.50	(Draft proposed MRL 0.5)	0.50	-	-	1.5 Pome	-	-	0.40	1.00	-	0.5
Pyrimethanil	15.0 Pome fruit	15.0	7.0 Pome fruit	14.0 Pome fruit	-	-	-	-	15.00	-	-	15.0 Fruit, Annex to Regulation (EU) No 87/2014	7.00	-	7.0 Pome
Soybean oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spinetoram	0.05 Pome	0.2	-	0.05 Pome fruit	-	-	-	-	0.2 Pome	-	-	0.2 Fruit, Annex to Regulation (EU) No 491/2014	0.20	-	0.05 Pome
Spinosad	0.10	0.2 pear and apple	0.10	0.2 Pome fruit	-	0.10	-	-	0.2 Pome	-	-	0.3 Pome, Annex to Regulation (EU) No 737/2014	0.20	-	0.10
Steinernema carpocapsae (Beneficial nematodes)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfoxalor	0.3 Pome fruit	0.5	-	-	-	-	-	-	0.50	-	-	-	-	-	-
Sulphur	-	-	-	Exp.	-	-	-	Exp. Fruit	Exp.	-	-	No MRL required	Omitted (Exp.)	-	-
Tau-Fluvalinate	-	-	-	-	-	-	-	-	-	-	-	0.1 Annex to Regulation (EC) No 149/2008	-	-	-
Tebuconazole	1.0	-	2.0	0.5	(Draft proposed MRL 1.0)	1.0	-	-	0.05	-	-	0.30	1.00	-	-
Thiacloprid	0.7 Pome fruit	0.3 pear and apple	0.70	0.7 Pome fruit	(Draft proposed MRL 0.05)	-	0.7	-	0.3 Pome	-	-	0.3	0.30	-	0.7 Pome
Thiamethoxam	0.3 Pome fruit	0.2	-	0.3 Pome fruit	-	-	-	-	0.2 Pome	-	-	0.5 Annex to Regulation (EU) No 500/2013	0.2	-	0.3 (pome)
Thiazuron	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thiram	5.0 Pome as Dithiocarb	7.0	5.0	7.0 Dithiocarb.	3.0 Other fruit (Dithiocarbs./CS2)	-	2.0	-	5.0	Restricted use	3.0 (as Dithiocarbs.) 7.0	5.0 (as Dithiocarbs.)	2.5 Pome as Dithiocarbs.	-	5.0 Pome as Dithiocarb
Trichlorfon	-	-	0.2 Pome	0.1 Pome fruit	0.1 Fruits	-	-	-	-	-	0.1 Fruit	0.01 Fruit Annex to Regulation (EU) No 899/2012	0.01 Others (vegetables and fruits)*	-	-
Trifloxystrobin	0.7 Pome fruit	0.5 pear and apple	0.70	0.7 Pome fruit	(Draft proposed MRL 0.7)	-	2.00	-	0.5 Pome	-	-	0.5 Annex to Regulation (EU) No 737/2014 (Amendment Annex II) Annex to Regulation (EU) No 491/2014 (Amendment Annex III)	0.70	-	5.00 Pome
Triflumuron	-	-	0.10	-	-	-	-	-	-	-	-	0.5 Annex to Regulation (EC) No. 839/2008	-	-	-
Zeta-Cypermethrin	0.7 (pome, as cypermethrin including alpha-and zeta-cypermethrin)	1.0 apples as cypermethrin	2.0 as Cypermethrin	2.0 Pome fruit, as Cypermethrin (sum of isomers)	-	-	1.0 as cypermethrin	-	2.0 Pome	Restricted use	2.0 Pome as cypermethrin/ isomers	1.0 (Fruit as cypermethrin) Annex to Regulation (EU) No 520/2011	2.0 as cypermethrin	-	0.7 (pome, as cypermethrin including alpha-and zeta-cypermethrin)