



Prohibited Materials List

15.05.2014

The Prohibited Materials List (PML) is divided in two lists: the Red List and the Amber List.

Red List

The Red List includes materials that must not be used on Fairtrade products.

Amber List

The Amber List includes materials which are being evaluated by Fairtrade International as candidates to be prohibited by inclusion into the Red List. Materials from the Amber List can still be used on Fairtrade products but operators should be aware that these materials may eventually be prohibited and are encouraged to abandon their use.

Structure of the Red and Amber List

The lists contain the following information:

Substance: specifies the name of the material

Reference list: shows in 7 columns the international list or regulation from where Fairtrade International has taken the material. The reference lists are:

- POP: The Stockholm Convention on Persistent Organic Pollutants
- PIC: The Rotterdam Convention on the Prior Information Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade
- PAN 12: Pesticide Action Network's "dirty dozen" list (currently 18 pesticides)
- WHO 1a and 1b: World Health Organization Acute toxicity classification Ia and Ib
- EU: Banned or severely restricted in the European Union according to PAN List of Lists
- US: Banned or severely restricted pesticide EPA according to PAN List of Lists

Specific regulations in the Red List

These provide information for specific use of materials and include:

Derogation possible and required prior to use: The material must not be used unless derogation is granted by the certification body. The possible product scope and timeline for derogations is indicated.

Prohibition only for specified crops and use: The material must not be used on specific crops and for specific purposes.

Prohibition introduced with current revision: The material was previously allowed and is not anymore with publication of this list. Derogation may or may not be possible. The certification body will define a transition period for operators to eliminate this material or may grant derogation upon request, as applicable.



Part 1: Fairtrade International Red List of prohibited materials

Substance	Reference list							Specific regulations
	POP	PIC	PAN 12	WHO 1a	WHO 1b	EU	US	
1,2 dibromethane (ethylene dibromide) (EDB)		X	X			X	X	
1,2-dichloroethane (ethylene dichloride)		X				X	X	
2,4,5-T (2,4,5-trichlorophenoxyacetic acid) and its salts and esters (dioxin contamination)		X	X			X	X	
3-Chloro-1,2-propanediol (Alpha-chlorohydrin)					X			
acrolein					X			
aldicarb			X	X		X		
aldrin	X	X	X			X	X	
allyl alcohol					X			
alpha HCH (alpha-hexachlorocyclohexane)	X							
amoxicillin								Prohibited in bananas post-harvest
asbestos (such as crocidolite, actinolite, anthophyllite, amosite and tremolite)		X						
azinphos-ethyl					X	X		
azinphos-methyl	X				X	X		Derogations upon request possible only for citrus and deciduous crops until 2016
beta – cyfluthrin					X			<i>Prohibited since 2011</i> Derogations upon request possible until 2016
beta HCH (beta-hexachlorocyclohexane)	X							
binapacryl		X				X	X	
blasticidin (blasticidin-S)					X			
brodifacoum				X				
bromadiolone				X				
bromethalin				X				
butocarboxim					X			
butoxycarboxim					X			
cadusafos (ebufos)					X	X		Derogations upon request possible only for citrus and deciduous crops and for flowers and plants until 2016
calcium arsenate					X		X	
calcium cyanide				X				



Substance	Reference list							Specific regulations
	POP	PIC	PAN 12	WHO 1a	WHO 1b	EU	US	
captafol		X		X		X	X	
carbofuran					X	X	X	Derogations upon request possible only for flowers and plants until 2016
chlordane	X	X	X			X	X	
chlordecone (kepone)	X					X	X	
chlordimeform		X	X			X	X	
chlorethoxyfos				X				
chlorfenvinphos					X	X		
chlormephos				X		X		
chlorobenzilate		X				X	X	
chlorophacinone				X				
copper acetoarsenite (Paris Green)					X			
coumaphos					X			
coumatetralyl					X			Derogations upon request possible until 2016
DBCP (dibromocloropropane)			X					
cyfluthrin					X			<i>Prohibited since 2011</i> Derogations upon request possible until 2016
DDT (Dichlorodiphenyl-dichloroethylene)	X	X	X			X	X	
demeton-S-methyl					X			
dichlorvos					X	X		Derogations upon request possible only for citrus and deciduous crops until 2016
dicrotophos					X			
dieldrin	X	X	X			X	X	
difenacoum				X				
difethialone				X				
dinoseb, its acetate and dinoseb salts		X				X		
dinoterb					X	X		
diphacinone				X				
disulfoton				X				
DNOC (dinitro-ortho-cresol) and its salts (ammonium, potassium, sodium)		X			X	X		



Substance	Reference list							Specific regulations
	POP	PIC	PAN 12	WHO 1a	WHO 1b	EU	US	
Dustable powder formulations containing a combination of: - benomyl at or above 7%, - carbofuran at or above 10%, - thiram at or above 5% (PIC: 15%)		X				X		
edifenphos (EDDP)					X			
endosulfan	X					X		
endrin	X		X			X	X	Prohibited since 2011
EPN				X			X	
ethiofencarb					X			
ethoprophos (ethoprop)				X				
ethylene oxide (oxirane)		X				X	X	
famphur					X			
fenamiphos					X			Derogations upon request possible until 2016
flocoumafen				X				
flucythrinate					X			
fluoroacetamide		X			X	X	X	
formaldehyde								Prohibited in flowers and plants
formetanate					X			
furathiocarb					X	X		
HCH mixed isomers (containing less than 99.0% of the gamma isomer)		X				X		
heptachlor	X	X	X			X	X	
heptenophos					X			
hexachlorobenzene (HCB) (benzene hexachloride)	X	X		X		X	X	
hexachlorocyclohexane HCH/BCH - (mixed isomers)	X		X					
isoxathion					X	X		
lead arsenate					X		X	
lindane (gamma-HCH)	X	X	X					
mecarbam					X			
mercury chloride		X		X		X		



Substance	Reference list							Specific regulations
	POP	PIC	PAN 12	WHO 1a	WHO 1b	EU	US	
Mercury compounds (including mercuric oxide, mercurous chloride (calomel), phenylmercury acetate (PMA), phenylmercuric oleate (PMO) other inorganic mercury compounds: alkyl mercury, alkyloxyalkyl and aryl mercury compounds)		X				X		
mercury oxide		X			X	X		
methamidophos		X			X	X	X	
methidathion					X	X		Derogations upon request possible only for citrus and deciduous crops until 2016
methiocarb (mercaptodimethur)					X			Derogations upon request possible until 2016
methomyl					X			Derogations upon request possible until 2016
methyl parathion (parathion methyl)		X	X	X		X	X	
mevinphos				X			X	
mirex	X					X	X	Prohibited since 2011
monocrotophos		X			X	X		
nicotine					X			
omethoate					X	X		
oxamyl					X			Derogations upon request possible until 2016
oxydemeton-methyl					X	X		
paraquat (all forms)			X					
parathion		X	X	X		X	X	
pentachlorobenzene	X							Prohibited since 2011
pentachlorophenol (PCP), its salts and esters		X	X		X	X	X	
phenylmercury acetate (PMA)				X				
phorate				X				
phosphamidon (fosfamidon)		X		X		X	X	
phostebupirim (tebupirimfos)				X				
polybrominated biphenyl mixture (PBB)		X						
polychlorinated biphenyls PCB (except mono-and dichlorinated) (Aroclor)	X	X						
polychlorinated terphenyls (PCT)		X						
propetamphos					X			
sodium arsenite					X		X	



Substance	Reference list							Specific regulations
	POP	PIC	PAN 12	WHO 1a	WHO 1b	EU	US	
sodium cyanide					X			
sodium fluoroacetate (1080)				X				
strychnine					X	X		
sulfotep				X				
tebupirimifos (phostebupirim)				X				
tefluthrin					X			
terbufos				X		X		
tetraethyl lead		X						
tetramethyl lead		X						
thallium sulphate					X	X	X	
thiofanox					X			
thiometon					X			
toxaphene (camphechlor)	X	X	X			X	X	
triazophos					X	X		
tris (2,3-dibromopropyl) phosphate		X						
vamidotion					X	X		
warfarin (coumaphene)					X			
zeta-cypermethrin					X			
zinc phosphide					X			



Part 2: Fairtrade International Amber List or monitored materials

Substance	Reference list						
	POP	PIC	PAN 12	WHO 1a	WHO 1b	EU	US
2,3,4,5-bis(2-butylene) tetrahydro-2-furaldehyde [repellent-11]							X
2,4,5-TCP (potassium 2,4,5-trichlorophenate)							X
acephate						X	
alachlor						X	
amitraz						X	
arsenic compounds (EPA: arsenic trioxide: calcium, copper, lead and sodium arsenate sodium arsenite)						X	
atrazine						X	
bromoxynil							X
bromoxynil butyrate							X
butylate							X
cadmium and its compounds							X
carbaryl						X	
carbon tetrachloride							X
carbosulfan						X	
chloranil							X
chlorfenapyr						X	
chloromethoxypropyl-mercuric-acetate (CPMA)							X
chlozolate						X	
copper arsenate							X
cyhalothrine (but not lambda isomers of cyhalothrin)						X	
daminozide (alar)							X
DDD (dichlororodiphenyl-dichloroethan) [TDE]							X
di (phenylmercury) dodeceny succinate (PMDS)							X
dicofol						X	
dicofol containing less than 78% p,p -Dicofol or >1 g/kg of DDT and DDT related compounds						X	
dimethenamid						X	
ethyl hexylene glycol							X
fenthion						X	
fentin acetate						X	
fentin hydroxide						X	
fenvalerate						X	
ferbam						X	
haloxyfop-R (haloxyfop-P-methyl-ester)						X	



Substance	Reference list						
	POP	PIC	PAN 12	WHO 1a	WHO 1b	EU	US
leptophos							X
malathion						X	
maleic hydrazide and its salts, other than choline, potassium and sodium salts ; choline, potassium and sodium salts; maleic hydrazide containing more than 1 mg/kg of free hydrazine expressed on the basis of the acid equivalent						X	
monolinuron						X	
monuron						X	
nitrofen (TOK)						X	X
nonylphenol ethoxylates						X	
OMPA (octamethylpyrophosphoramidate)							X
permethrin						X	
phosalone						X	
propham						X	
pyrazophos						X	
pyriminil (vacor)							X
quintozene						X	
safrole							X
silvex							X
simazine						X	
technazene						X	
terpene polychlorinates (strobane)							X
thiodicarb						X	
triazamate							
trichlorfon						X	
triorganostannic compounds (tributyltin compounds)						X	
vinyl chloride							X
zineb						X	