

Fairtrade Prohibited Materials List

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 by producers while handling Fairtrade products. Handling means all activities that producers are involved in, such as production, post-harvest treatment, processing, storage and transportation.

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 by producers for Fairtrade crops. Producers must report their use for monitoring purposes. Monitoring will last for 3 years until 2015, by which date a revision of the Red and Amber lists will be made. Producers 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 a 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. A derogation may or may not be possible. The certification body will define a transition period for certified producers to eliminate this material or may grant a 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 2015
beta – cyfluthrin					X			<i>Prohibited since 2011</i> Derogations upon request possible until 2015
beta HCH (beta-hexachlorocyclohexane)	X							
binapacryl		X				X	X	
blasticidin (blasticidin-S)					X			
brodifacoum				X				
bromadiolone				X				
bromethalin				X				
butocarboxim					X			
butoxycarboxim					X			

Substance	Reference list							Specific regulations
	POP	PIC	PAN 12	WHO 1a	WHO 1b	EU	US	
cadusafos (ebufos)					X	X		Derogations upon request possible only for citrus and deciduous crops and for flowers and plants until 2015
calcium arsenate					X		X	
calcium cyanide				X				
captafol		X		X		X	X	
carbofuran					X	X	X	Derogations upon request possible only for flowers and plants until 2015
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 2015
DBCP (dibromocloropropane)			X					
cyfluthrin					X			<i>Prohibited since 2011</i> Derogations upon request possible until 2015
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 2015
dicrotophos					X			
dieldrin	X	X	X			X	X	
difenacoum				X				
difethialone				X				

Substance	Reference list							Specific regulations
	POP	PIC	PAN 12	WHO 1a	WHO 1b	EU	US	
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		
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 2015
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		

Substance	Reference list							Specific regulations
	POP	PIC	PAN 12	WHO 1a	WHO 1b	EU	US	
lead arsenate					X		X	
lindane (gamma-HCH)	X	X	X					
mecarbam					X			
mercury chloride		X		X		X		
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 2015
methiocarb (mercaptodimethur)					X			Derogations upon request possible until 2015
methomyl					X			Derogations upon request possible until 2015
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 2015
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	

Substance	Reference list							Specific regulations
	POP	PIC	PAN 12	WHO 1a	WHO 1b	EU	US	
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	
sodium cyanide					X			
sodium fluoroacetate (1080)				X				
strychnine					X	X		
sulfotep				X				
tebupirimfos (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						
vamidothion					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	WH O 1a	WH O 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	
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	