Sustainably Grown Policy

Pesticide Policy and Prohibited Pesticide Reference List

Growers certified under the Sustainably Grown Standard are expected to correctly identify the key pests impacting the farming operation, and prioritize the use of low risk solutions in dealing with insect, weed, and disease pressure to crops.

The Sustainably Grown Standard prohibits the use of pesticides on certified Agricultural Production Operations as determined by legal requirements, regulations, and international lists of references that were selected by SCS Global Services (SCS).[1] The reference lists include:

- **WHO Ia**: World Health Organization (WHO) Extremely Hazardous (Class Ia)
- **WHO Ib**: World Health Organization (WHO) Highly Hazardous (Class Ib)
- **GHS H330**: Globally Harmonized System (GHS) Fatal if Inhaled (H330)
- **PIC**: United Nations Environment Programme and the FAO: Prior Informed Consent (PIC), Rotterdam Convention, Annex III
- **POP**: United Nations Environment Programme: Persistent Organic Pollutants (POP), Stockholm Convention, Annexes A, B, and C
- **PAN 12**: Pesticide Action Network: "Dirty Dozen"

The prohibited pesticide reference list will be updated periodically based on the revision of reference lists by the publishing entity, or on decisions made by SCS. SCS will notify Producers of any updates and any corresponding phase-out requirements.

Scope of Pesticide Policy

These prohibitions apply to the crop(s) in scope of certification, and related activities under the Producer's management, including soil preparation, seed treatment, production, post-harvest treatment, and storage. If the certified crop is labeled with a certification claim at the point of sale, or is used as an ingredient in a finished product (with either an on-product or ingredient certification claim), then pesticide prohibitions extend to activities that take place at handling facility(ies), until the point where the product is in its final state (e.g. final consumer packaging).

[1] SCS acknowledges pest pressures for certain crops in certain regions of the world and allowance for phase-out may be considered for a pesticide after a technical review of supporting documentation and the availability of viable alternatives.

Table 1. Prohibited Pesticides Reference List

Active Ingredient	H330	WHO Ia	WHO Ib	PAN 12	PIC	POP
2,4,5-T				PAN	PIC	
3-CHLORO-1,2-PROPANEDIOL			Ib			
ABAMECTIN (AKA AVERMECTIN)	H330					
ACROLEIN	H330		Ib			
ACTINOLITE ASBESTOS					PIC	
ALACHLOR					PIC	
ALDICARB	H330	Ia		PAN	PIC	
ALDRIN				PAN	PIC	POP
ALLYL ALCOHOL			Ib			
ALPHA HEXACHLOROCYCLOHEXANE						POP
ALUMINIUM PHOSPHIDE	H330					
AMOSITE ASBESTOS					PIC	
ANTHOPHYLLITE					PIC	
AZINPHOS-ETHYL			Ib			
AZINPHOS-METHYL	H330		Ib		PIC	
AZOCYCLOTIN	H330					
BETA HEXACHLOROCYCLOHEXANE						POP
BETA-CYFLUTHRIN	H330		Ib			
BINAPACRYL					PIC	
BLASTICIDIN-S			Ib			
BRODIFACOUM		Ia				
BROMADIOLONE		Ia				
BROMETHALIN		Ia				
BROMOXYNIL	H330					
BUTOCARBOXIM			Ib			
BUTOXYCARBOXIM			Ib			
CADUSAFOS			Ib			
CALCIUM ARSENATE			Ib			
CALCIUM CYANIDE		Ia				
CAPTAFOL		Ia			PIC	
CARBOFURAN	H330		Ib			
CARBOSULFAN	H330					
CHLORDANE				PAN	PIC	POP
CHLORDECONE						POP
CHLORDIMEFORM				PAN	PIC	
CHLORETHOXYFOS		Ia				
CHLORFENVINPHOS			Ib			

Active Ingredient	H330	WHO Ia	WHO Ib	PAN 12	PIC	POP
CHLORMEPHOS		Ia				
CHLOROBENZILATE				PAN	PIC	
CHLOROPHACINONE		Ia				
CHLOROPICRIN	H330					
CHLOROTHALONIL	H330					
COMMERCIAL OCTABROMODIPHENYL ETHER (INCLUDING HEXABROMODIPHENYL ETHER AND HEPTABROMODIPHENYL ETHER)					PIC	
COMMERCIAL PENTABROMODIPHENYL ETHER (INCLUDING TETRABROMODIPHENYL ETHER AND PENTABROMODIPHENYL ETHER)					PIC	
COUMAPHOS			Ib			
COUMATETRALYL			Ib			
CROCIDOLITE					PIC	
CYFLUTHRIN			Ib			
DBCP (DIBROMOCHLOROPROPANE)				PAN		
DDT				PAN	PIC	POP
DEMETON-S-METHYL			Ib			
DICHLORODIPHENYL TRICHLOROETHANE (DDT)						POP
DICHLORVOS	H330		Ib			
DICROTOPHOS			Ib			
DIELDRIN				PAN	PIC	POP
DIFENACOUM		Ia				
DIFETHIALONE		Ia				
DINITRO-ORTHO-CRESOL (DNOC) AND ITS SALTS (SUCH AS AMMONIUM SALT, POTASSIUM SALT AND SODIUM SALT)					PIC	
DINOSEB AND ITS SALTS AND ESTERS					PIC	
DINOTERB			Ib			
DIPHACINONE		Ia				
DIQUAT (DIBROMIDE)	H330					
DIQUAT (DICHLORIDE)	H330					
DISULFOTON		Ia				
DNOC	H330		Ib			
DUSTABLE POWDER FORMULATIONS CONTAINING A COMBINATION OF BENOMYL AT OR ABOVE 7%, CARBOFURAN AT OR ABOVE 10% AND THIRAM AT OR ABOVE 15%					PIC	
EDB				PAN	PIC	

Active Ingredient	H330	WHO Ia	WHO Ib	PAN 12	PIC	POP
EDIFENPHOS			Ib			
ENDOSULFAN	H330				PIC	
ENDRIN				PAN		POP
EPN		Ia				
ETHIOFENCARB			Ib			
ETHOPROPHOS	H330	Ia				
ETHYLENE DICHLORIDE					PIC	
ETHYLENE OXIDE					PIC	
FAMPHUR			Ib			
FENAMIPHOS	H330		Ib			
FENBUTATIN OXIDE	H330					
FENPROPATHRIN	H330					
FENTIN ACETATE	H330					
FENTIN HYDROXIDE	H330					
FLOCOUMAFEN	H330	Ia				
FLUCYTHRINATE			Ib			
FLUOROACETAMIDE			Ib		PIC	
FORMETANATE	H330		Ib			
FURATHIOCARB	H330		Ib			
HCH				PAN	PIC	
HEPTACHLOR				PAN	PIC	POP
HEPTENOPHOS			Ib			
HEXABROMOBIPHENYL						POP
HEXABROMOCYCLODODECANE						POP
HEXABROMODIPHENYL ETHER AND HEPTABROMODIPHENYL ETHER (COMMERCIAL OCTABROMODIPHENYL ETHER)						POP
HEXACHLOROBENZENE		Ia			PIC	POP
ISOXATHION			Ib			
LAMBDA-CYHALOTHRIN	H330					
LEAD ARSENATE			Ib			
LINDANE				PAN	PIC	POP
MAGNESIUM PHOSPHIDE	H330					
MECARBAM			Ib			
MERCURIC CHLORIDE		Ia				
MERCURIC OXIDE			Ib			

Active Ingredient	H330	WHO Ia	WHO Ib	PAN 12	PIC	POP
MERCURY COMPOUNDS, INCLUDING INORGANIC MERCURY COMPOUNDS, ALKYL MERCURY COMPOUNDS AND ALKYLOXYALKYL AND ARYL MERCURY COMPOUNDS					PIC	
METHAMIDOPHOS	H330		Ib		PIC	
METHIDATHION			Ib			
METHIOCARB			Ib			
METHOMYL			Ib			
MEVINPHOS		Ia				
MIREX						POP
MONOCROTOPHOS	H330		Ib		PIC	
NICOTINE			Ib			
OMETHOATE			Ib			
OTHER INORGANIC MERCURY COMPOUNDS	H330					
OXAMYL	H330		Ib			
OXYDEMETON-METHYL			Ib			
PARAQUAT	H330			PAN		
PARATHION	H330	Ia		PAN	PIC	
PARATHION-METHYL	H330	Ia		PAN	PIC	
PARIS GREEN			Ib			
PERFLUOROOCTANE SULFONIC ACID					PIC	POP
PENTACHLOROBENZENE						POP
PENTACHLOROPHENOL	H330		Ib	PAN	PIC	
PHENYLMERCURY ACETATE		Ia				
PHORATE		Ia				
PHOSPHAMIDON		Ia			PIC	
PHOSPHINE	H330					
POLYBROMINATED BIPHENYLS (PBBS)					PIC	
POLYCHLORINATED BIPHENYLS (PCBS)					PIC	POP
POLYCHLORINATED DIBENZOFURANS (FURANS)						POP
POLYCHLORINATED DIBENZO-P-DIOXINS(DIOXINS)						POP
POLYCHLORINATED TERPHENYLS (PCTS)					PIC	
POTASAN	H330					
PROPETAMPHOS			Ib			
PYRAZOXON	H330					
SODIUM ARSENITE			Ib			
SODIUM CYANIDE			Ib			
SODIUM FLUOROACETATE	H330	Ia				
STRYCHNINE			Ib			

Active Ingredient	H330	WHO Ia	WHO Ib	PAN 12	PIC	POP
SULFOTEP		Ia				
TCMTB	H330					
TEBUPIRIMFOS		Ia				
TECHNICAL ENDOSULFAN AND ITS RELATED ISOMERS						POP
TEFLUTHRIN			Ib			
TERBUFOS		Ia				
TETRABROMODIPHENYL ETHER AND PENTABROMODIPHENYL ETHER (COMMERCIAL PENTABROMODIPHENYL ETHER)						POP
TETRAETHYL LEAD					PIC	
TETRAMETHYL LEAD					PIC	
THALLIUM SULPHATE			Ib			
THIOFANOX			Ib			
THIOMETON			Ib			
TOLYFLUANID	H330					
TOXAPHENE				PAN		POP
TOXAPHENE (CAMPHECHLOR)					PIC	
TREMOLITE					PIC	
TRIAZOPHOS			Ib			
TRIBUTYL TIN COMPOUNDS					PIC	
TRIS(2,3 DIBROMOPROPYL)PHOSPHATE					PIC	
VAMIDOTHION			Ib			
WARFARIN			Ib			
ZETA-CYPERMETHRIN			Ib			
ZINC PHOSPHIDE			Ib			
ZIRAM	H330					

References

1. PAN International List of Highly Hazardous Pesticides. (2015). *Pesticide Action Network International.* Retrieved from http://www.pan-germany.org/download/PAN_HHP_List_150602_F.pdf
2. Pesticide Action Network (PAN) Dirty Dozen Pesticides. *Pesticide Action Network North America.* Retrieved from http://www.pesticideinfo.org/Docs/ref_toxicity7.html#DirtyDozen
3. Rotterdam Convention on the Prior Informed Consent (PIC) Procedure for Certain Hazardous Chemicals and Pesticides in International Trade, Annex III Chemicals. *Rotterdam Convention.* Retrieved from http://www.pic.int/Default.aspx?tabid=1132
4. Stockholm Convention on Persistent Organic Pollutants (POP), Annexes A, B, and C Chemicals. *Stockholm Convention.* Retrieved from

http://chm.pops.int/TheConvention/ThePOPs/ListingofPOPs/tabid/2509/Default.aspx

5. The WHO Recommended Classification of Pesticides by Hazard and Guidelines to Classification. (2009). *The World Health Organization (WHO).* Retrieved from http://www.who.int/ipcs/publications/pesticides_hazard_2009.pdf