Beyond Pesticides' Gateway on Pesticide Hazards and Safe Pest Management

http://www.beyondpesticides.org/gateway/about.htm

Active Ingredient	Health Effects							Environmental Effects				
	Cancer	Endocrine Disruption	Reproductive Effects	Neurotoxicity	Kidney/ Liver Damage	Sensitizer/ Irritant	Birth/ Developmental Defects	Detected in Groundwater	Potential Leacher	Toxic to Birds	Toxic to Fish/ Aquatic Organisms	Toxic to Bees
2,4-D	Unknown(1) X(4)	Probable(5)	X(6)	X(7)	X(7)	X(4)	X(4)	X(4)	X(7)	X(4)	X(4)	X(4)
Abamectin/ Avermectin			X(4)	X(4)		X(7)	X(11)				X(7)	
Acephate	Possible (10)	.	X(4)	X(11)	.	X(4)	.	.	X(4)	X(8)	.	X(8)
Alachlor	Likely in High Doses (12)	Probable(5)			X(7)	X(7)	X(11)	X(7)			X(7)	
Aldicarb		Suspect (5)	X(13)	X(7)				X(7)	X(7)	X(7)	X(7)	
Hydramethylnon	Possible(10), X(7)		X(7)		X(7)	X(7)	X(11)				X(7)	
Atrazine	Possible (10) X(11)	Known (5)	X(7)	X(4)	X(4)	X(4)	X(7)	X(4)	X(4)	.	X(4)	.
Bacillus Thuringiensis (Bt)												X(7)
Bendiocarb			X(11)	X(11)		X(4)			X(7)	X(7)	X(7)	X(7)
Benomyl	Possible(10), X(7)	Probable(5)	X(7)	X(14)	X(4)	X(4)	X(7, 11)	X(7)			X(7)	
Bensulide				X(4)	X(8)	X(4)				X(8)	X(4)	X(4)
Boric Acid			X(7)			X(7)	X(7)					
Bromacil	Possible(10)				X(4)	X(8)			X(4)			
Captan	Probable(15)		X(7)			X(7)	X(7)				X(7)	
Carbaryl	Possible(10)	Suspect (5)	X(13)	X(8)	X(4)	X(4)	X(6)	X(4)	X(4)		X(8)	X(8)
Chlorothalonil	Likely(16)		X(6)	X(14)	X(4)	X(8)		X(6)	X(8)		X(8)	
Chlorpyrifos			X(6)	X(8)	X(17)	X(4)	X(6)	X(6)	X(6)	X(8)	X(8)	X(4)
Chromated Copper Arsenate (CCA)	X(7)		X(7)	X(7)	X(7)	X(7)	X(7)		X(7)		X(7)	
Clopyralid			X(6)			X(6)	X(6)	X(6)	X(6)			
Cyfluthrin			X(4)	X(4)	X(4)	X(4,13)					X(6)	X(6)
Cypermethrin	Possible(10)	Suspect (5)	X(13)	X(4)	X(4)	X(6)	X(6)				X(6)	X(6)
Dacthal (DCPA)	Possible(10)				X(6)	X(18)		X(6)	X(8)		X(8)	X(19)
DEET				X(7)	X(4)	X(7)	X(6)	X(6)	X(7)			
Diazinon			X(13)	X(11)	X(7)	X(4)	X(11)	X(4)	X(4)	X(4)	X(4)	X(4)
Dicamba			X(6)	X(6)	X(4)	X(4)	X(11)	X(6)	X(7)	X(20)	X(6)	
Dichlorvos (DDVP)	Possible(10), X(21)		X(22)	X(4)	X(4)	X(4)			X(4)	X(4)	X(8)	X(4)
Diflubenzuron			X(7)		X(4)	X(7)					X(7)	
Diquat Dibromide			X(17)		X(4)	X(8)				X(4)		

DSMA (Disodium Methanearsonate)			X(23)		X(23)	X(23)				X(23)	X(23)	X(23)
Endothall					X(4)	X(4)			X(4)		X(4)	
Fenoxycarb	Likely (16), X(21)				X(11)		X(11)				X(4)	
Fenthion				X(11)						X(8)	X(8)	
Fenvalerate		Suspect(5)		X(11)	X(11)	X(4)					X(7)	X(7)
Fipronil	Possible (10)			X(7)	X(7)	X(7)				X(7)	X(7)	X(7)
Fluvalinate			X(11)		X(4)	X(4)	X(21)				X(4)	
Fosamine Ammonium					X(8)	X(8)			X(8)			
Glyphosate	X(6)		X(13, 8)	X(7)	X(7)	X(8)					X(4)	
Hexaflumuron (Sentricon)					X(7)	X(7)					X(7)	
Imidacloprid			X(6)						X(6)	X(7)	X(6)	X(7)
Isofenphos				X(11)						X(8)	X(8)	
Isoxaben	Possible (10)				X(24)				X(25)	X(20)		
Lambda-Cyhalothrin				X(4)		X(4)					X(4)	X(4)
Lindane	Suggestive evidence (26), X(21)	Known (5)	X(13)	X(7)	X(7)			X(4)	X(7)	X(7)	X(7)	X(7)
Malathion	Suggestive evidence (26)	Suspect (5)	X(13)	X(11)	X(4)	X(6)	X(7)	X(4)	X(4)	X(4)	X(4)	X(4)
Maneb	Probable(15), X(21)	Probable(5), X(28)	X(4)	X(18)	X(4)	X(4)	X(18)		X(27)		X(4)	
MCPA			X(4)	X(8)	X(4)	X(8)		X(27)	X(4)	X(8)		X(20)
Mecoprop (MCPP)			X(4)		X(11)	X(4)	X(4)	X(27)	X(4)		X(6)	
Metam Sodium	Probable(15)		X(7)	X(7)			X(21)		X(7)		X(7)	
Methoprene											X(4)	
Methoxychlor		Known(5)	X(4)	X(4)	X(4)			X(4)			X(4)	
Mevinphos				X(4)	X(4)				X(4)	X(4)	X(4)	X(4)
MSMA (Monosodium Methanearsonate)	Possible(23)		X(23)		X(23)				X(27)	X(23)	X(23)	X(23)
Naphthalene	X(21)			X(14)	X(24)	X(7)			X(29)			
Oryzalin					X(11)	X(8)	X(7)		X(4)		X(4)	
Paraquat/ Paraquat Dichloride			X(13)		X(4)	X(4)		X(4)		X(4)		
Parathion/ Ethyl Parathion	Possible (10)	Probable(5)	X(4)	X(7)						X(4)	X(4)	

PCNB (Quintozene, Pentachloronitrobenzene)	Possible (10)				X(4)	X(18)	X(27)	X(4)	X(4)	X(20)	X(4)	
PDCB/ Para-dichlorobenzene	Possible (10)			X(7)	X(7)	X(29)						
Pendimethalin	Possible (10)	X(30)	X(8)		X(11)	X(27)		X(8)			X(8)	
Pentachlorophenol	Probable (15)	Probable(5)	X(31)	X(31)	X(31)	X(31)	X(31)	X(31)	X(31)		X(31)	
Permethrin	Possible(10)	Suspect (5)	X(13)	X(11)	X(11)	X(4)		X(7)			X(8)	X(8)
Phenothrin				X(29)	X(11)							
Picloram			X(7)		X(11)	X(8)		X(8)	X(8)		X(8)	
Piperonyl Butoxide	Possible(10)		X(6)	X(6)	X(7)	X(7)					X(7)	
Pronamide/ Propyzamide	Probable(15)	X(8,4)			X(11)	X(4)		X(32)	X(8)		X(8)	
Propetamphos				X(11)	X(11)					X(8)	X(8)	
Propoxur	Probable (8)			X(4)	X(4)				X(8)	X(4)		X(4)
Pyrethrins	Likely (16)					X(4)					X(4)	
Rotenone					X(4)	X(4)					X(4)	
Sabadilla												X(8)
Siduron						X(18)			X(33)			
Sulfur						X(8)						
Sulfuryl Fluoride			X(6)	X(11)	X(11)	X(6)						
Tetramethrin	Possible(10)			X(11)							X(20)	
Thiram	Not yet evaluated; equivocal data (34)		X(11)	X(11)	X(20)	X(4)	X(11)			X(20)	X(20)	X(20)
Triadimefon	Possible(10)	X(30)	X(11)	X(4)	X(11)		X(11, 21)	X(27)	X(4)	X(20)		
Trichlorfon	Likely in High Doses (12)		X(4)	X(22)	X(4)	X(4)	X(4)		X(8)	X(8)	X(4)	
Triclopyr			X(6)		X(11)	X(8)	X(6)	X(6)	X(8)		X(8)	
Triclosan						X(7)					X(7)	
Trifluralin	Possible(10)	Probable(5)	X(8)		X(4)	X(8)		X(4)			X(8)	
Ziram	Likely (16)	Suspect(5)	X(4)	X(18)	X(27)	X(4)			X(27)	X(4)	X(20)	

Bibliography

Number	Citation
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2	EPA weight-of evidence category, "evidence of non-carcinogenicity for humans"
3	International Agency for Research on Cancer, World Health Organization (IARC) category, the agent (mixture) is possibly carcinogenic to humans.
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5	Illinois EPA, Endocrine Disruptors Strategy, February 1997.
6	Northwest Coalition for Alternatives to Pesticides (NCAP), Pesticide Factsheets. <http://www.pesticide.org/factsheets.html#pesticides>
7	Beyond Pesticides ChemWatch Factsheet.
8	U.S. EPA, Office of Prevention, Pesticides and Toxic Substances, Reregistration Eligibility Decisions (REDs), Interim REDS (iREDs) and RED Factsheets.
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33	PAN potential groundwater contaminant rating
34	EPA weight-of evidence category, "Not yet evaluated; equivocal data"