

Agent	Cancer in Humans: Target tissues	Considerations	Cancer in Experimental Animals: Species, target tissues	Considerations
Malathion	Leukaemia: + in 1/1 cohort studies with exposure-response indication; Lymphoma: + in 6/7 case-control studies; Prostate: + in 1 case-control study; Lung: + in 1 case-control study.	Overlapping study populations; multiple pesticides; indication of dose-response in 1 study	Mouse , B6C3F1 Liver: HCA, HCC, and HCA+HCC (M); HCA and HCA+HCC (F) (Slauter, 1994 [from USEPA])	
			Rat , Osborne Mendel Thyroid follicular cell carcinoma (M, F, trend) (NTP 1978)	Follicular cell hyperplasia (F)
			Rat , F344 (M) Pheochromocytoma (NTP, 1979)	NS (F)
			Rat , Fischer F344 (F) Liver: HCA (trend), HCC (trend), HCA+HCC (Daly, 1996 [from US EPA]).	NS (M)
			Rat , SD Mammary gland: fibroadenoma (F) (Rucci, 1980); adenocarcinoma (F) (Cabello et al 2001). <i>Maloxon:</i> Rat , F344 Thyroid gland C-cell Ad+Ca (F) (NTP, 1979a)	NS (M) (Rucci, 1980) C-cell hyperplasia (M)
Parathion	Prostate: + in 1/6 cohort & 2/2 case-control studies. NHL: + in 1/1 case-control studies; Lung: + in 1/1 case-control studies; Breast: + in 1 cohort study; Melanoma: + in 1 cohort study.	Overlapping study populations; multiple pesticides; little evidence of dose-response	Mouse , B6C3F1 Liver [HCC] (M) (NTP 1979)	<i>Preliminary assessment</i> NS (F)
			Rat , Osborne-Mendel Adrenal cortical Ad and Ad+Ca (M, F) Thyroid follicular cell Ad (M) Pancreatic islet cell Ca (M) (NTP, 1979); Mammary gland fibroAd (F) (NTP 1979); Rat , Sprague-Dawley, mammary gland carcinoma (F) (Cabello et al, 2001).	<i>Preliminary assessment</i>
Diazinon	NHL: + in 1 cohort and 5 case-control studies; Leukemia: + in 2 cohort studies & 1 case-control study;	Overlapping study populations; multiple pesticides; + in all case-	Mouse , B6C3F1 Liver: HCC (M); Rat F344 Leukaemia or lymphoma (M) (NTP 1979)	NS (F)

	Multiple myeloma & other lymphomas: + in 3 case-control studies; Lung: + 3 cohort studies, 2 with ER; Prostate: + in 1 cohort & 1 case-control study with ER indication; Brain: + in 2 case-control studies.	control studies of haematopoietic cancer; exposure-response indications for leukemia in 1 study, lung 2 studies, prostate 1 study.	
	Breast, melanoma, colorectal: all + in 1 cohort; Soft-tissue sarcoma: + in 1 case-control study.		
Glyphosate	NHL: + in 3 case-control studies; Multiple myeloma: + in 1 cohort & 1 case-control study.	Overlapping study populations; multiple pesticides; little evidence of exposure-response.	Mouse , Swiss Skin, promotion study (<i>DMBA + Glyph.</i>) (M) (Georges et al., 2010) Mouse , CD-1 Renal tubule Ad (M) (EPA 1985)
	Breast, melanoma: each + in 1 cohort.		Rat , SD Mammary gland fibroAd + Ca (F) (Seralini et al., 2014); Pancreatic islet cell Ad + Ca (M) (EPA, 1991)
Tetra-chlorvinphos (TCVP)	NHL: + in 1 cohort & 1 case-control study; Leukemia: + in 1 case-control study; Prostate, breast, cervix & brain: all + in 1 cohort.	Only 3 studies. No exposure-response data.	Mouse , B6C3F1 Liver: HCA, HCC, and HCA + HCC (M, F) (NTP, 1978); HCC (M), HCA+ HCC (M, F) (Parker et al., 1985); HCA (F), HCC (F), HCC+ HCA (M, F) (EPA, 1988). Renal tubule Ca and Ad + Ca (M) (Parker et al., 1985; EPA 1988) Rat , Osborne-Mendel Spleen haemangioma (M) Thyroid C-cell Ad (F) Adrenal cortical Ad (F) (NTP, 1978)