



Dept of Agriculture, Contra Costa County: Toxicity Profile of Pesticides used in Fiscal Year '04-'05

PRODUCT & Active Ingredient	Application	Registration status	Quantity Applied Product/ Active Ingredients	PAN Bad Actor Chemical	Hazard Warnings (Dept of Pesticide Regulation)	Cancer Causing	Neuro-toxin	Develop/R eproductive Toxin	Hormone Disruptor	Aerobic Soil /Ground hydrolysis half-life	Water Contam.	Air Contaminant
2,4-D, dimethylamine salt, 46.5% 34704-5 "Weedone"	Broadleaf weeds	Active 8/27/97 for ZA and 2/14/05 for -ZB		 Acute toxicity	Don't apply directly to water domestic animals and/or livestock, children/humans, aquatic organisms	Possible WHO/ IARC	No	Prop 65 Proposed for '06	2,4-D Parent chemical, Yes	10 days/ ? active on weeds 1-4 wks		Potential
Aqua Neat 53.8% glyphosate, isopropylamine salt	Aquatic weeds/ Broadleaf weeds	Active 11/9/00		—	Do not apply directly to water fish/ drift	?	No	?	?	?		Slightly
Clarity Dicamba, diglycolamine salt	Weeds	Active 8/17/98 		Parent chemical, dicamba	Don't apply directly to water domestic animals and/or livestock, children/humans, avoid drift, groundwater	Dicamba is USEPA unclassifiable carcinogen	No	Dicamba is a developmental toxin	?	?		?

Yes, HAP/TAC




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Yes, TAC

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Bold/Itl'd half-life data, column 10:

Candidate for the CA Toxic Air Contaminants (TAC) or US EPA Hazardous Air Pollutants (HAP)

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R-11 2935-50142-AA confidential	Adjuvant for spraying	Active 6/0/77 CA only				—	—	—	—	—	—
Redeem Triclopyr, triethylamine salt, 33% and Clopyralid, triethylamine salt, 12.1%	Weeds	Active 1/23/03		 Acute, Highly toxic from Clopyralid	Same as Clarity warnings	Unclassifi able Carcino- gen due to Triclopyr, triethyla- mine salt	No	?	?	Triclopyr: 13 days/ ? Clopyralid: 151days/ 30 days	Potential Triclopyr and Parent chemical: Clopyralid
Rodent Bait Grain Diphacinone .01%	Ground Squirrels Poisoning	Active 4/18/89		 1A Acutely	Water Wildlife Domestic animals/ livestock Children/ humans	?	No	?	?	30 days/ 847-1332 days	?
Roundup Glyphosate, isopropylame salt, 41%	Herbicide Terrestrial	Active		—		?	No	?	?	96 days/ 35 days Yes, TAC	Potential
Stalker 241-296-ZA Imazapyr, isopropylamin e salt 27.6%	Herbicide Terrestrial	Inactive 9/22/99 			? Parent chemical – Imazapyr is highly toxic	?	No	?	?	?	Not Acutely

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<i>Telar</i> Chlorsulfuron, 75%	Herbicide Terrestrial	7/23/82				Not Likely	No	Yes Prop 65 & US TRI	?	28 days/ 1,230 days	Potential 28,296mg/L
Tordon 10k pellets Picloram, 11.6%	Herbicide for broad- leaf weeds	Inactive 7/16/81- 1/1/88			Water Season specific: Fall & June Only, before rain	Unclassi- fiable, WHO/ IARC Not Likely, US EPA	No	?	?	325 days/ 65,000 days	Yes
Transline Clopyralid, 40.9%	Herbicide Broadleaf, Grasses	3/30/94 		Parent chemical high Acute Toxicity	Not directly in water, avoid drift, groundwater	?	No	?	?	71 days/ 261 days TAC	Potential Parent
Vanquish Dicamba, 56.8%	Herbicide, Broadleaf/ Grasses	Inactive 4/18/97- 12/31/98		—		?	No	?	?	Not avialble TAC	Toxic, but not Acute