

Cal/Ecotox Toxicity Data for Northern Flicker (*Colaptes auratus*)*

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Chemical	Tox Exposure	Endpoint Type	Endpoint Description	Endpoint Value	Note	Reference
DDT (Technical Grade Mixture)	0.24 (reference), 0.58 (treatment) ppm DDT and metabolites, wet wt, in eggs	TOX-REPRO - physiology	eggshell thickness	no effect	a	1
ENDRIN	1.3-1.7 kg/ha	TOX-EXP IND - accumulation	tissue endrin residues	brain=greater than or equal to 0.8 ppm, wet wt	b	2

Notes

- a Adult; F; Species - California (R)=*Colaptes auratus*; TOX - Chemical=DDT (Technical Grade Mixture); N=8 eggs (reference), 12 eggs (treatment); NE Oregon, SE Washington, Idaho; Tox Exp Tech=pesticide application; Tox Exp Dur=NR; Tox Study Dur=NR; Tox Stat Sig=N; Eggshell measurements taken 1 yr post-application.
- b NR; WA; NR; Species - California (R)=*Bubo virginianus*; Species - California (R)=*Zenaidura macroura*; Species - California (R)=*Colaptes auratus*; TOX - Chemical=72-20-8; N=1-3 animals; Wenatchee; Tox Exp Tech=pesticide application (late fall); Tox Exp Dur=NR; Tox Study Dur=approx. 10 mo.; Tox Stat Sig=NR; Sample was taken from individual in which cause of death was diagnosed as endrin poisoning (0.8 ppm was assumed to be a lethal concentration for brain).

References

- Henny, Charles J., Roger A. Olson and Dennis L. Meeker. 1977. Residues in common flicker and mountain bluebird eggs one year after a DDT application. *Bull. Environ. Contam. Toxicol.* 18(2):115-122.
- Blus, Lawrence J., Charles J. Henny, T. Earl Kaiser and Robert A. Grove. 1983. Effects on wildlife from use of endrin in Washington state orchards. *Trans. North Am. Wildl. Nat. Resour. Conf.* 48:159-174.

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