

5-4-87
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DATA EVALUATION RECORD

PAGE 1 OF

CASE: 238

DIAZINON

CONT-CAT: 02 GUIDELINES: 71-2

MRID: 22923

Hill, E.F.; Heath, R.G.; Spann, J.W.; et al. (1975) Lethal Dietary Toxicities of Environmental Pollutants to Birds: Special Scientific Report--Wildlife No. 191. (U.S. Dept. of the Interior, Fish and Wildlife Service, Patuxent Wildlife Research Center; Unpublished Report)

REVIEW RESULTS:

VALID ✓ INVALID INCOMPLETE

GUIDELINE: SATISFIED ✓ PARTIALLY SATISFIED NOT SATISFIED

DIRECT RVW TIME = 10 Minutes START DATE: 06/13/86 END DATE: 06/13/86

REVIEWED BY: *M* Margaret Rostker

TITLE: Wildlife Biologist

ORG: EEB/HED

LOC/TEL: 557-7562

SIGNATURE: *H.T. Craven*

5/4/87
DATE: 06/13/86

APPROVED BY: Harry Craven

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ORG: EEB/HED

LOC/TEL: 557-1741

SIGNATURE: *H.T. Craven*

5/4/87
DATE: *5/4/87*

This MRID number is changed to 0034769. The study is core.

D. Williams. *Spencer* 6-4-83

Table 1. Dietary toxicities of 131 compounds tested in 5-day diets of young bobwhites, Japanese quail, ring-necked pheasants, or mallards (1964-73)---continued

Compound	Toxicity statistics							
Species	Age (days) ^a	No. of conc. ^b	No. birds/ conc.	LC ₅₀ ^c (95% C.L.)	Slope ^d (S.D.)	RTD ^e (95% C.L.)		
<u>DDT</u>								
Bobwhite	23	5	7	611	(514-724)	7.357 (2.489)	16.6	(13.4-20.8)
Japanese quail	7	6	12	568	(470-687)	4.770 (1.367)	10.1	(7.9-13.0)
Ring-necked pheasant	21	4	7	311	(256-374)	10.982 (4.644)	7.3	(5.9-8.9)
Mallard	17	6	10	1869	(1500-2372)	3.896 (0.996)	9.6	(7.1-13.3)
<u>DDVP</u>								
Japanese quail	14	6	10	298	(257-345)	6.535 (1.369)	5.1	(4.2-6.2)
Ring-necked pheasant	10	6	10	568	(473-675)	5.521 (1.315)	10.1	(8.1-12.7)
Mallard	16	3	10	>5000	(10% mortality at 1250 ppm, 30% at 5000 ppm)			
Mallard	5	6	10	1317	(1043-1674)	2.349 (0.941)	8.3	(5.0-11.5)
<u>Demeton</u>								
Bobwhite	14	6	8	596	(472-768)	4.510 (1.289)	13.5 ^f	--
Japanese quail	12	6	10	275	(228-327)	5.168 (1.314)	5.2	(4.0-6.5)
Ring-necked pheasant	10	6	8	665	(572-773)	7.238 (1.915)	10.2	(8.3-12.5)
Mallard	10	6	11	598	(488-733)	2.689 (0.873)	4.3	(3.2-5.8)
<u>Maxinon</u>								
Bobwhite	10	4	8	245	(178-324)	10.771 (3.271)	6.41	(4.29-9.44)
Japanese quail	6	5	18	47	(40-54)	6.962 (1.017)	1.11	(0.91-1.35)
Ring-necked pheasant	22	4	8	144	(177-322)	6.796 (1.794)	6.01	(4.19-9.18)
Mallard	10	5	10	191	(138-253)	3.687 (1.186)	0.94	(0.63-1.33)

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