

US EPA ARCHIVE DOCUMENT

IBT DATA GAP EVALUATION FORM

10/11/81

Shaughnessy No. 105001

Chemical Terbufos

EEB File Reviewed for Supportive F & W Studies:

Test Material	Species	Test	IBT Test #	Test Status		Major IBT Gap
				Valid	Invalid	
96.7 % Tech.	Mallard Ducks	LC50	J-1777	C?		
96.7 % Tech.	Ring-n. Pheasant	LC50	J-1778		I	
86 % Tech.	Bobwhite Quail	LC50	Cannon	C		
86 % Tech.	Mallard Duck	LC50	Cannon	C		
B6 % Tech.	Mallard Duck	LC50	Cannon		I	
86 % Tech.	Bluegill Sunfish	LC50	Cannon	C		
86 % Tech.	Brown Trout	LC50	Cannon	C		
15 % Gran.	Pheasant	Sim. Field	Not IBT	Unk.		
15 % Gran.	Bluegill Sunfish	LC50	Beltsville		S	
15 % Gran.	Rainbow Trout	LC50	Beltsville		S	
15 % Gran.	<u>Daphnia magna</u>	LC50	Beltsville		S	
? %	Bobwhite Quail	Reprod.	Fink		?	
? %	Mallard Duck	Reprod.	Fink		?	

Uses: Soil insecticide/nematicide 15 % granular used on corn.

Data Gap Summary:

	Technical		Formulations			
	Have	Major Data Gap	Powder	Granular	Concentrate	
Six Basic Studies on Technical Material	Have	Major Data Gap	Have	Data Gap	Have	Data Gap
Avian Acute Oral LD50						
Avian Upland Game LC50	X					
Avian Waterfowl LC50	X					
Warm-water Fish LC50	X				S	
Cold-Water Fish LC50	X				S	
Aquatic Invert. EC50					S	
Additional Studies:						
Estuarine Fish LC50						
Estuarine Shrimp EC50						
Molluscan Larvae EC50						
Shell Deposition EC50						
Estuarine Algae EC50						
Fish Accumulation						
Avian Accumulation						
Avian Field Study						
Upland Game Species					?	
Waterfowl Species						
Avian Reproduction			Aquatic Reproduction			
Upland Game Species					Fish Embryolarvae	
Waterfowl Species					Fish Life-cycle	
					Invert. Life-cycle	

Reviewer: William S. Rabert
 William S. Rabert, Biologist
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