Appendix J

EIIS Pesticide Summary Report: General Information

Phorate (057201)

Incident #	Date	County	State	Certainty	Legal.	Formul.	Appl. Method	Total Magnitude
AQUATIC								
Agricultural Area								
I002814-001				3	RU		N/R	UNKNOWN
I007231-001	12/23/1997			3	RU	N/R	N/R	UNKNOWN
Corn								
B000150-003	5/1/1970		IL	4	RU	WDG	N/R	UNKNOWN
B000150-001	5/3/1970		IL	4	UN	WDG	N/R	40
MILO								
I000598-001	5/17/1985	BUTLER	NE	3	MA	WDG	Soil incorporation	HUNDREDS
N/R								
B0000-300-53	4/27/1970		IL	3	RU		N/R	UNKNOWN, BUT MANY
B0000-501-37	1/28/1978	IMPERIAL	CA	2	UN	N/R	N/R	20000
Spill								
B0000-300-55	11/17/1976		AR	3	MA		RAN INTO CREEK	90000
PLANTS								
Peanut								

Certainty Code: 0=Unrelated, 1=Unlikely, 2=Possible, 3=Probable, 4=Highly Probable.
Legality Code: RU=Registered Use, M=Misuse, MA=Misuse (Accidental), MI=Misuse (Intentional), U=Unknown.

Incident #	Date	County	State	Certainty	Legal.	Formul.	Appl. Method	Total Magnitude
I011838-088	5/21/2001	CADDO	OK	2	UN			127 acres
I011838-014	6/4/2001	MITCHELL	GA	2	UN	N/R	N/R	ALL
TERRESTRIAL								
No Data								
I018980-012	6/25/2004	Southampton	VA	4	UN			5
Agricultural Area								
I005754-010	6/22/1973	FRESNO	CA	4	RU	N/R	N/R	25
I000804-008	10/15/1982	Potter	SD	4	UN		N/R	UNKNOWN
B000150-009	1/16/1987	SOLANO	CA	3	RU	N/R	N/R	1
B0000-400-43	3/31/1989		WI	4	UN		N/R	UNKNOWN
I000805-006	4/3/1989	HUGHES	SD	4	MA		N/R	UNKNOWN
I004756-001	6/1/1996	WALLACE	KS	4	RU	N/R	N/R	5
ALFALFA								
B000150-004	11/4/1978	IMPERIAL	CA	4	MA	N/R	N/R	196
B000150-006	2/22/1981	MERCED	CA	4	RU	WDG	Broadcast	200
I000805-002	12/20/1982	TURNER	SD	3	MA		N/R	2
I000805-003	1/18/1993	TURNER	SD	4	MA			4
BARLEY								
B000150-010	11/4/1986	SISKIYOU	CA	3	MA	N/R	N/R	100
Corn								

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Incident #	Date	County	State	Certainty	Legal.	Formul.	Appl. Method	Total Magnitude
I000504-028	4/5/1991	ISLE OF WIGHT	VA	4	UN	WDG	N/R	1
N/R								
I002486-001			BC	4	UN	WDG		4
B0000-400-89	10/25/1982	Lyman	SD	3	UN		N/R	1
B000150-011	2/16/1987	JEFFERSON	ID	4	MI	N/R	N/R	1
B000150-013	4/7/1989	SAUK	WI	3	MA	WDG	N/A	74
I015522-001	1/13/1992			3	UN			3
I015522-002	12/15/1993			3	UN			4
I002486-002	12/15/1993	N/A	BC	3	UN		N/R	5
I002679-001	12/15/1993		BC	4	UN			11
RANGELAND								
I007495-002	7/1/1996	N/R	KS	4	UN	N/R	N/R	3
Sugar beet								
B000150-014	6/7/1972	FRESNO	CA	4	RU	WDG	Soil incorporation	25
B0000-219-10	6/22/1972	FRESNO	CA	4	UN		N/R	25
WHEAT								
B000150-005	2/19/1981	FRESNO	CA	4	RU	WDG	N/R	2000
B000150-008	10/16/1982	LYMAN	SD	4	RU	WDG	N/R	66
B000150-018	12/15/1982	POTTER	SD	4	UN	WDG	N/R	1
B000151-001	3/29/1989	HUGHES	SD	3	MA	WDG	Soil incorporation	75

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Incident #	Date	County	State	Certainty	Legal.	Formul.	Appl. Method	Total Magnitude
B000150-016	5/1/1991			3	RU	WDG	Soil incorporation	8

TERRESTRIAL/AQUATIC

ALFALFA

B0000-400-62	11/1/1978	IMPERIAL	CA	4	RU	WDG	Broadcast	175

Corn

B000150-002	5/2/1970		IL	4	RU	WDG	N/R	2500
I008109-001	12/7/1998	SACRAMENTO	CA	4	RU	N/R	N/R	157

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EIIS Pesticide Summary Report: Species Information
Phorate (057201)

Incident #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
AQUATIC					
Agricultural Area					
I002814-001					
	unknown fish		unknown	mortality	Runoff
I007231-001					
	n/r		unknown	mortality	Runoff
Corn					
B000150-001					
	bass	Centrarchidae spp.	20	mortality	Runoff
	bluegill	Lepomis macrochirus	30	mortality	Runoff
B000150-003					
	bass	Centrarchidae spp.	unknown	mortality	Runoff
	bluegill	Lepomis macrochirus	unknown	mortality	Runoff
	bluegill	Lepomis macrochirus	n/r	mortality	Runoff
MILO					
I000598-001					
	unknown fish		hundreds	mortality	Runoff
N/R					
B0000-300-53					
	bass	Centrarchidae spp.	unknown	mortality	Runoff

Incident #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
	bluegill	Lepomis macrochirus	unknown	mortality	Runoff
	greengill		unknown	mortality	Runoff
	silver minnow	Cyprinidae	unknown	mortality	Runoff
B0000-501-37					
	molly	Poecilia sp.	thousands	mortality	Runoff
	mosquito fish	Gambusia affinis	thousands	mortality	Runoff
Spill					
B0000-300-55					
	bass	Centrarchidae spp.	thousands	mortality	Spill
	buffalo	Catostomidae	thousands	mortality	Spill
	crappie	Centrarchidae	thousands	mortality	Spill
	sunfish	Centrarchidae	thousands	mortality	Spill

PLANTS

Peanut

I011838-014					
	peanut	Arachis hypogaea	all 48 acres	plant damage	Treated directly
I011838-088					
	peanut	Arachis hypogaea	127 acres	plant damage	Treated directly

TERRESTRIAL

No Data

I018980-012					
	canada goose	Branta canadensis	5	mortality	

Agricultural Area

Incident #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
B0000-400-43					
	barn owl	Tyto alba	1	mortality	Ingestion
	canada goose	Branta canadensis	10	mortality	Ingestion
	mallard	Anas platyrhynchos	55	mortality	Ingestion
B000150-009					
	red-tailed hawk	Buteo jamaicensis	1	mortality	N/R
I000804-008					
	american wigeon	Anas americana	42	mortality	Ingestion
	canada goose	Branta canadensis	3	mortality	Ingestion
	common pintail	Anas acuta	42	mortality	Ingestion
	gadwall	Anas strepera	36	mortality	Ingestion
	great horned owl	Bubo virginianus	4	mortality	Ingestion
	green-winged teal	Anas crecca	12	mortality	Ingestion
	mallard	Anas platyrhynchos	133	mortality	Ingestion
	northern harrier	Circus cyaneus	6	mortality	Ingestion
	red-tailed hawk	Buteo jamaicensis	2	mortality	Ingestion
I000805-006					
	duck	Anatidae	unknown	mortality	Ingestion
	eagle	Buteoninae	unknown	mortality	Ingestion
	goose	Anserinae	unknown	mortality	Ingestion
I004756-001					
	swift fox	Vulpes velox	5	mortality	Ingestion
I005754-010					
	black-necked stilt	Himantopus mexicanus	several	mortality	Ingestion
	duck	Anatidae	several	mortality	Ingestion

ALFALFA

Incident #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
B000150-004					
	cattle egret	Bulbulcus ibis	n/r	mortality	
	long-billed curlew	Numenius americanus	1	mortality	
	ring-billed gull	Larus delawarensis	n/r	mortality	
B000150-006					
	blackbird	Icteridae	25	mortality	Ingestion
	killdeer	Charadrius vociferus	25	mortality	Ingestion
	lark	Alaudidae	25	mortality	Ingestion
	sparrow	Fringillidae	25	mortality	Ingestion
	waterfowl	Anatidae	100	mortality	Ingestion
I000805-002					
	cow	Boss. sp.	2	mortality	Ingestion
BARLEY					
B000150-010					
	common pintail	Anas acuta	50	mortality	N/R
	mallard	Anas platyrhynchos	50	mortality	N/R
Corn					
I000504-028					
	american robin	Turdus migratorius	1	mortality	Ingestion
N/R					
B0000-400-89					
	golden eagle	Aquila chrysaetos	1	mortality	Ingestion
B000150-011					
	bald eagle	Haliaeetus leucocephalus	1	mortality	Ingestion
B000150-013					

Incident #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
	barn owl	Tyto alba	1	mortality	Spill
	canada goose	Branta canadensis	10	mortality	Spill
	hawk	Accipitridae	1	mortality	Ingestion
	mallard	Anas platyrhynchos	59	mortality	Spill
	skunk	Mustelidae	1	mortality	
	virginia opossum	Didelphis marsupialis	2	mortality	
I002486-001					
	eagle	Buteoninae	4	mortality	Ingestion
I002486-002					
	bald eagle	Haliaeetus leucocephalus	3	mortality	Ingestion
I002679-001					
	bald eagle	Haliaeetus leucocephalus	11	mortality	Ingestion
I015522-001					
	bald eagle	Haliaeetus leucocephalus	3	mortality	N/R
I015522-002					
	bald eagle	Haliaeetus leucocephalus	4	mortality	N/R
RANGELAND					
I007495-002					
	swift fox	Vulpes velox	3	mortality	Ingestion
Sugar beet					
B0000-219-10					
	duck	Anatidae	15	mortality	Ingestion
B000150-014					
	black-necked stilt	Himantopus mexicanus	5	mortality	Runoff
	duck	Anatidae	20	mortality	Runoff

Incident #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
WHEAT					
B000150-005					
	blackbird	Icteridae	2000	mortality	RUNOFF AND DRIFT
	pheasant	Phasianidae	2	mortality	RUNOFF AND DRIFT
	pigeon	Columbidae	several	mortality	RUNOFF AND DRIFT
B000150-008					
	american wigeon	Anas americana	9	mortality	Runoff
	common pintail	Anas acuta	6	mortality	Runoff
	gadwall	Anas strepera	4	mortality	Runoff
	golden eagle	Aquila chrysaetos	1	mortality	Runoff
	green-winged teal	Anas crecca	7	mortality	Runoff
	mallard	Anas platyrhynchos	38	mortality	Runoff
	red-tailed hawk	Buteo jamaicensis	1	mortality	Runoff
B000150-016					
	bobwhite quail	Colinus virginiansis	8	mortality	RUNOFF AND SPILL
B000150-018					
	bald eagle	Haliaeetus leucocephalus	1	mortality	Ingestion
B000151-001					
	duck	Anatidae	5	mortality	Runoff
	goose	Anserinae	70	mortality	Runoff

TERRESTRIAL/AQUATIC

Incident #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
ALFALFA					
B0000-400-62					
	cattle egret	Bulbulcus ibis	87	mortality	Ingestion
	ring-billed gull	Larus delawarensis	87	mortality	Ingestion
Corn					
B000150-002					
	bluegill	Lepomis macrochirus	unknown	mortality	Runoff
	catfish	Ictaluridae	1	mortality	Runoff
	crappie	Centrarchidae	n/r	mortality	Runoff
	fox squirrel	Sciurus niger	2	mortality	Runoff
	greengill		unknown	mortality	Runoff
	largemouth bass	Micropterus salmoides	n/r	mortality	Runoff
	silver minnow	Cyprinidae	n/r	mortality	Runoff
	smallmouth bass	Micropterus dolomieui	n/r	mortality	Runoff
	sunfish	Centrarchidae	n/r	mortality	Runoff
	watersnake	Nerodis	1	mortality	Runoff
I008109-001					
	american wigeon	Anas americana	2	mortality	TREATMENT
	duck	Anatidae	155	mortality	TREATMENT