EIIS Pesticide Summary Report: Species Information

Malathion (057701)

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
AQUATIC					
Agricultural area					
I005754-017					
	unknown fish		13000	mortality	Runoff
B0000-225					
	unknown fish		10000	mortality	Spill
B0000-218-05					
	crappie	Centrarchidae	thousands	mortality	Drift
	shad	Clupeidae	hundreds	mortality	Drift
I002059-002					
	largemouth bass	Micropterus salmoides	n/r	mortality	Runoff
	largemouth bass	Micropterus salmoides	some out of 30 dead	mortality	Runoff
Cotton					
B0000-500-32					
	american alligator	A. mississipiensis	1	mortality	Runoff
	unknown fish		unknown	mortality	Runoff
B0000-500-16					
	bream	Notemigonus crysoleucas	many	mortality	Drift
B0000-500-14					
	unknown fish		unknown	mortality	N/R

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
B0000-500-29					
	n/r		unknown	mortality	Drift
B0000-600-01					
	bream	Notemigonus crysoleucas	hundreds	mortality	Drift
	sunfish	Centrarchidae	hundreds	mortality	Drift
B0000-503-52					
	catfish	Ictaluridae	15	mortality	Drift
B0000-600-03					
	bass	Micropterus spp.	unknown	mortality	Drift
	bream	Notemigonus crysoleucas	unknown	mortality	Drift
	crappie	Centrarchidae	unknown	mortality	Drift
B0000-600-04					
	catfish	Ictaluridae	16	mortality	Drift
Industrial site					
I021178-001					
	unknown fish		5000	mortality	Runoff
N/R					
I000636-002					
	unknown fish		thousands	mortality	Spill
B0000-300-86					
	unknown fish		300	mortality	Ingestion
B0000-300-27					
	unknown fish		unknown	mortality	
B0000-502-05					
	bass	Micropterus spp.	100	mortality	Runoff
	bream	Notemigonus crysoleucas	100	mortality	Runoff

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
	crappie	Centrarchidae	100	mortality	Runoff
B0000-300-30					
	blue crab	Callinectes sapidus	500	mortality	Ingestion
	eel	Anguilliformes	500	mortality	Ingestion
	shad	Clupeidae	500	mortality	Ingestion
B0000-300-33					
	drum	Aplodinotus grunniens	n/r	mortality	Ingestion
	mullet	Mugilidae	n/r	mortality	Ingestion
	spot		n/r	mortality	Ingestion
	trout	Salmonidae	n/r	mortality	Ingestion
B0000-502-14					
	unknown fish		1000	mortality	N/R
I009790-001					
	bluegill	Lepomis macrochirus	14	mortality	Drift
	unknown fish		1500	mortality	Treated directly
Wide area					
I018937-001					
	rainbow trout	Onchorhynchus mykiss	some of 300	mortality	Flowing water
	whitefish	Coregonus sp.	some of 300	mortality	Flowing water
B0000-502-22					
	menhaden	Brevoortia sp.	thousands	mortality	Drift
B0000-502-04					
	pompano	Trachinotus sp.	200	mortality	Drift
B0000-502-25					
	american eel	Anguilla rostrata	unknown	mortality	Drift
	crayfish	Decapoda	unknown	mortality	Drift

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
	golden shiner	Notemigonus crysoleucas	unknown	mortality	Drift
	green sunfish	Lepomis cyanellus	unknown	mortality	Drift
	largemouth bass	Micropterus salmoides	unknown	mortality	Drift
	minnow	Cyprinidae	unknown	mortality	Drift
	pumpkinseed	Lepomis gibbosus	unknown	mortality	Drift
	redfin pickerel	Esox americunus	unknown	mortality	Drift
	warmouth	Lepomis gulosus	unknown	mortality	Drift
B0000-502-26					
	bluegill	Lepomis macrochirus	35	mortality	Runoff
	carp	Cyprinus carpio	100	mortality	Runoff
	golden shiner	Notemigonus crysoleucas	200	mortality	Runoff
	goldfish	Carassius auratus	15	mortality	Runoff
B0000-502-08					
	bream	Notemigonus crysoleucas	11	mortality	N/R
B0000-502-13					
	bream	Notemigonus crysoleucas	100	mortality	N/R
	croaker	Seiaenidae sp.	100	mortality	N/R
	spot tail bass		100	mortality	N/R
I000804-025					
	walleye	Sander viteus	thousands	mortality	Drift
	yellow perch	Perca flavescens	thousands	mortality	Drift

PLANTS

Agricultural area

I017893-021

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
	alfalfa	Medicago sativa	$ 49,999	plant damage	Drift, spray
I017719-001					
	wild rice	Zizania aquatica	126 acres	plant damage	Treated directly
N/R					
B0000-500-12					
	pecan		unknown	defoliation	Drift
Ornamental, woody					
I009262-112					
	rose	Rosa	35 to 40	browning	

TERRESTRIAL

No Data					
I022341-001					
	honey bee	Apis millifera	32	mortality	N/R
Agricultural area					
I013883-036					
	bee	Apidae	137 hives	mortality	N/R
Alfalfa					
I000130-001					
	bee	Apidae	unknown	mortality	Drift
Bait, carcass/meat					
I021729-021					
	peregrine falcon	Falco peregrinus	1	mortality	Bait consumption
Cherry					

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I014341-043					
	honey bee	Apis millifera	56 hives	mortality	Drift, spray
I014341-044					
	leafcutter bee	Megachile sp.	unknown	mortality	Drift, spray
I020627-030					
	bee	Apidae	13 hives	mortality	N/R
Cotton					
B0000-600-02					
	bee	Apidae	unknown	mortality	Drift
Greenhouse					
I023931-056					
	tomato		<45% of tomatoes	plant damage	Treated directly
N/R					
R000-03-002					
	gray fox squirrel	Sciurus carolinensis	10	mortality	Ingestion
I014409-052					
	bee	Apidae	not given	mortality	N/R
I017087-001					
	boat-tailed grackle	Cassidix mexicanus	47	mortality	Ingestion
Residential					
I024071-207					
	rose	Rosa	>45% of roses	mortality	N/R
Residentials					
I024272-172					
	unknown plant		>45% plants	plant damage	Treated directly

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
Wide area					
I005754-011					
	western sandpiper	Calidris mauri	17	mortality	N/R

TERRESTRIAL/AQUATIC

N/R					
I014123-006					
	bowfin	Amia calva	unknown	mortality	Treated directly
	carp	Cyprinus carpio	unknown	mortality	Treated directly
	catfish	Ictaluridae	unknown	mortality	Treated directly
	crappie	Centrarchidae	unknown	mortality	Treated directly
	largemouth bass	Micropterus salmoides	unknown	mortality	Treated directly
	sunfish	Centrarchidae	unknown	mortality	Treated directly
	turtle	Testudines	unkown	mortality	Treated directly
	unknown fish		approx. 2,000	mortality	Treated directly
	unknown snake		unkown	mortality	Treated directly