	CAS Number	Chemical Name	Species Number	Phylum	Class	Order	Family	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Habitat	Plant/Animal	Media	Dur Orig	Dur Unit Orig	Dur Preferred	Dur Unit Preferred	Conc Type	Conc Value1 Orig	Conc Units Orig
1	330552	Linuron	17323	Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Aspergillus	parasiticus	Fungus	BCM	BCM	AFB1	LOAEL		terrestrial	NR	CUL	7	d	7	d	A	50	ai ppm
2	330552	Linuron	17323	Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Aspergillus	parasiticus	Fungus	BCM	BCM	VHAC	LOAEL		terrestrial	NR	CUL	7	d	7	d	A	50	ai ppm
3	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	BCM	HRM	TSTR	NOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d
4	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	BCM	BCM	TRG	NOAEL	LOAEL	terrestrial	Animal	NONE	10	wk	70	d	F	10	mg/kg bdwt
5	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	BCM	ENZ	ALPH	NOAEL		terrestrial	Animal	NONE	10	wk	70	d	F	40	mg/kg bdwt
6	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	BCM	ENZ	P450	LOAEL		terrestrial	Animal	NONE	4	d	4	d	F	67	mg/100g bw
7	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	BCM	HRM	ESDL	NOAEL		terrestrial	Animal	NONE	14	d	14	d	F	200	mg/kg
8	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	BCM	HRM	ESDL	LOAEL		terrestrial	Animal	NONE	14	d	14	d	F	200	mg/kg
9	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	BCM	HRM	ESDL	LOAEL	NOAEL	terrestrial	Animal	NONE	124	d	124	d	F	625	ppm
10	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	BCM	HRM	ESDL	LOAEL	NOAEL	terrestrial	Animal	NONE	203	d	203	d	F	625	ppm
11	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	BCM	HRM	TSTR	NOAEL		terrestrial	Animal	NONE	4	d	4	d	A	100	mg/kg bdwt/d
12	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	BCM	ENZ	AHHD	LOAEL		terrestrial	Animal	NONE	14	d	14	d	F	150	mg/kg bdwt
13	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	BCM	ENZ	AHHD	LOAEL		terrestrial	Animal	NONE	14	d	14	d	A	315.8	Al mg/kg bdwt
14	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	BCM	BCM	PHPH	NOEC		Aquatic	NR	FW	1	wk	7	d	F	0.5	ug/L
15	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	BCM	BCM	PHPH	LOEC		Aquatic	NR	FW	3	wk	21	d	F	15	ug/L
16	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	BCM	BCM	PHPH	LOEC		Aquatic	NR	FW	1	wk	7	d	F	5	ug/L
17	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	BCM	BCM	PHPH	NOEC		Aquatic	NR	FW	3	wk	21	d	F	5	ug/L
18	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	BCM	BCM	PHPH	NOEC		Aquatic	NR	FW	2	wk	14	d	F	15	ug/L
19	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	BCM	BCM	PHPH	LOEC		Aquatic	NR	FW	2	wk	14	d	F	50	ug/L
20	330552	Linuron	5	Arthropoda	Branchiopoda	Diplostraca	Daphniidae	Daphnia	magna	Water flea	BEH	BEH	PHTR	NOAEL	LOAEL	aquatic	Animal	FW	15	mi	1.04E-02	d	F	375	ug/L
21	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	NOAEL		terrestrial	Animal	NONE	9	d	9	d	F	50	mg/kg/d
22	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	LOAEL		terrestrial	Animal	NONE	14	d	14	d	F	200	mg/kg
23	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	BEH	FDB	FCNS	LOAEL		terrestrial	Animal	NONE	14	d	14	d	F	200	mg/kg
24	330552	Linuron	4913	Chordata	Mammalia	Rodentia	Muridae	Mus	musculus	House mouse	CEL	GEN	BRAK	NOAEL		terrestrial	Animal	NONE	90	d	90	d	F	10	ug/ml
25	330552	Linuron	4913	Chordata	Mammalia	Rodentia	Muridae	Mus	musculus	House mouse	CEL	CEL	PCCM	NOAEL		terrestrial	Animal	NONE	30	h	1.25	d	F	450	mg/kg
26	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	CEL	HIS	LESI	NOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d
27	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	CEL	GEN	PCNA	LOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d
28	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	CEL	HIS	LESI	NOAEL		terrestrial	Animal	NONE	65	d	65	d	F	50	mg/kg/d
29	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	CEL	GEN	GEXP	LOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d
30	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	CEL	GEN	GEXP	LOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d
31	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	CEL	GEN	MRNA	LOAEL		terrestrial	Animal	NONE	4	d	4	d	A	100	mg/kg bdwt/d
32	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	CEL	CEL	VIAB	NOAEL		terrestrial	Animal	NONE	1	h	4.17E-02	d	F	450	mg/kg bdwt
33	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	CEL	GEN	DAMG	NOAEL	LOAEL	terrestrial	Animal	NONE	1	h	4.17E-02	d	F	300	mg/kg bdwt
34	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	CEL	CEL	VIAB	NOAEL	LOAEL	terrestrial	Animal	NONE	1	h	4.17E-02	d	F	315.8	mg/kg bdwt
35	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	CEL	GEN	DAMG	NOAEL	LOAEL	terrestrial	Animal	NONE	1	h	4.17E-02	d	F	631.6	mg/kg bdwt
36	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	CEL	CEL	CVIA	LOAEL		terrestrial	Animal	NONE	1	h	4.17E-02	d	F	450	mg/kg bdwt
37	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	CEL	GEN	DAMG	NOAEL		terrestrial	Animal	NONE	16	h	0.666667	d	F	450	mg/kg bdwt
38	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	CEL	CEL	PCRC	LOAEL		terrestrial	Animal	NONE	24	h	1	d	F	300	mg/kg bdwt
39	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	CEL	CEL	PCRC	NOAEL	LOAEL	terrestrial	Animal	NONE	24	h	1	d	F	631.6	mg/kg bdwt
40	330552	Linuron	5	Arthropoda	Branchiopoda	Diplostraca	Daphniidae	Daphnia	magna	Water flea	GRO	GRO	SIZE	NOAEL		aquatic	Animal	FW	6	d	6	d	F	100	ug/L
41	330552	Linuron	479	Chlorophyta	Chlorophyceae	Chlorococcales	Oocystaceae	Chlorella	vulgaris	Green algae	GRO	GRO	GRRT	NOAEL	LOAEL	aquatic	Plant	FW	21	d	21	d	A	60	ug/L
42	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	LOAEL		terrestrial	Animal	NONE	4	d	4	d	A	75	mg/kg/d
43	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	ABNM	LOAEL		terrestrial	Animal	NONE	-98	d	-98	d	A	75	mg/kg/d
44	330552	Linuron	4913	Chordata	Mammalia	Rodentia	Muridae	Mus	musculus	House mouse	GRO	GRO	GAIN	NOAEL		terrestrial	Animal	NONE	90	d	90	d	F	10	ug/ml
45	330552	Linuron	4913	Chordata	Mammalia	Rodentia	Muridae	Mus	musculus	House mouse	GRO	MPH	WGHT	LOAEL		terrestrial	Animal	NONE	90	d	90	d	F	10	ug/ml
46	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL	LOAEL	terrestrial	Animal	NONE	109	d	109	d	F	25	mg/kg/d
47	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	DVP	SXDP	NOAEL	LOAEL	terrestrial	Animal	NONE	22	d	22	d	F	25	mg/kg/d
48	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		terrestrial	Animal	NONE	109	d	109	d	F	50	mg/kg/d

	Conc Value1 Purity Adjusted	Conc Value1 Operator	Conc Value1 Preferred	Conc Value2 Orig	Conc Value2 Purity Adjusted	Conc Value2 Operator	Conc Value2 Preferred	Conc Units Preferred	Number of Conc	pH	Hardness	Hardness Unit	Organic Matter Value	Organic Matter Unit	Organic Matter Type	% Purity	Test Loc	Exp Type	Test ID	Ref #	Author	Title	Source	Publication Year	Comments
1	50		50					ppm	4							100	Lab	CM	NO	75785	Hasan HAH;	Mode of Action of Pesticides on Aflatoxin Biosynthesis and Oxidase System Activity	Microbiol Res 154(1): 95-102	1999	ORG/aar 1 (w 49) strain// EE/Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, and Averufin also reported.// GENERAL/mixture//
2	50		50					ppm	4							100	Lab	CM	NO	75785	Hasan HAH;	Mode of Action of Pesticides on Aflatoxin Biosynthesis and Oxidase System Activity	Microbiol Res 154(1): 95-102	1999	ORG/ver 1 (wh 1) strain// EE/versiconal hemiacetal acetate biosynthesis, also reported versicolorin A// GENERAL/mixture//
3	50		50					mg/kg bdwt	1							100	Lab	GV	NO	72467	McIntyre BS;Barlow NJ;Sar M;Wallace DG;Foster PMD;	Effects of In Utero Linuron Exposure on Rat Wolffian Duct Development	Reprod Toxicol 16(2): 131-139	2002	ORG/CRL: CD(SD)BR strain// EXPDUR/Danis exposed gestational days 12 to 21, measurements on male fetuses, data also reported 6 and 8 d// EE/male fetus testosterone levels, also reported intratesticular levels//
4	9.51		9.51	20	19.02		19.02	mg/kg bdwt	3							95.1	Lab	GV	NO	79995	Andrews JE;Gray LE;	The Effects of Lindane and Linuron on Calcium Metabolism, Bone Morphometry and the Kidney in Rats	Toxicology60(1/2): 99-107	1990	ORG/Fmal BW: Long Evans hooded from Charles River Breeding Lab// EE/Also reported, calcium, and phosphorus. Urine results also reported.// CHAR/Not number DPX-2326// GENERAL/Renal histology also reported without stats.//
5	38.04		38.04					mg/kg bdwt	3							95.1	Lab	GV	NO	79995	Andrews JE;Gray LE;	The Effects of Lindane and Linuron on Calcium Metabolism, Bone Morphometry and the Kidney in Rats	Toxicology60(1/2): 99-107	1990	ORG/Fmal BW: Long Evans hooded from Charles River Breeding Lab// EE/Also reported, calcium, and phosphorus. Urine results also reported.// CHAR/Not number DPX-2326// GENERAL/Renal histology also reported without stats.//
6	62.31		623.1					mg/kg bdwt	1							93	Lab	GV	NO	95111	Schoket B;Vincze I;	Induction of Rat Hepatic Drug Metabolizing Enzymes by Substituted Urea Herbicides	Acta Pharmacol Toxicol 56(4): 283-288	1985	ORG/Wistar. Initial BW 160 to 200g// EXPDUR/Treatment for 3 days plus 24 hours until termination.// EE/Also reported, cytochrome b, NADPH cytochrome c reductase, NADH cytochrome c reductase, benzo(a)pyrene monooxygenase, 7-Ethoxycoumarin o-deethylase, Aminopyrine N-demethylase, aldrin epoxidase, UDP-glucuronyl transferase and Glutathione S-transferase.// CHAR/Suspended in 4% aqueous solution// GENERAL/Index of induction also reported.//
7	194		194					mg/kg bdwt	1							97	Lab	GV	NO	95699	Cook JC;Mullin LS;Frame SR;Biegal LB;	Investigation of a Mechanism for Leydig Cell Tumorigenesis by Linuron in Rats	Toxicol Appl Pharmacol 119(2): 195-204	1993	ORG/CD strain// EE/estradiol level, also reported testosterone and luteinizin hormone// EDES/one control fed ad libitum and second control pair-fed (received same amount food consumed by dosed rats)// CHAR/vehicle methocel// GENERAL/CONTRV,pair-fed///
8	194		194					mg/kg bdwt	1							97	Lab	GV	NO	95699	Cook JC;Mullin LS;Frame SR;Biegal LB;	Investigation of a Mechanism for Leydig Cell Tumorigenesis by Linuron in Rats	Toxicol Appl Pharmacol 119(2): 195-204	1993	ORG/CD strain// EE/estradiol level inc, also reported testosterone an luteinizing hormone// EDES/one control fed ad libitum and second control pair-fed (received same amount food consumed by dosed rats)// CHAR/vehicle methocel// GENERAL/CONTRV,pair-fed///
9	606.25		606.25	100	97		97	ppm	3							97	Lab	FD	NO	95699	Cook JC;Mullin LS;Frame SR;Biegal LB;	Investigation of a Mechanism for Leydig Cell Tumorigenesis by Linuron in Rats	Toxicol Appl Pharmacol 119(2): 195-204	1993	ORG/CD strain// EXPDUR/122 d/ 124 d// EE/estradiol conc inc, also reported testosterone and luteinizing hormone conc// EDES/generational study, P1// CHAR/vehicle methocel// GENERAL/P1 generation for generational study//
10	606.25		606.25	100	97		97	ppm	3							97	Lab	FD	NO	95699	Cook JC;Mullin LS;Frame SR;Biegal LB;	Investigation of a Mechanism for Leydig Cell Tumorigenesis by Linuron in Rats	Toxicol Appl Pharmacol 119(2): 195-204	1993	ORG/CD strain// EXPDUR/189 to 203 d// EE/estradiol conc inc, also reported testosterone and luteinizing hormone conc// EDES/generational study, F1, P1 fed same diet from 60 d for 122 d, F1 males were fed diet for 147 to 161 days after weaning at 21st day// CHAR/vehicle methocel// GENERAL/F1 generation for generational study//
11	100		100					mg/kg bdwt	1							100	Lab	GV	NO	95477	Lambright C;Ostby J;Bobseine K;Wilson V;Hotchkiss AK;Mann PC;Gray LE;	Cellular and Molecular Mechanisms of Action of Linuron: An Antiandrogenic Herbicide that Produces Reproductive Malformations in Male Rats	Toxicol Sci56(2): 389-399	2000	ORG/Sprague-Dawley, castrated, final weight reported// EDES/all rats treated with testosterone //
12	147.75		147.75					mg/kg bdwt	3							98.5	Lab	GV	NO	95667	Scassellati-Sforzolini G;Moretti M;Villarini M;Monarca S;Fatigoni C;Pasquini R;	In Vivo Studies on Enzymatic Induction Activity of Linuron	J Environ Pathol Toxicol Oncol 13(1): 11-17	1994	ORG/Wistar strain// EXPDUR/treated for 2 weeks 5 days per week// EDES/Author tests biochemical and growth effects using pure chemical// GENERAL/OEF/APND, GLPX and GSTR also reported//
13	315.8		315.8					At mg/kg bdwt	3							47.5	Lab	GV	NO	95667	Scassellati-Sforzolini G;Moretti M;Villarini M;Monarca S;Fatigoni C;Pasquini R;	In Vivo Studies on Enzymatic Induction Activity of Linuron	J Environ Pathol Toxicol Oncol 13(1): 11-17	1994	ORG/Wistar strain// EXPDUR/treated for 2 weeks 5 days per week// EDES/Author tests biochemical and growth effects using commercially available chemical// CHAR/percent active principle// GENERAL/OEF/APND, GLPX and GSTR also reported//
14	0.5		0.0005					mg/L		>=7 to<10 >						100	FIELD	A	E	216048	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyta-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH/IPH/FROM GRAPH///
15	15		0.015					mg/L		>=7 to<10 >						100	FIELD	A	E	216041	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyta-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH/IPH/FROM GRAPH/TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK//
16	5		0.005					mg/L		>=7 to<10 >						100	FIELD	A	E	216039	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyta-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH/IPH/FROM GRAPH///
17	5		0.005					mg/L		>=7 to<10 >						100	FIELD	A	E	216050	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyta-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH/IPH/FROM GRAPH/TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK//
18	15		0.015					mg/L		>=7 to<10 >						100	FIELD	A	E	216049	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyta-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH/IPH/FROM GRAPH/TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK//
19	50		0.05					mg/L		>=7 to<10 >						100	FIELD	A	E	216040	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyta-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH/IPH/FROM GRAPH/TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK//
20	375		0.375	750	750		0.75	mg/L	6	7.6 to 8.0*	160 to 180*	mg/L CaCO3				100	Lab	S	NO	94072	Martins J;Soares ML;Saker ML;OliveTeles L;Vasconcelos MW;	Phototactic Behavior in Daphnia magna Straus as an Indicator of Toxicants in the Aquatic Environment	Ecotoxicol Environ Saf 67(3): 417-422	2007 Jul	EXPDUR/Additional durations reported.// EDES/Phtoactic response assay Triplicate runs. animals held in nutrient poor medium prior to commencement of experiments.// CHAR/Source from Riedel-de-Haen.//
21	50		50					mg/kg bdwt	3							100	Lab	GV	NO	68643	McIntyre BS;Barlow NJ;Wallace DG;Maness SC;Gaido KW;Foster PMD;	Effects of In Utero Exposure to Linuron on Androgen-Dependent Reproductive Development in the Male Crl:CD(SD)BR Rat	Toxicol Appl Pharmacol 167(2): 87-99	2000	ORG/Pregnant GD 12. Final BW // EXPDUR/GD 12 to PND 21. Additional durations reported.// GENERAL/Also reported, histological findings in offspring also reported without stats.//
22	194		194					mg/kg bdwt	1							97	Lab	GV	NO	95699	Cook JC;Mullin LS;Frame SR;Biegal LB;	Investigation of a Mechanism for Leydig Cell Tumorigenesis by Linuron in Rats	Toxicol Appl Pharmacol 119(2): 195-204	1993	ORG/CD strain// EE/food consumption dec// EDES/one control fed ad libitum and second control pair-fed (received same amount food consumed by dosed rats)// CHAR/vehicle methocel// GENERAL/CONTRV,pair-fed///
23	194		194					mg/kg bdwt	1							97	Lab	GV	NO	95699	Cook JC;Mullin LS;Frame SR;Biegal LB;	Investigation of a Mechanism for Leydig Cell Tumorigenesis by Linuron in Rats	Toxicol Appl Pharmacol 119(2): 195-204	1993	ORG/CD strain// EE/food consumption dec// EDES/one control fed ad libitum and second control pair-fed (received same amount food consumed by dosed rats)// CHAR/vehicle methocel// GENERAL/CONTRV,pair-fed///
24	10		10					ppm	1							100	Lab	DR	NO	78659	Roloff BD;Belluck DA;Meisner LF;	Cytogenetic Studies of Herbicide Interactions in Vitro and In Vivo Using Atrazine and Linuron	Arch Environ Contam Toxicol 22(3): 267-271	1992	ORG/CR outbreed, weight of treated mice at end of experiment// EE/bone marrow cells, chromatid breaks, chromosome exchange, hyperploid, aberrant cell, mitotic index also reported// EDES/test solution renewed weekly// GENERAL/CONTRV,PI///
25	450		450					mg/kg bdwt	1							100	Lab	GV	NO	88676	Seiler JP;	Nitrosation In Vitro and In Vivo by Sodium Nitrite, and Mutagenicity of Nitrogenous Pesticides	Mutat Res 48(2): 225-236	1977	ORG/CR strain// CHAR/carrier 2% with excess sodium nitrate//
26	50		50					mg/kg bdwt	1							100	Lab	GV	NO	72467	McIntyre BS;Barlow NJ;Sar M;Wallace DG;Foster PMD;	Effects of In Utero Linuron Exposure on Rat Wolffian Duct Development	Reprod Toxicol 16(2): 131-139	2002	ORG/CRL: CD(SD)BR strain// EXPDUR/Danis exposed gestational days 12 to 21, measurements on male fetuses, data also reported 6 and 8 d// EE/male fetus lesions including complete agenesis, decreased number of ductules and ductular dialation, Post Natal data also reported//
27	50		50					mg/kg bdwt	1							100	Lab	GV	NO	72467	McIntyre BS;Barlow NJ;Sar M;Wallace DG;Foster PMD;	Effects of In Utero Linuron Exposure on Rat Wolffian Duct Development	Reprod Toxicol 16(2): 131-139	2002	ORG/CRL: CD(SD)BR strain// EXPDUR/Danis exposed gestational days 12 to 21, measurements on male fetuses, data also reported 6 and 8 d// EE/PCNA index of male fetal testis//
28	50		50					mg/kg bdwt	1							100	Lab	GV	NO	68446	McIntyre BS;Barlow NJ;Foster PMD;	Male Rats Exposed to Linuron In Utero Exhibit Permanent Changes in Anogenital Distance, Nipple Retention, and Epididymal Malformations that Result in Subsequent Testicular Atrophy	65(1): 62-70	2002	ORG/Pregnant GD13// EXPDUR/GD 12 to PND 56. //
29	50		50					ppm	1							100	Lab	GE	NO	95478	Turner KJ;McIntyre BS;Phillips SL;Barlow NJ;Bowman CJ;Foster PMD;	Altered Gene Expression During Rat Wolffian Duct Development in Response to In Utero Exposure to the Antiandrogen Linuron	74(1): 114-128	2003	ORG/Crl:CD(SD)BR strain, obtained on GD 0// EXPDUR/gestational day 12 to GD 21// EE/F1, males, androgen receptor mRNA expression// EDES/Author tests growth, development, cellular and histological effects on male fetuses, block 1// GENERAL/OEF/DVLP also reported//
30	50		50					ppm	1							100	Lab	GE	NO	95478	Turner KJ;McIntyre BS;Phillips SL;Barlow NJ;Bowman CJ;Foster PMD;	Altered Gene Expression During Rat Wolffian Duct Development in Response to In Utero Exposure to the Antiandrogen Linuron	74(1): 114-128	2003	ORG/Crl:CD(SD)BR strain, obtained on GD 0// EXPDUR/gestational day 12 to GD 21, sampled PND 7// EE/insulin like growth factor 1 receptor expression, IGF-1R, F1 males// EDES/Author tests growth, development, cellular and histological effects on male pups, block 3// GENERAL/other gene expesions also reported//
31	100		100					mg/kg bdwt	1							100	Lab	GV	NO	95477	Lambright C;Ostby J;Bobseine K;Wilson V;Hotchkiss AK;Mann PC;Gray LE;	Cellular and Molecular Mechanisms of Action of Linuron: An Antiandrogenic Herbicide that Produces Reproductive Malformations in Male Rats	Toxicol Sci56(2): 389-399	2000	ORG/Sprague-Dawley, castrated, final weight reported// EE/TRPM2, C3 mRNA also reported// EDES/all rats treated with testosterone //
32	443.25		443.25					mg/kg bdwt	3							98.5	Lab	GV	NO	95478	Scassellati-Sforzolini G;Pasquini R;Moretti M;Villarini M;Fatigoni C;Odaira P;Monarca S;Cadenni G;Kuchenmeister F;Schmezer P;Pool-Zobel BL;	In Vivo Studies on Genotoxicity of Pure and Commercial Linuron	Mutat Res 390(3): 207-221	1997	ORG/Wistar strain// EE/no data for 150 mg/kg bdwt dose// EDES/Author tests cellular and genetic effects using pure chemical// GENERAL/OEF/metabolism and bacterial study also reported, //
33	295.5		295.5	450	443.25		443.25	mg/kg bdwt	3							98.5	Lab	GV	NO	95478	Scassellati-Sforzolini G;Pasquini R;Moretti M;Villarini M;Fatigoni C;Odaira P;Monarca S;Cadenni G;Kuchenmeister F;Schmezer P;Pool-Zobel BL;	In Vivo Studies on Genotoxicity of Pure and Commercial Linuron	Mutat Res 390(3): 207-221	1997	ORG/Wistar strain// EE/percent DNA retained on filter, no data for 150 mg/kg bdwt dose// EDES/Author tests cellular and genetic effects using pure chemical// GENERAL/OEF// metabolism, bacterial study also reported, //
34	150.005		150.005	631.6	300.01		300.01	mg/kg bdwt	3							47.5	Lab	GV	NO	95478	Scassellati-Sforzolini G;Pasquini R;Moretti M;Villarini M;Fatigoni C;Odaira P;Monarca S;Cadenni G;Kuchenmeister F;Schmezer P;Pool-Zobel BL;	In Vivo Studies on Genotoxicity of Pure and Commercial Linuron	Mutat Res 390(3): 207-221	1997	ORG/Wistar strain// EDES/Author tests cellular and genetic effects using commercially available chemical// GENERAL/OEF/ metabilism, bacterial study also reported//
35	300.01		300.01	947.4	450.015		450.015	mg/kg bdwt	3							47.5	Lab	GV	NO	95478	Scassellati-Sforzolini G;Pasquini R;Moretti M;Villarini M;Fatigoni C;Odaira P;Monarca S;Cadenni G;Kuchenmeister F;Schmezer P;Pool-Zobel BL;	In Vivo Studies on Genotoxicity of Pure and Commercial Linuron	Mutat Res 390(3): 207-221	1997	ORG/Wistar strain// EE/percent DNA retained on filter// EDES/Author tests cellular and genetic effects using commercially available chemical// GENERAL/OEF/metabolism, bacterial study also reported//
36	443.25		443.25					mg/kg bdwt	3							98.5	Lab	GV	NO	95478	Scassellati-Sforzolini G;Pasquini R;Moretti M;Villarini M;Fatigoni C;Odaira P;Monarca S;Cadenni G;Kuchenmeister F;Schmezer P;Pool-Zobel BL;	In Vivo Studies on Genotoxicity of Pure and Commercial Linuron	Mutat Res 390(3): 207-221	1997	ORG/Wistar strain// EE/no data for 150 or 300 mg/kg bdwt dose// EDES/Author tests cellular and genetic effects using pure chemical// GENERAL/V and P controls, OEF/metabolism, CCHG, LGTH also reported, bacterial study also reported//
37	443.25		443.25					mg/kg bdwt	3							98.5	Lab	GV	NO	95478	Scassellati-Sforzolini G;Pasquini R;Moretti M;Villarini M;Fatigoni C;Odaira P;Monarca S;Cadenni G;Kuchenmeister F;Schmezer P;Pool-Zobel BL;	In Vivo Studies on Genotoxicity of Pure and Commercial Linuron	Mutat Res 390(3): 207-221	1997	ORG/Wistar strain// EE/percent DNA in tail, also reported at 1 hour, no data for 150 or 300 mg/kg bdwt dose// EDES/Author tests cellular and genetic effects using pure chemical// GENERAL/V and P controls, OEF/metabolism, CCHG, LGTH also reported, bacterial study also reported//
38	295.5		295.5					mg/kg bdwt	3							98.5	Lab	GV	NO	95478	Scassellati-Sforzolini G;Pasquini R;Moretti M;Villarini M;Fatigoni C;Odaira P;Monarca S;Cadenni G;Kuchenmeister F;Schmezer P;Pool-Zobel BL;	In Vivo Studies on Genotoxicity of Pure and Commercial Linuron	Mutat Res 390(3): 207-221	1997	ORG/Wistar strain// EE/PCE to NCE ratio, no data for 150 or 450 mg/kg bdwt dose// EDES/Author tests cellular and genetic effects using pure chemical// GENERAL/V and P controls, OEF/metabolism, PCCM also reported, bacterial study also reported//
39	300.01		300.01	947.4	450.015		450.015	mg/kg bdwt	3							47.5	Lab	GV	NO	95478	Scassellati-Sforzolini G;Pasquini R;Moretti M;Villarini M;Fatigoni C;Odaira P;Monarca S;Cadenni G;Kuchenmeister F;Schmezer P;Pool-Zobel BL;	In Vivo Studies on Genotoxicity of Pure and Commercial Linuron	Mutat Res 390(3): 207-221	1997	ORG/Wistar strain// EE/PCE to NCE ratio// EDES/Author tests cellular and genetic effects using commercially available chemical// GENERAL/V and P controls, OEF/metabolism, PCCM also reported, bacterial study also reported//
40	100		0.1					mg/L	nr							100	Lab	R	NO	93397	Kashian DR;Dodson SI;	Effects of Common-Use Pesticides on Developmental and Reproductive Processes in Daphnia	Toxicol Ind Health18(5): 225-235	2002	GENERAL/alpha = 0.05//
41	60		0.06	180	180		0.18	mg/L	3							97	Field	S	NO	95475	Stijkerman DME;Moreira-Santos M;Jak RG;Ribeiro R;Soares AMVM;Van Straalen NM;	Functional and Structural Impact of Linuron on a Freshwater Community of Primary Producers: The Use of Immobilized Algae	Environ Toxicol Chem 24(10): 2477-2485	2005	EXPDUR/Other durations also reported// EE/The NOEAL was a significantly increased beneficial effect over the control.// EDES/Testing took place in an outdoor modal ecosystem. Measured concentrations reported but not used in results. Water chemistry parameters varied during the test period and over different concentrations.// GENERAL/Macrophyte growth also reported.//
42	75		75					mg/kg bdwt	1							100	Lab	GV	NO	96068	Hotchkiss AK;	The Effect of Androgens and Antiandrogens on Sexual Differentiation in Male and Female Rats	Ph D Thesis, North Carolina State Univ ,NC(): 156 p.-	2001	ORG/Pregnant Sprague Dawley // EXPDUR/Gestation day 14 to 3 post natal months.// EE/Additional morphology effects include ventral prostate, seminal vesicle, testes, glans penis, ventral prostate, epididymis locations, liver, pituita adrenals,kidney, anogenital distance, areola retention, increased nipple retention, and other genital phallus responses.// EDES/Chapter 4. Developmental effects of linuron administered during gestation.// CHAR/Dupor lot number 225//
43	75		75					mg/kg bdwt	1							100	Lab	GV	NO	96068	Hotchkiss AK;	The Effect of Androgens and Antiandrogens on Sexual Differentiation in Male and Female Rats	Ph D Thesis, North Carolina State Univ ,NC(): 156 p.-	2001	ORG/Pregnant Sprague Dawley // EXPDUR/Gestation day 14 to 3 post natal months.// EE/Additional morphology effects include ventral prostate, seminal vesicle, testes, glans penis, ventral prostate, epididymis locations, liver, pituita adrenals,kidney, anogenital distance, areola retention, increased nipple retention, and other genital phallus responses.// EDES/Chapter 4. Developmental effects of linuron administered during gestation.// CHAR/Dupor lot number 225//
44	10		10					ppm	1							100	Lab	DR	NO	78659	Roloff BD;Belluck DA;Meisner LF;	Cytogenetic Studies of Herbicide Interactions in Vitro and In Vivo Using Atrazine and Linuron	Arch Environ Contam Toxicol 22(3): 267-271	1992	ORG/CR outbreed, weight of treated mice at end of experiment// EE/whole organism, weight also reported// EDES/test solution renewed weekly// GENERAL/CONTRV,PI///
45	10		10					ppm	1							100	Lab	DR	NO	78659	Roloff BD;Belluck DA;Meisner LF;	Cytogenetic Studies of Herbicide Interactions In Vitro and In Vivo Using Atrazine and Linuron	Arch Environ Contam Toxicol 22(3): 267-271	1992	ORG/CR outbreed, weight of treated mice at end of experiment// EE/spleen liver, somatic index also reported// EDES/test solution renewed weekly// GENERAL/CONTRV,PI///
46	25		25	50	50		50	mg/kg bdwt	3							100	Lab	GV	NO	68642	McIntyre BS;Barlow NJ;Wallace DG;Maness SC;Gaido KW;Foster PMD;	Effects of In Utero Exposure to Linuron on Androgen-Dependent Reproductive Development in the Male Crl:CD(SD)BR Rat	Toxicol Appl Pharmacol 167(2): 87-99	2000	ORG/pregnant GD 12// EXPDUR/GD 12 to PND 100// EE/Organ weights of treated dams also reported additional response sites include epididymides, testes, vasa differentia, dorsolateral prostate, ventral prostate, seminal vesicles and coagulating gland, levator ani, adrenals, and liver // GENERAL/Also reported, histological findings in offspring also reported without stats.//
47	25		25	50	50		50	mg/kg bdwt	3							100	Lab	GV	NO	68642	McIntyre BS;Barlow NJ;Wallace DG;Maness SC;Gaido KW;Foster PMD;	Effects of In Utero Exposure to Linuron on Androgen-Dependent Reproductive Development in the Male Crl:CD(SD)BR Rat	Toxicol Appl Pharmacol 167(2): 87-99	2000	ORG/pregnant GD 12// EXPDUR/GD 12 to PND 13// GENERAL/Also reported, histological findings in offspring also reported without stats.//
48	50		50					mg/kg bdwt	3							100	Lab	GV	NO	68643	McIntyre BS;Barlow NJ;Wallace DG;Maness SC;Gaido KW;Foster PMD;	Effects of In Utero Exposure to Linuron on Androgen-Dependent Reproductive Development in the Male Crl:CD(SD)BR Rat	Toxicol Appl Pharmacol 167(2): 87-99	2000	ORG/pregnant GD 12// EXPDUR/GD 12 to PND 100. Additional durations reported.// EE/Live male pup weight. Also reported, body weights during regnancy of dams.// GENERAL/Also reported, histological findings in offspring also reported without stats.//

	CAS Number	Chemical Name	Species Number	Phylum	Class	Order	Family	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Habitat	Plant/Animal	Media	Dur Orig	Dur Unit Orig	Dur Preferred	Dur Unit Preferred	Conc Type	Conc Value1 Orig	Conc Units Orig
49	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL	LOAEL	terrestrial	Animal	NONE	80	d	80	d	A	20	mg/kg/d
50	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	DVP	SXDP	NOAEL	LOAEL	terrestrial	Animal	NONE	80	d	80	d	A	20	mg/kg/d
51	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	ABNM	LOAEL		terrestrial	Animal	NONE	6	mo	180	d	A	100	mg/kg/d
52	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	DVP	SXDP	LOAEL		terrestrial	Animal	NONE	2	d	2	d	A	100	mg/kg/d
53	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	LOAEL		terrestrial	Animal	NONE	6	mo	180	d	A	100	mg/kg/d
54	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	LGTH	LOAEL		terrestrial	Animal	NONE	8	d	8	d	F	50	mg/kg/d
55	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	LOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d
56	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	AREA	NOAEL	LOAEL	terrestrial	Animal	NONE	10	wk	70	d	F	10	mg/kg bdwt
57	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL		terrestrial	Animal	NONE	10	wk	70	d	F	40	mg/kg bdwt
58	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	DVP	SXDP	LOAEL		terrestrial	Animal	NONE	22	d	22	d	F	50	mg/kg/d
59	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		terrestrial	Animal	NONE	65	d	65	d	F	50	mg/kg/d
60	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	ABNM	LOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d
61	330552	Linuron	5229	Chordata	Aves	Galliformes	Phasianidae	Gallus	sp.	Chicken	GRO	DVP	NORM	NOAEL		terrestrial	Animal	NONE		int	NR	fst	F	30	%
62	330552	Linuron	5229	Chordata	Aves	Galliformes	Phasianidae	Gallus	sp.	Chicken	GRO	DVP	NORM	NOAEL		terrestrial	Animal	NONE		int	NR	fst	F	30	%
63	330552	Linuron	5229	Chordata	Aves	Galliformes	Phasianidae	Gallus	sp.	Chicken	GRO	DVP	NORM	LOAEL	NOAEL	terrestrial	Animal	NONE		int	NR	fst	F	30	%
64	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		terrestrial	Animal	NONE	22	d	22	d	A	100	mg/kg
65	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		terrestrial	Animal	NONE	22	d	22	d	F	200	mg/kg
66	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		terrestrial	Animal	NONE	22	d	22	d	F	200	mg/kg
67	330552	Linuron	5229	Chordata	Aves	Galliformes	Phasianidae	Gallus	sp.	Chicken	GRO	MPH	ABNM	NOAEL		terrestrial	Animal	NONE	NA	int	NA	fst	F	30	%
68	330552	Linuron	5229	Chordata	Aves	Galliformes	Phasianidae	Gallus	sp.	Chicken	GRO	MPH	ABNM	NOAEL		terrestrial	Animal	NONE		int	NR	fst	F	30	%
69	330552	Linuron	5229	Chordata	Aves	Galliformes	Phasianidae	Gallus	sp.	Chicken	GRO	MPH	ABNM	NOAEL		terrestrial	Animal	NONE		int	NR	fst	F	30	%
70	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	DVP	ABNM	NOAEL		terrestrial	Animal	NONE	22	d	22	d	A	100	mg/kg
71	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	ABNM	NOAEL		terrestrial	Animal	NONE	22	d	22	d	A	100	mg/kg
72	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	DVP	ABNM	NOAEL	LOAEL	terrestrial	Animal	NONE	22	d	22	d	F	100	mg/kg
73	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	ABNM	NOAEL	LOAEL	terrestrial	Animal	NONE	22	d	22	d	A	100	mg/kg
74	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	DVP	ABNM	NOAEL		terrestrial	Animal	NONE	22	d	22	d	F	200	mg/kg
75	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	ABNM	NOAEL		terrestrial	Animal	NONE	22	d	22	d	F	200	mg/kg
76	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		terrestrial	Animal	NONE	4	d	4	d	F	67	mg/100g bw
77	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	LOAEL	NOAEL	terrestrial	Animal	NONE	10	d	10	d	F	30	mg/kg bdwt/d
78	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	LOAEL		terrestrial	Animal	NONE	14	d	14	d	F	200	mg/kg
79	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	LOAEL		terrestrial	Animal	NONE	14	d	14	d	F	200	mg/kg
80	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	LOAEL		terrestrial	Animal	NONE	14	d	14	d	F	200	mg/kg
81	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	LOAEL		terrestrial	Animal	NONE	14	d	14	d	F	200	mg/kg
82	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	LOAEL	NOAEL	terrestrial	Animal	NONE	124	d	124	d	F	100	ppm
83	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	LOAEL	NOAEL	terrestrial	Animal	NONE	203	d	203	d	F	100	ppm
84	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	LOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d
85	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	NOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d
86	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	LOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d
87	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d
88	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	DVP	DFRM	LOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d
89	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	LOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d
90	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	DVP	DFRM	LOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d
91	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d
92	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	DVP	DFRM	LOAEL		terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg/d

	Conc Value1 Purity Adjusted	Conc Value1 Operator	Conc Value1 Preferred	Conc Value2 Orig	Conc Value2 Purity Adjusted	Conc Value2 Operator	Conc Value2 Preferred	Conc Units Preferred	Number of Conc	pH	Hardness	Hardness Unit	Organic Matter Value	Organic Matter Unit	Organic Matter Type	% Purity	Test Loc	Exp Type	Test ID	Ref #	Author	Title	Source	Publication Year	Comments
49	20		20	40	40		40	mg/kg bdwt	3							100	Lab	GV	NO	69254	Gray LE Jr.;Wolf C;Lambright C;Mann P;Price M;Cooper RL;Ostby J;	Administration of Potentially Antiandrogenic Pesticides (Procymidone, Linuron, Iprodione, Chlozolinate, p,p'-DDE, and Ketoconazole) and Toxic Substances (Dibutyl- and Diethylhexyl Phthalate, PCB 169, and Ethane Dimethane Sulphonate) During Sexual Differen	Toxicol Ind Health15(): 94-118	1999	ORG/Long Evans hooded. Weaning stage,// EEI/Additional response sites include cauda epididymal, liver and adrenals.// CHAR/Ist number 225// GENERAL/Table reports overall comparison of potential effects. Also reported cumulative numbers of pups produced over 12 breeding cycles.//
50	20		20	40	40		40	mg/kg bdwt	3							100	Lab	GV	NO	69254	Gray LE Jr.;Wolf C;Lambright C;Mann P;Price M;Cooper RL;Ostby J;	Administration of Potentially Antiandrogenic Pesticides (Procymidone, Linuron, Iprodione, Chlozolinate, p,p'-DDE, and Ketoconazole) and Toxic Substances (Dibutyl- and Diethylhexyl Phthalate, PCB 169, and Ethane Dimethane Sulphonate) During Sexual Differen	Toxicol Ind Health15(): 94-118	1999	ORG/Long Evans hooded. Weaning stage,// EEI/Age at puberty// CHAR/Ist number 225// GENERAL/Table reports overall comparison of potential effects. Also reported, cumulative numbers of pups produced over 12 breeding cycles.//
51	100		100					mg/kg bdwt	1							100	Lab	GV	NO	69254	Gray LE Jr.;Wolf C;Lambright C;Mann P;Price M;Cooper RL;Ostby J;	Administration of Potentially Antiandrogenic Pesticides (Procymidone, Linuron, Iprodione, Chlozolinate, p,p'-DDE, and Ketoconazole) and Toxic Substances (Dibutyl- and Diethylhexyl Phthalate, PCB 169, and Ethane Dimethane Sulphonate) During Sexual Differen	Toxicol Ind Health15(): 94-118	1999	ORG/Long Evans hooded. Weaning stage,// EXPDUR/9 month duration also reported.// EEI/Also reported, percentage of areolas, hypospadias, vaginal pouch, ventral prostate agenesis, testicular and epididymal atrophy or agenesis, and number of retained nipples. 9 month data for response sites that include seminal vesicle, ventral prostate, epididymides, cauda epididymis, testes, glans penis, number of nipples and levator ani-bulbocavernosus.// CHAR/Ist number 225// GENERAL/Table reports overall comparison of potential effects. Also reported, cumulative numbers of pups produced over 12 breeding cycles.//
52	100		100					mg/kg bdwt	1							100	Lab	GV	NO	69254	Gray LE Jr.;Wolf C;Lambright C;Mann P;Price M;Cooper RL;Ostby J;	Administration of Potentially Antiandrogenic Pesticides (Procymidone, Linuron, Iprodione, Chlozolinate, p,p'-DDE, and Ketoconazole) and Toxic Substances (Dibutyl- and Diethylhexyl Phthalate, PCB 169, and Ethane Dimethane Sulphonate) During Sexual Differen	Toxicol Ind Health15(): 94-118	1999	ORG/Long Evans hooded. Weaning stage,// EXPDUR/9 month duration also reported.// CHAR/Ist number 225// GENERAL/Table reports overall comparison of potential effects. Also reported, cumulative numbers of pups produced over 12 breeding cycles.//
53	100		100					mg/kg bdwt	1							100	Lab	GV	NO	69254	Gray LE Jr.;Wolf C;Lambright C;Mann P;Price M;Cooper RL;Ostby J;	Administration of Potentially Antiandrogenic Pesticides (Procymidone, Linuron, Iprodione, Chlozolinate, p,p'-DDE, and Ketoconazole) and Toxic Substances (Dibutyl- and Diethylhexyl Phthalate, PCB 169, and Ethane Dimethane Sulphonate) During Sexual Differen	Toxicol Ind Health15(): 94-118	1999	ORG/Long Evans hooded. Weaning stage,// EXPDUR/9 month duration also reported.// CHAR/Ist number 225// GENERAL/Table reports overall comparison of potential effects. Also reported, cumulative numbers of pups produced over 12 breeding cycles.//
54	50		50					mg/kg bdwt	1							100	Lab	GV	NO	72467	McIntyre BS;Barlow NJ;Sar M;Wallace DG;Foster PMD;	Effects of In Utero Linuron Exposure on Rat Wolffian Duct Development	Reprod Toxicol 16(2): 131-139	2002	ORG/CRL: CD(SD)BR strain// EXPDUR/Dams exposed gestational days 12 to 21, measurements on male fetuses, data also reported 6 and 10 dl// EEI/male fetus anogenital distance decreased//
55	50		50					mg/kg bdwt	1							100	Lab	GV	NO	72467	McIntyre BS;Barlow NJ;Sar M;Wallace DG;Foster PMD;	Effects of In Utero Linuron Exposure on Rat Wolffian Duct Development	Reprod Toxicol 16(2): 131-139	2002	ORG/CRL: CD(SD)BR strain// EXPDUR/Dams exposed gestational days 12 to 21, measurements on male fetuses, data also reported 6 and 8 dl/ EEI/fetal male weight, total litter weight also reported//
56	9.51		9.51	20	19.02		19.02	mg/kg bdwt	3							95.1	Lab	GV	NO	79995	Andrews JE;Gray LE;	The Effects of Lindane and Linuron on Calcium Metabolism, Bone Morphometry and the Kidney in Rats	Toxicology60(1/2): 99-107	1990	ORG/Final BW: Long Evans hooded from Charles River Breeding Lab// EEI/Also reported, body weights, areas for femur cross sectional, cortical and % medullary.// CHAR/Ist number DPX-2326// GENERAL/Renal histology also reported without stats.//
57	38.04		38.04					mg/kg bdwt	3							95.1	Lab	GV	NO	79995	Andrews JE;Gray LE;	The Effects of Lindane and Linuron on Calcium Metabolism, Bone Morphometry and the Kidney in Rats	Toxicology60(1/2): 99-107	1990	ORG/Final BW: Long Evans hooded from Charles River Breeding Lab// EEI/% of kidney weight in relation to body weight also reported. Also reported, femur weight, density, length, and strength.// CHAR/Ist number DPX-2326// GENERAL/Renal histology also reported without stats.//
58	50		50					mg/kg bdwt	1							100	Lab	GV	NO	68446	McIntyre BS;Barlow NJ;Foster PMD;	Male Rats Exposed to Linuron In Utero Exhibit Permanent Changes in Anogenital Distance, Nipple Retention, and Epididymal Malformations that Result in Subsequent Testicular Atrophy	65(1): 62-70	2002	ORG/Pregnant GD12// EXPDUR/GD 12 to PND 13. 65 day duration also reported.// EEI/Retention of areolae and nipples.//
59	50		50					mg/kg bdwt	1							100	Lab	GV	NO	68446	McIntyre BS;Barlow NJ;Foster PMD;	Male Rats Exposed to Linuron In Utero Exhibit Permanent Changes in Anogenital Distance, Nipple Retention, and Epididymal Malformations that Result in Subsequent Testicular Atrophy	65(1): 62-70	2002	ORG/Pregnant GD12// EXPDUR/GD 12 to PND 56. 44 day duration also reported.//
60	50		50					mg/kg bdwt	1							100	Lab	GV	NO	68446	McIntyre BS;Barlow NJ;Foster PMD;	Male Rats Exposed to Linuron In Utero Exhibit Permanent Changes in Anogenital Distance, Nipple Retention, and Epididymal Malformations that Result in Subsequent Testicular Atrophy	65(1): 62-70	2002	ORG/Pregnant GD12// EXPDUR/GD 12 to PND 1. Additional duration reported.// EEI/Additional response sites include testis, epididymis and vasa deferentia.//
61	30		30					%	4							100	Lab	MM	NO	71392	Indyk F;	The Effect of Herbicides on the Effectivity of Hen Hatching	Zool Pol 36(1-4): 33-61	1993	ORG/Leghorn x New Hapshire// EE/Number normal hatched, no clear dose response, sig neg at lowest dose, sig pos at next lowest dose, no sig two highest dose// EDES/30 second immersion prior to incubation//
62	30		30					%	4							100	Lab	MM	NO	71392	Indyk F;	The Effect of Herbicides on the Effectivity of Hen Hatching	Zool Pol 36(1-4): 33-61	1993	ORG/Leghorn x New Hapshire// EE/Number normal hatched// EDES/30 second immersion 4th day of incubation//
63	30		30	20	20		20	%	4							100	Lab	MM	NO	71392	Indyk F;	The Effect of Herbicides on the Effectivity of Hen Hatching	Zool Pol 36(1-4): 33-61	1993	ORG/Leghorn x New Hapshire// EE/Number normal hatched, no clear dose response sig pos at second highest dose and sig neg at lowest dose// EDES/30 second immersion 19th day of incubation//
64	100		100					mg/kg	4							95.1	Lab	IG	NO	88908	Khera KS;Whalen C;Trivett G;	Teratogenicity Studies on Linuron, Malathion, and Methoxychlor in Rats	Toxicol Appl Pharmacol 45(2): 435-444	1978	ORG/Wistar 175 to 200g.// EXPDUR/GD 1 to GD 22. Additional durations reported.// EE/Maternal weight during gestation. Weight after cesarean section also graphed.// EDES/Teratologic effects from gestation exposure.// GENERAL/Also reported, number of dams pregnant at necropsy, number of corpora lutea per pregnancy, number of live fetuses per pregnancy, % dead or resorbed fetuses and fetal weight without stats.//
65	200		200					mg/kg	3							100	Lab	IG	NO	88908	Khera KS;Whalen C;Trivett G;	Teratogenicity Studies on Linuron, Malathion, and Methoxychlor in Rats	Toxicol Appl Pharmacol 45(2): 435-444	1978	ORG/Wistar 175 to 200g.// EXPDUR/GD 1 to GD 22. Additional durations reported.// EE/Maternal weight during gestation. Weight after cesarean section also graphed.// EDES/Teratologic effects from gestation exposure.// CHAR/Obtained from El DuPont Nemours Inc, Wilmington, Delaware.// GENERAL/Also reported, number of dams pregnant at necropsy, number of corpora lutea per pregnancy, number of live fetuses per pregnancy, % dead or resorbed fetuses and fetal weight without stats.//
66	200		200					mg/kg	4							100	Lab	IG	NO	88908	Khera KS;Whalen C;Trivett G;	Teratogenicity Studies on Linuron, Malathion, and Methoxychlor in Rats	Toxicol Appl Pharmacol 45(2): 435-444	1978	ORG/Wistar 175 to 200g.// EXPDUR/GD 1 to GD 22. Additional durations reported.// EE/Maternal weight during gestation. Weight after cesarean section also graphed.// EDES/Teratologic effects from gestation exposure.// CHAR/Obtained from Hoechst, Frankfurt/Main 80(02810 OH).// GENERAL/Also reported, number of dams pregnant at necropsy, number of corpora lutea per pregnancy, number of live fetuses per pregnancy, % dead or resorbed fetuses and fetal weight without stats.//
67	30		30					%	4							100	Lab	MM	NO	71392	Indyk F;	The Effect of Herbicides on the Effectivity of Hen Hatching	Zool Pol 36(1-4): 33-61	1993	ORG/Leghorn x New Hapshire// EE/Number abnormal hatched, no clear dose response, sig inc at lowest dose// EDES/30 second immersion prior to incubation//
68	30		30					%	4							100	Lab	MM	NO	71392	Indyk F;	The Effect of Herbicides on the Effectivity of Hen Hatching	Zool Pol 36(1-4): 33-61	1993	ORG/Leghorn x New Hapshire// EE/Number abnormal hatched, no clear dose response, sig increase lowest dose// EDES/30 second immersion 4th day of incubation//
69	30		30					%	4							100	Lab	MM	NO	71392	Indyk F;	The Effect of Herbicides on the Effectivity of Hen Hatching	Zool Pol 36(1-4): 33-61	1993	ORG/Leghorn x New Hapshire// EE/Number abnormal hatched, no clear dose response none hatched highest dose and sig inc abnormal at lowest dose// EDES/30 second immersion 19th day of incubation//
70	100		100					mg/kg	4							95.1	Lab	IG	NO	88908	Khera KS;Whalen C;Trivett G;	Teratogenicity Studies on Linuron, Malathion, and Methoxychlor in Rats	Toxicol Appl Pharmacol 45(2): 435-444	1978	ORG/Wistar 175 to 200g.// EXPDUR/GD 1 to GD 22. Additional durations reported.// EE/Maternal weight during gestation. Weight after cesarean section also graphed.// EDES/Teratologic effects from gestation exposure.// GENERAL/Also reported, number of dams pregnant at necropsy, number of corpora lutea per pregnancy, number of live fetuses per pregnancy, % dead or resorbed fetuses and fetal weight without stats. Runted fetuses also reported.//
71	100		100					mg/kg	4							95.1	Lab	IG	NO	88908	Khera KS;Whalen C;Trivett G;	Teratogenicity Studies on Linuron, Malathion, and Methoxychlor in Rats	Toxicol Appl Pharmacol 45(2): 435-444	1978	ORG/Wistar 175 to 200g.// EXPDUR/GD 1 to GD 22. Additional durations reported.// EE/Additional response sites include sternebrae, calvarium, scapula pubis. // EDES/Teratologic effects from gestation exposure.// GENERAL/Also reported, number of dams pregnant at necropsy, number of corpora lutea per pregnancy, number of live fetuses per pregnancy, % dead or resorbed fetuses and fetal weight without stats.//
72	100		100	200	200		200	mg/kg	3							100	Lab	IG	NO	88908	Khera KS;Whalen C;Trivett G;	Teratogenicity Studies on Linuron, Malathion, and Methoxychlor in Rats	Toxicol Appl Pharmacol 45(2): 435-444	1978	ORG/Wistar 175 to 200g.// EXPDUR/GD 1 to GD 22. Additional durations reported.// EE/Maternal weight during gestation. Weight after cesarean section also graphed.// EDES/Teratologic effects from gestation exposure.// CHAR/Obtained from El DuPont Nemours Inc, Wilmington, Delaware.// GENERAL/Also reported, number of dams pregnant at necropsy, number of corpora lutea per pregnancy, number of live fetuses per pregnancy, % dead or resorbed fetuses and fetal weight without stats. Runted fetuses also reported.//
73	100		100	200	200		200	mg/kg	3							100	Lab	IG	NO	88908	Khera KS;Whalen C;Trivett G;	Teratogenicity Studies on Linuron, Malathion, and Methoxychlor in Rats	Toxicol Appl Pharmacol 45(2): 435-444	1978	ORG/Wistar 175 to 200g.// EXPDUR/GD 1 to GD 22. Additional durations reported.// EE/Additional response sites include sternebrae, calvarium, scapula pubis. // EDES/Teratologic effects from gestation exposure.// CHAR/Obtained from El DuPont Nemours Inc, Wilmington, Delaware.// GENERAL/Also reported, number of dams pregnant at necropsy, number of corpora lutea per pregnancy, number of live fetuses per pregnancy, % dead or resorbed fetuses and fetal weight without stats.//
74	200		200					mg/kg	4							100	Lab	IG	NO	88908	Khera KS;Whalen C;Trivett G;	Teratogenicity Studies on Linuron, Malathion, and Methoxychlor in Rats	Toxicol Appl Pharmacol 45(2): 435-444	1978	ORG/Wistar 175 to 200g.// EXPDUR/GD 1 to GD 22. Additional durations reported.// EE/Maternal weight during gestation. Weight after cesarean section also graphed.// EDES/Teratologic effects from gestation exposure.// CHAR/Obtained from Hoechst, Frankfurt/Main 80(02810 OH).// GENERAL/Also reported, number of dams pregnant at necropsy, number of corpora lutea per pregnancy, number of live fetuses per pregnancy, % dead or resorbed fetuses and fetal weight without stats. Runted fetuses also reported.//
75	200		200					mg/kg	4							100	Lab	IG	NO	88908	Khera KS;Whalen C;Trivett G;	Teratogenicity Studies on Linuron, Malathion, and Methoxychlor in Rats	Toxicol Appl Pharmacol 45(2): 435-444	1978	ORG/Wistar 175 to 200g.// EXPDUR/GD 1 to GD 22. Additional durations reported.// EE/Additional response sites include sternebrae, calvarium, scapula pubis. // EDES/Teratologic effects from gestation exposure.// CHAR/Obtained from Hoechst, Frankfurt/Main 80(02810 OH).// GENERAL/Also reported, number of dams pregnant at necropsy, number of corpora lutea per pregnancy, number of live fetuses per pregnancy, % dead or resorbed fetuses and fetal weight without stats.//
76	62.31		623.1					mg/kg bdwt	1							93	Lab	GV	NO	95111	Schokat B;Vincze I;	Induction of Rat Hepatic Drug Metabolizing Enzymes by Substituted Urea Herbicides	Acta Pharmacol Toxicol 56(4): 283-288	1985	ORG/Wistar. Initial BW 169 to 200g// EXPDUR/Treatment for 3 days plus 24 hours until termination.// CHAR/Suspended in 4% aqueous solution//
77	30		30	10	10		10	mg/kg bdwt	4							100	Lab	GV	NO	93804	Owens W;Gray LE;Zeiger E;Walker M;Yamasaki K;Ashby J;Jacob E;	The OECD Program to Validate the Rat Hershberger Bioassay to Screen Compounds for In Vivo Androgen and Antiandrogen Responses: Phase 2 Dose-Response Studies	Environ Health Perspect 115(5): 671-678	2007	ORG/Wistar, CrlCaliBR/han.WI strain// EE/seminal vesicles and coagulating gland wt, also reported body wt, ventral prostate, levator ani and bulbocavernosus muscles, glans penis, and cowpers glands wts all sig at high dose// EDES/Castrated at 44 to 46 Post Natal Day, testosterone propionate 0.4 mg per kg bw per d administered to all doses and control// GENERAL/BMD (benchmark dose) reported//
78	194		194					mg/kg bdwt	1							97	Lab	GV	NO	95686	Cook JC;Mullin LS;Frame SR;Biegal LB;	Investigation of a Mechanism for Leydig Cell Tumorigenesis by Linuron in Rats	Toxicol Appl Pharmacol 119(2): 195-204	1993	ORG/CD strain// EE/final body weight decreased, also reported weight gain sig dec// EDES/one control fed ad libitum and second control pair-fed (received same amount food consumed by dosed rats)// GENERAL/CONTRV.pair-fed///
79	194		194					mg/kg bdwt	1							97	Lab	GV	NO	95686	Cook JC;Mullin LS;Frame SR;Biegal LB;	Investigation of a Mechanism for Leydig Cell Tumorigenesis by Linuron in Rats	Toxicol Appl Pharmacol 119(2): 195-204	1993	ORG/CD strain// EE/prostate wt as % of body wt decreased against both controls, also reported testes, epididymides, accessary sex organ unit, seminal vesicles, and coagulating gland wt %// EDES/one control fed ad libitum and second control pair-fed (received same amount food consumed by dosed rats)// CHAR/vehicle methocel// GENERAL/CONTRV.pair-fed///
80	194		194					mg/kg bdwt	1							97	Lab	GV	NO	95686	Cook JC;Mullin LS;Frame SR;Biegal LB;	Investigation of a Mechanism for Leydig Cell Tumorigenesis by Linuron in Rats	Toxicol Appl Pharmacol 119(2): 195-204	1993	ORG/CD strain// EE/final body weight decreased sig against both controls, also reported weight gain sig dec// EDES/one control fed ad libitum and second control pair-fed (received same amount food consumed by dosed rats)// CHAR/vehicle methocel// GENERAL/CONTRV.pair-fed///
81	194		194					mg/kg bdwt	1							97	Lab	GV	NO	95686	Cook JC;Mullin LS;Frame SR;Biegal LB;	Investigation of a Mechanism for Leydig Cell Tumorigenesis by Linuron in Rats	Toxicol Appl Pharmacol 119(2): 195-204	1993	ORG/CD strain// EE/prostate wt as % of body wt decreased against both controls, also reported testes, epididymides, accessary sex organ unit, seminal vesicles, and coagulating gland wt %// EDES/one control fed ad libitum and second control pair-fed (received same amount food consumed by dosed rats)// CHAR/vehicle methocel// GENERAL/CONTRV.pair-fed///
82	97		97	12.5	12.125		12.125	ppm	3							97	Lab	FD	NO	95686	Cook JC;Mullin LS;Frame SR;Biegal LB;	Investigation of a Mechanism for Leydig Cell Tumorigenesis by Linuron in Rats	Toxicol Appl Pharmacol 119(2): 195-204	1993	ORG/CD strain// EXPDUR/122 to 124 dl/ EE/weight gain, final body wt also reported// CHAR/vehicle methocel// GENERAL/F1 generation to generational study//
83	97		97	12.5	12.125		12.125	ppm	3							97	Lab	FD	NO	95686	Cook JC;Mullin LS;Frame SR;Biegal LB;	Investigation of a Mechanism for Leydig Cell Tumorigenesis by Linuron in Rats	Toxicol Appl Pharmacol 119(2): 195-204	1993	ORG/CD strain// EXPDUR/189 to 203 dl/ EE/body weight gain dec, also reported final body wt sig// EDES/generational study, F1, P1 fed same diet from 60 d for 122 d, F1 males were fed diet for 147 to 161 days after weaning at 21st day// CHAR/vehicle methocel// GENERAL/F1 generation for generational study//
84	50		50					mg/kg bdwt	1							100	Lab	GV	NO	95473	Turner KJ;McIntyre BS;Phillips SL;Barlow NJ;Bowman CJ;Foster PMD;	Altered Gene Expression During Rat Wolffian Duct Development in Response to In Utero Exposure to the Antiandrogen Linuron	74(1): 114-128	2003	ORG/Crl:CD(SD)BR strain, obtained on GD 0// EXPDUR/gestational day 12 to GD 21// EDES/Author tests growth of pregnant dams, block 1//
85	50		50					mg/kg bdwt	1							100	Lab	GV	NO	95473	Turner KJ;McIntyre BS;Phillips SL;Barlow NJ;Bowman CJ;Foster PMD;	Altered Gene Expression During Rat Wolffian Duct Development in Response to In Utero Exposure to the Antiandrogen Linuron	74(1): 114-128	2003	ORG/Crl:CD(SD)BR strain, obtained on GD 0// EXPDUR/gestational day 12 to GD 21// EDES/Author tests growth of pregnant dams, block 2//
86	50		50					mg/kg bdwt	1							100	Lab	GV	NO	95473	Turner KJ;McIntyre BS;Phillips SL;Barlow NJ;Bowman CJ;Foster PMD;	Altered Gene Expression During Rat Wolffian Duct Development in Response to In Utero Exposure to the Antiandrogen Linuron	74(1): 114-128	2003	ORG/Crl:CD(SD)BR strain, obtained on GD 0// EXPDUR/gestational day 12 to GD 21// EDES/Author tests growth of pregnant dams, block 3//
87	50		50					ppm	1							100	Lab	GE	NO	95473	Turner KJ;McIntyre BS;Phillips SL;Barlow NJ;Bowman CJ;Foster PMD;	Altered Gene Expression During Rat Wolffian Duct Development in Response to In Utero Exposure to the Antiandrogen Linuron	74(1): 114-128	2003	ORG/Crl:CD(SD)BR strain, obtained on GD 0// EXPDUR/gestational day 12 to GD 21// EEF1, males// EDES/Author tests growth, development, cellular and histological effects on male fetuses, block 1//
88	50		50					ppm	1							100	Lab	GE	NO	95473	Turner KJ;McIntyre BS;Phillips SL;Barlow NJ;Bowman CJ;Foster PMD;	Altered Gene Expression During Rat Wolffian Duct Development in Response to In Utero Exposure to the Antiandrogen Linuron	74(1): 114-128	2003	ORG/Crl:CD(SD)BR strain, obtained on GD 0// EXPDUR/gestational day 12 to GD 21// EEF1, males malformed// EDES/Author tests growth, development, cellular and histological effects on male fetuses, block 1// GENERAL/OEF/DVLP also reported//
89	50		50					ppm	1							100	Lab	GE	NO	95473	Turner KJ;McIntyre BS;Phillips SL;Barlow NJ;Bowman CJ;Foster PMD;	Altered Gene Expression During Rat Wolffian Duct Development in Response to In Utero Exposure to the Antiandrogen Linuron	74(1): 114-128	2003	ORG/Crl:CD(SD)BR strain, obtained on GD 0// EXPDUR/gestational day 12 to GD 21// EEF1 males// EDES/Author tests growth, development, cellular and histological effects on male fetuses, block 2// GENERAL/OEF/DVLP also reported//
90	50		50					ppm	1							100	Lab	GE	NO	95473	Turner KJ;McIntyre BS;Phillips SL;Barlow NJ;Bowman CJ;Foster PMD;	Altered Gene Expression During Rat Wolffian Duct Development in Response to In Utero Exposure to the Antiandrogen Linuron	74(1): 114-128	2003	ORG/Crl:CD(SD)BR strain, obtained on GD 0// EXPDUR/gestational day 12 to GD 21// EEF1 males// EDES/Author tests growth, development, cellular and histological effects on male fetuses, block 2// GENERAL/OEF/DVLP also reported//
91	50		50					ppm	1							100	Lab	GE	NO	95473	Turner KJ;McIntyre BS;Phillips SL;Barlow NJ;Bowman CJ;Foster PMD;	Altered Gene Expression During Rat Wolffian Duct Development in Response to In Utero Exposure to the Antiandrogen Linuron	74(1): 114-128	2003	ORG/Crl:CD(SD)BR strain, obtained on GD 0// EXPDUR/gestational day 12 to GD 21, sampled PND 7// EEF1 males// EDES/Author tests growth, development, cellular and histological effects on male pups, block 3//
92	50		50					ppm	1							100	Lab	GE	NO	95473	Turner KJ;McIntyre BS;Phillips SL;Barlow NJ;Bowman CJ;Foster PMD;	Altered Gene Expression During Rat Wolffian Duct Development in Response to In Utero Exposure to the Antiandrogen Linuron	74(1): 114-128	2003	ORG/Crl:CD(SD)BR strain, obtained on GD 0// EXPDUR/gestational day 12 to GD 21, sampled PND 7// EEF1 males// EDES/Author tests growth, development, cellular and histological effects on male pups, block 3//

	CAS Number	Chemical Name	Species Number	Phylum	Class	Order	Family	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Habitat	Plant/Animal	Media	Dur Orig	Dur Unit Orig	Dur Preferred	Dur Unit Preferred	Conc Type	Conc Value1 Orig	Conc Units Orig
93	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	LOAEL	NOAEL	terrestrial	Animal	NONE	10	d	10	d	F	50	mg/kg
94	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	LOAEL		terrestrial	Animal	NONE	7	d	7	d	A	100	mg/kg bdwt/d
95	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	LOAEL		terrestrial	Animal	NONE	7	d	7	d	A	100	mg/kg bdwt/d
96	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	LOAEL		terrestrial	Animal	NONE	7	d	7	d	A	100	mg/kg bdwt/d
97	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	GAIN	LOAEL		terrestrial	Animal	NONE	7	d	7	d	A	100	mg/kg bdwt/d
98	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		terrestrial	Animal	NONE	4	d	4	d	A	100	mg/kg bdwt/d
99	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL		terrestrial	Animal	NONE	4	d	4	d	A	100	mg/kg bdwt/d
100	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		terrestrial	Animal	NONE	10	d	10	d	F	100	mg/kg/d
101	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	NOAEL	LOAEL	terrestrial	Animal	NONE	10	d	10	d	F	10	mg/kg/d
102	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL	LOAEL	terrestrial	Animal	NONE	14	d	14	d	F	300	mg/kg bdwt
103	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	NOAEL	LOAEL	terrestrial	Animal	NONE	14	d	14	d	F	300	mg/kg bdwt
104	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL	LOAEL	terrestrial	Animal	NONE	14	d	14	d	A	315.8	Al mg/kg bdwt
105	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	SMIX	LOAEL		terrestrial	Animal	NONE	14	d	14	d	A	315.8	Al mg/kg bdwt
106	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	LOAEL	NOAEL	terrestrial	Animal	NONE	10	d	10	d	F	100	mg/kg bdwt/d
107	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	LOAEL	NOAEL	terrestrial	Animal	NONE	10	d	10	d	F	100	mg/kg bdwt/d
108	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	LOAEL	NOAEL	terrestrial	Animal	NONE	10	d	10	d	F	30	mg/kg bdwt/d
109	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	LOAEL	NOAEL	terrestrial	Animal	NONE	10	d	10	d	F	30	mg/kg bdwt/d
110	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		terrestrial	Animal	NONE	10	d	10	d	F	100	mg/kg bdwt/d
111	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	MPH	WGHT	LOAEL	NOAEL	terrestrial	Animal	NONE	10	d	10	d	F	100	mg/kg bdwt/d
112	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	GRO	GRO	WGHT	NOAEL		terrestrial	Animal	NONE	10	d	10	d	F	100	mg/kg bdwt/d
113	330552	Linuron	3820	Magnoliophyta	Magnoliopsida	Capparales	Brassicaceae	Raphanus	sativus	Radish	GRO	GRO	BMAS	NOEC	LOEC	terrestrial	Plant	ART	~4	wk	~28	d	A	0.01	Al mg/kg soil
114	330552	Linuron	3501	Magnoliophyta	Liliopsida	Cyperales	Poaceae	Hordeum	vulgare	Barley	GRO	GRO	BMAS	NOEC	LOEC	terrestrial	Plant	ART	~4	wk	~28	d	A	0.01	Al mg/kg soil
115	330552	Linuron	3477	Magnoliophyta	Magnoliopsida	Fabales	Fabaceae	Glycine	max	Soybean	GRO	GRO	BMAS	NOEC	LOEC	terrestrial	Plant	ART	~4	wk	~28	d	A	1	Al mg/kg soil
116	330552	Linuron	1087	Magnoliophyta	Magnoliopsida	Haloragales	Haloragaceae	Myriophyllum	spicatum	Eurasian watermilfoil	GRO	GRO	BMAS	IC50		Aquatic	Plant	SW	4	wk	28	d	A	137	ug/L
117	330552	Linuron	1282	Magnoliophyta	Liliopsida	Najadales	Potamogetonaceae	Potamogeton	perfoliatus	Pondweed	GRO	GRO	BMAS	IC50		Aquatic	Plant	SW	4	wk	28	d	A	25	ug/L
118	330552	Linuron	507	Magnoliophyta	Liliopsida	Arales	Lemnaceae	Lemna	minor	Duckweed	GRO	GRO	AREA	NOAEL	LOAEL	aquatic	Plant	FW	1	wk	7	d	F	40	nM
119	330552	Linuron	1087	Magnoliophyta	Magnoliopsida	Haloragales	Haloragaceae	Myriophyllum	spicatum	Eurasian watermilfoil	GRO	GRO	WGHT	NOEC	LOEC	aquatic	Plant	FW	4	wk	28	d	A	15	ug/L
120	330552	Linuron	3478	Magnoliophyta	Magnoliopsida	Malvales	Malvaceae	Gossypium	barbadense	American-Egyptian cotton	GRO	DVP	EMRG	NOAEL		terrestrial	Plant	NAT	15	d	15	d	F	1.25	kg/fed
121	330552	Linuron	1087	Magnoliophyta	Magnoliopsida	Haloragales	Haloragaceae	Myriophyllum	spicatum	Eurasian watermilfoil	GRO	DVP	DVLP	NOAEL		aquatic	Plant	FW	5	d	5	d	F	100	mg/L
122	330552	Linuron	5	Arthropoda	Branchiopoda	Diplostraca	Daphniidae	Daphnia	magna	Water flea	MOR	MOR	SVVS	NOAEL		aquatic	Animal	FW	6	d	6	d	F	100	ug/L
123	330552	Linuron	1478	Chlorophyta	Chlorophyceae	Volvocales	Chlamydomonadaceae	Chlamydomonas	moewusii	Green algae	MOR	MOR	MORT	LDEC		Aquatic	Plant	FW	7	d	7	d	A	30	uM
124	330552	Linuron	1478	Chlorophyta	Chlorophyceae	Volvocales	Chlamydomonadaceae	Chlamydomonas	moewusii	Green algae	MOR	MOR	MORT	NOEC		Aquatic	Plant	FW	7	d	7	d	A	20	uM
125	330552	Linuron	2994	Chordata	Aves	Anseriformes	Anatidae	Anas	platyrhynchos	Mallard duck	MOR	MOR	MORT	LC50		Terrestrial	Animal	NR	8	d	8	d	NR	3083	ppm
126	330552	Linuron	4437	Chordata	Aves	Galliformes	Phasianidae	Phasianus	colchicus	Ring-necked pheasant	MOR	MOR	MORT	LC50		Terrestrial	Animal	NR	8	d	8	d	NR	3438	ppm
127	330552	Linuron	4435	Chordata	Aves	Galliformes	Phasianidae	Cotumix	japonica	Japanese quail	MOR	MOR	MORT	LC50		Terrestrial	Animal	NR	8	d	8	d	NR	5000	ppm
128	330552	Linuron	5229	Chordata	Aves	Galliformes	Phasianidae	Gallus	sp.	Chicken	MOR	MOR	SURV	NOAEL		terrestrial	Animal	NONE		ft	NR	ft	F	30	%
129	330552	Linuron	5229	Chordata	Aves	Galliformes	Phasianidae	Gallus	sp.	Chicken	MOR	MOR	SURV	NOAEL		terrestrial	Animal	NONE		ft	NR	ft	F	30	%
130	330552	Linuron	5229	Chordata	Aves	Galliformes	Phasianidae	Gallus	sp.	Chicken	MOR	MOR	SURV	LOAEL	NOAEL	terrestrial	Animal	NONE		ft	NR	ft	F	30	%
131	330552	Linuron	5229	Chordata	Aves	Galliformes	Phasianidae	Gallus	sp.	Chicken	MOR	MOR	MORT	NR-LETH		terrestrial	Animal	NONE		ft	NR	ft	F	30	%
132	330552	Linuron	4938	Chordata	Mammalia	Artiodactyla	Bovidae	Bos	taurus	Domesticated cattle	MOR	MOR	MORT	NR-ZERO		terrestrial	Animal	NONE	10	d	10	d	A	25	Al mg/kg
133	330552	Linuron	4938	Chordata	Mammalia	Artiodactyla	Bovidae	Bos	taurus	Domesticated cattle	MOR	MOR	MORT	NR-ZERO		terrestrial	Animal	NONE	10	d	10	d	A	50	Al mg/kg
134	330552	Linuron	5017	Chordata	Mammalia	Artiodactyla	Bovidae	Ovis	aries	Domestic Sheep	MOR	MOR	MORT	NR-ZERO		terrestrial	Animal	NONE	10	d	10	d	A	50	Al mg/kg
135	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	MOR	MOR	MORT	NR-ZERO		terrestrial	Animal	NONE	2	wk	14	d	F	200	mg/kg
136	330552	Linuron	4928	Chordata	Mammalia	Carnivora	Canidae	Canis	familiaris	Domestic dog	MOR	MOR	MORT	NR-ZERO		terrestrial	Animal	NONE	2	yr	730	d	F	625	mg/kg
137	330552	Linuron	4491	Chordata	Mammalia	Lagomorpha	Leporidae	Oryctolagus	cuniculus	European rabbit	MOR	MOR	MORT	NR-ZERO		terrestrial	Animal	NONE	21	d	21	d	F	25	mg/kg
138	330552	Linuron	4491	Chordata	Mammalia	Lagomorpha	Leporidae	Oryctolagus	cuniculus	European rabbit	MOR	MOR	SURV	NOAEL		terrestrial	Animal	NONE	21	d	21	d	F	125	mg/kg
139	330552	Linuron	10300	Ciliophora	Ciliatea	Heterotrichida	Spirostomidae	Spirostomum	ambiguum	Protozoa	MOR	MOR	MORT	LC50		aquatic	Animal	FW	24	h	1	d	F	44	mg/L
140	330552	Linuron	10300	Ciliophora	Ciliatea	Heterotrichida	Spirostomidae	Spirostomum	ambiguum	Protozoa	MOR	MOR	MORT	EC50		aquatic	Animal	FW	24	h	1	d	F	75.2	mg/L
141	330552	Linuron	2218	Magnoliophyta	Liliopsida	Najadales	Najadaceae	Najas	sp.	Water nymph	MOR	MOR	MORT	NR-LETH		aquatic	Plant	FW	52	wk	364	d	F	2	ppm
142	330552	Linuron	1982	Magnoliophyta	Liliopsida	Najadales	Potamogetonaceae	Potamogeton	sp.	Pondweed	MOR	MOR	MORT	NR-LETH		aquatic	Plant	FW	52	wk	364	d	F	2	ppm
143	330552	Linuron	4178	Magnoliophyta	Liliopsida	Cyperales	Poaceae	Cynodon	sp.	Bermudagrass	MOR	MOR	MORT	NR-LETH		aquatic	Plant	FW	52	wk	364	d	F	2	ppm
144	330552	Linuron	1467	Magnoliophyta	Liliopsida	Arales	Lemnaceae	Lemna	sp.	Duckweed	MOR	MOR	MORT	NR-LETH		aquatic	Plant	FW	52	wk	364	d	F	2	ppm
145	330552	Linuron	726	Magnoliophyta	Liliopsida	Liliales	Pontederiaceae	Eichhornia	sp.	Water hyacinth	MOR	MOR	MORT	NR-LETH		aquatic	Plant	FW	52	wk	364	d	F	2	ppm
146	330552	Linuron	1674	Magnoliophyta	Liliopsida	Juncales	Juncaceae	Juncus	sp.	Bog-rush	MOR	MOR	MORT	NR-LETH		aquatic	Plant	FW	52	wk	364	d	F	2	ppm
147	330552	Linuron	3541	Magnoliophyta	Magnoliopsida	Asterales	Asteraceae	Lactuca	sativa	Lettuce	MOR	MOR	MORT	NR-LETH		terrestrial	Plant	NAT	270	d	270	d	F	2	ug/g soil
148	330552	Linuron	17310	Mollusca	Gastropoda	Stylommatophora	Limacidae	Deroceras	panormitanum	Longnack Fieldslug	MOR	MOR	MORT	NOAEL		terrestrial	Animal	NONE	10	d	10	d	A	2	% AI
149	330552	Linuron	5760	Mollusca	Gastropoda	Stylommatophora	Limacidae	Deroceras	reticulatum	Grey field slug	MOR	MOR	MORT	NOAEL		terrestrial	Animal	NONE	10	d	10	d	A	2	% AI
150	330552	Linuron	5760	Mollusca	Gastropoda	Stylommatophora	Limacidae	Deroceras	reticulatum	Grey field slug	MOR	MOR	MORT	NOAEL		terrestrial	Animal	NONE	10	d	10	d	A	750	g/ha
151	330552	Linuron	17310	Mollusca	Gastropoda	Stylommatophora	Limacidae	Deroceras	panormitanum	Longnack Fieldslug	MOR	MOR	MORT	NOAEL		terrestrial	Animal	NONE	10	d	10	d	A	750	g/ha
152	330552	Linuron	1411	Polypodiophyta	Filicopsida	Hydropteridales	Salviniaceae	Salvinia	sp.	Floating moss	MOR	MOR	MORT	NR-LETH		aquatic	Plant	FW	52	wk	364	d	F	2	ppm
153	330552	Linuron	5	Arthropoda	Branchiopoda	Diplostraca	Daphniidae	Daphnia	magna	Water flea	PHY	ITX	IMBL	EC50		aquatic	Animal	FW	96	h	4	d	F	7	mg/L
154	330552	Linuron	1811	Charophyta	Charophyceae	Charales	Characeae	Chara	globularis	Stonewort	PHY	PHY	PSII	EC90		aquatic	Plant	FW	24	h	1	d	F	152(72 TO 321)	ug/L

	Conc Value1 Purity Adjusted	Conc Value1 Operator	Conc Value1 Preferred	Conc Value2 Orig	Conc Value2 Purity Adjusted	Conc Value2 Operator	Conc Value2 Preferred	Conc Units Preferred	Number of Conc	pH	Hardness	Hardness Unit	Organic Matter Value	Organic Matter Unit	Organic Matter Type	% Purity	Test Loc	Exp Type	Test ID	Ref #	Author	Title	Source	Publication Year	Comments
93	49.5		49.5	25	24.75		24.75	mg/kg bdwt	3							>99	Lab	GV	NO	95478	Kang IH;Kim HS;Shin JH;Kim TS;Moon HJ;Kim IY;Choi KS;Kil KS;Park YI;Dong MS;Han SY;	Comparison of Anti-Androgenic Activity of Flutamide, Vinclozolin, Procymidone, Linuron, and p, p'-DDE in Rodent 10-Day Hershberger Assay	Toxicology199(2/3): 145-159	2004	ORG/Sprague-Dawley// EE/seminal vesicles sig dec wt, also reported sig ventral prostate, adrenals, cowpers gland, glans penis, and levatator ani bulbocavernosus muscles; body, liver and kidney wt nosig// EDES/Male rats castrated at 6 wk old, Linuron administered within 15 min of sc injection of 0.4 mg/kg testosterone propionate, an androgen receptor agonist that induces regrowth // GENERAL/CONTR/V, P, testosterone propionate///
94	100		100					mg/kg bdwt	1							100	Lab	GV	NO	95477	Lambright C;Ostby J;Bobseine K;Wilson V;Hotchkiss AK;Mann PC;Gray LE;	Cellular and Molecular Mechanisms of Action of Linuron: An Antiandrogenic Herbicide that Produced Reproductive Malformations in Male Rats	Toxicol Sci56(2): 389-399	2000	ORG/Sprague-Dawley, castrated, final weight reported// EE/pituitary, liver, adrenals, kidneys, ventral prostate also reported// EDES/all rats treated with testosterone propionate//
95	100		100					mg/kg bdwt	1							100	Lab	GV	NO	95477	Lambright C;Ostby J;Bobseine K;Wilson V;Hotchkiss AK;Mann PC;Gray LE;	Cellular and Molecular Mechanisms of Action of Linuron: An Antiandrogenic Herbicide that Produced Reproductive Malformations in Male Rats	Toxicol Sci56(2): 389-399	2000	ORG/Sprague-Dawley, castrated, final weight reported// EE/body weight also reported// EDES/all rats treated with testosterone propionate//
96	100		100					mg/kg bdwt	1							100	Lab	GV	NO	95477	Lambright C;Ostby J;Bobseine K;Wilson V;Hotchkiss AK;Mann PC;Gray LE;	Cellular and Molecular Mechanisms of Action of Linuron: An Antiandrogenic Herbicide that Produced Reproductive Malformations in Male Rats	Toxicol Sci56(2): 389-399	2000	ORG/Sprague-Dawley, castrated, final weight reported// EE/pituitary, liver, adrenals, kidneys, ventral prostate also reported// EDES/all rats treated with testosterone//
97	100		100					mg/kg bdwt	1							100	Lab	GV	NO	95477	Lambright C;Ostby J;Bobseine K;Wilson V;Hotchkiss AK;Mann PC;Gray LE;	Cellular and Molecular Mechanisms of Action of Linuron: An Antiandrogenic Herbicide that Produced Reproductive Malformations in Male Rats	Toxicol Sci56(2): 389-399	2000	ORG/Sprague-Dawley, castrated, final weight reported// EE/body weight also reported// EDES/all rats treated with testosterone //
98	100		100					mg/kg bdwt	1							100	Lab	GV	NO	95477	Lambright C;Ostby J;Bobseine K;Wilson V;Hotchkiss AK;Mann PC;Gray LE;	Cellular and Molecular Mechanisms of Action of Linuron: An Antiandrogenic Herbicide that Produced Reproductive Malformations in Male Rats	Toxicol Sci56(2): 389-399	2000	ORG/Sprague-Dawley, castrated, final weight reported// EE/body weight also reported// EDES/all rats treated with testosterone //
99	100		100					mg/kg bdwt	1							100	Lab	GV	NO	95477	Lambright C;Ostby J;Bobseine K;Wilson V;Hotchkiss AK;Mann PC;Gray LE;	Cellular and Molecular Mechanisms of Action of Linuron: An Antiandrogenic Herbicide that Produced Reproductive Malformations in Male Rats	Toxicol Sci56(2): 389-399	2000	ORG/Sprague-Dawley, castrated, final weight reported// EE/ventral prostate, epididymis, liver, LABC muscles also reported// EDES/all rats treated with testosterone //
100	100		100					mg/kg bdwt	4							100	Lab	GV	NO	95476	Ashby J;Lefevre PA;Tinwell H;Odum J;Owens W;	Testosterone-Stimulated Weanlings as an Alternative to Castrated Male Rats in the Hershberger Anti-Androgen Assay	Regul Toxicol Pharmacol 39(2): 229-238	2004	ORG/Alpk:APfSD, castrated weanling, final control weight reported// EDES/all rats were injected with testosterone propionate// CHAR/tocopherol stripped corn oil used//
101	10		10	30	30			mg/kg bdwt	4							100	Lab	GV	NO	95476	Ashby J;Lefevre PA;Tinwell H;Odum J;Owens W;	Testosterone-Stimulated Weanlings as an Alternative to Castrated Male Rats in the Hershberger Anti-Androgen Assay	Regul Toxicol Pharmacol 39(2): 229-238	2004	ORG/Alpk:APfSD, castrated weanling, final control weight reported// EE/Cowpers gland, liver, kidneys, testes, epididymis, seminal vesicle, prostate also reported// EDES/all rats were injected with testosterone propionate// CHAR/tocopherol stripped corn oil used//
102	295.5		295.5	450	443.25		443.25	mg/kg bdwt	3							98.5	Lab	GV	NO	95607	Scassellati-Sforzolini G;Moretti M;Villarini M;Monarca S;Fatigoni C;Pasquini R;	In Vivo Studies on Enzymatic Induction Activity of Linuron	J Environ Pathol Toxicol Oncol 13(1): 11-17	1994	ORG/Wistar strain// EXPDUR/treated for 2 weeks 5 days per week// EDES/Author tests biochemical and growth effects using pure chemical// GENERAL/OEF/APND, GLPX and GSTR also reported//
103	295.5		295.5	450	443.25		443.25	mg/kg bdwt	3							98.5	Lab	GV	NO	95607	Scassellati-Sforzolini G;Moretti M;Villarini M;Monarca S;Fatigoni C;Pasquini R;	In Vivo Studies on Enzymatic Induction Activity of Linuron	J Environ Pathol Toxicol Oncol 13(1): 11-17	1994	ORG/Wistar strain// EXPDUR/treated for 2 weeks 5 days per week// EDES/Author tests biochemical and growth effects using pure chemical// GENERAL/OEF/APND, GLPX and GSTR also reported//
104	315.8		315.8	631.6	631.6		631.6	Al mg/kg bdwt	3							47.5	Lab	GV	NO	95607	Scassellati-Sforzolini G;Moretti M;Villarini M;Monarca S;Fatigoni C;Pasquini R;	In Vivo Studies on Enzymatic Induction Activity of Linuron	J Environ Pathol Toxicol Oncol 13(1): 11-17	1994	ORG/Wistar strain// EXPDUR/treated for 2 weeks 5 days per week// EDES/Author tests biochemical and growth effects using commercially available chemical// CHAR/5percent active principle// GENERAL/OEF/APND, GLPX and GSTR also reported//
105	315.8		315.8					Al mg/kg bdwt	3							47.5	Lab	GV	NO	95607	Scassellati-Sforzolini G;Moretti M;Villarini M;Monarca S;Fatigoni C;Pasquini R;	In Vivo Studies on Enzymatic Induction Activity of Linuron	J Environ Pathol Toxicol Oncol 13(1): 11-17	1994	ORG/Wistar strain// EXPDUR/treated for 2 weeks 5 days per week// EDES/Author tests biochemical and growth effects using commercially available chemical// CHAR/5percent active principle// GENERAL/OEF/APND, GLPX and GSTR also reported//
106	100		100	30	30		30	mg/kg bdwt	4							100	Lab	GV	NO	93804	Owens W;Gray LE;Zeiger E;Walker M;Yamasaki K;Ashby J;Jacob E;	The OECD Program to Validate the Rat Hershberger Bioassay to Screen Compounds for In Vivo Androgen and Antiandrogen Responses: Phase 2 Dose-Response Studies	Environ Health Perspect 115(5): 671-678	2007	ORG/Wistar, CrlCdb(Rhan:WI strain// EE/body wt dec// EDES/Castrated at 44 to 46 Post Natal Day, testosterone propionate 0.4 mg per kg bw per d administered to all doses and control// GENERAL/BMD (benchmark dose) reported//
107	100		100	30	30		30	mg/kg bdwt	4							100	Lab	GV	NO	93804	Owens W;Gray LE;Zeiger E;Walker M;Yamasaki K;Ashby J;Jacob E;	The OECD Program to Validate the Rat Hershberger Bioassay to Screen Compounds for In Vivo Androgen and Antiandrogen Responses: Phase 2 Dose-Response Studies	Environ Health Perspect 115(5): 671-678	2007	ORG/CrlCD CD (SD) IGS BR Sprague Dawley strain// EE/seminal vesicles and coagulating gland wt, also reported body wt, ventral prostate, levator ani and bulbocavernosus muscles, glans penis, and cowpers glands wts all sig at high dose// EDES/Castrated at 43 to 44, 44 to 46 Post Natal Day, testosterone propionate 0.4 mg per kg bw per d administered to all doses and control// GENERAL/BMD (benchmark dose) reported//
108	30		30	10	10		10	mg/kg bdwt	4							100	Lab	GV	NO	93804	Owens W;Gray LE;Zeiger E;Walker M;Yamasaki K;Ashby J;Jacob E;	The OECD Program to Validate the Rat Hershberger Bioassay to Screen Compounds for In Vivo Androgen and Antiandrogen Responses: Phase 2 Dose-Response Studies	Environ Health Perspect 115(5): 671-678	2007	ORG/CrlCD CD (SD) IGS BR Sprague Dawley strain// EE/body wt dec// EDES/Castrated at 43 to 44, 44 to 46 Post Natal Day, testosterone propionate 0.4 mg per kg bw per d administered to all doses and control// GENERAL/BMD (benchmark dose) reported//
109	30		30	10	10		10	mg/kg bdwt	4							100	Lab	GV	NO	93804	Owens W;Gray LE;Zeiger E;Walker M;Yamasaki K;Ashby J;Jacob E;	The OECD Program to Validate the Rat Hershberger Bioassay to Screen Compounds for In Vivo Androgen and Antiandrogen Responses: Phase 2 Dose-Response Studies	Environ Health Perspect 115(5): 671-678	2007	ORG/Brl WIST Han@mol outbred// EE/seminal vesicles and coagulating gland wt, also reported body wt, ventral prostate, levator ani and bulbocavernosus muscles, glans penis, and cowpers glands wts all sig at high dose// EDES/Castrated at 42 to 45 Post Natal Day, testosterone propionate 0.4 mg per kg bw per d administered to all doses and control// GENERAL/BMD (benchmark dose) reported//
110	100		100					mg/kg bdwt	4							100	Lab	GV	NO	93804	Owens W;Gray LE;Zeiger E;Walker M;Yamasaki K;Ashby J;Jacob E;	The OECD Program to Validate the Rat Hershberger Bioassay to Screen Compounds for In Vivo Androgen and Antiandrogen Responses: Phase 2 Dose-Response Studies	Environ Health Perspect 115(5): 671-678	2007	ORG/Brl WIST Han@mol outbred// EE/body wt// EDES/Castrated at 42 to 45 Post Natal Day, testosterone propionate 0.4 mg per kg bw per d administered to all doses and control// GENERAL/BMD (benchmark dose) reported//
111	100		100	30	30		30	mg/kg bdwt	4							100	Lab	GV	NO	93804	Owens W;Gray LE;Zeiger E;Walker M;Yamasaki K;Ashby J;Jacob E;	The OECD Program to Validate the Rat Hershberger Bioassay to Screen Compounds for In Vivo Androgen and Antiandrogen Responses: Phase 2 Dose-Response Studies	Environ Health Perspect 115(5): 671-678	2007	ORG/CrlCD(SD)IGS BR strain// EE/seminal vesicles and coagulating gland wt also reported body wt, ventral prostate, levator ani and bulbocavernosus muscles, glans penis, and cowpers glands wts all sig at high dose// EDES/Castrated at 42 Post Natal Day, testosterone propionate 0.4 mg per kg bw per d administered to all doses and control// GENERAL/BMD (benchmark dose) reported//
112	100		100					mg/kg bdwt	4							100	Lab	GV	NO	93804	Owens W;Gray LE;Zeiger E;Walker M;Yamasaki K;Ashby J;Jacob E;	The OECD Program to Validate the Rat Hershberger Bioassay to Screen Compounds for In Vivo Androgen and Antiandrogen Responses: Phase 2 Dose-Response Studies	Environ Health Perspect 115(5): 671-678	2007	ORG/CrlCD(SD)IGS BR strain// EE/body wt// EDES/Castrated at 42 Post Natal Day, testosterone propionate 0.4 mg per kg bw per d administered to all doses and control// GENERAL/BMD
113	0.01		0.01	0.1	0.1		0.1	ppm	5							41.8	Lab	DA	NO	62408	Garten CT Jr.;Frank ML;	Comparison of Toxicity to Terrestrial Plants with Algal Growth Inhibition by Herbicides	(): 32 p.-	1984	ORG/var. Champion// EXPDUR/from planted seed to 4 wk growth after germination, above ground portion harvested, dried 48 h and weighed.// EE/dry weight// EDES/chem added to coarse sand, evaporated to dryness, mixed 15 minutes with silt-loam soil, plants exposed from seed to 4 weeks growth// CHAR/Lorox L// BCF = NR//
114	0.01		0.01	0.1	0.1		0.1	ppm	5							41.8	Lab	DA	NO	62408	Garten CT Jr.;Frank ML;	Comparison of Toxicity to Terrestrial Plants with Algal Growth Inhibition by Herbicides	(): 32 p.-	1984	EXPDUR/from planted seed to 4 wk growth after germination, below ground portion harvested, dried 48 h and weighed.// EE/dry weight // EDES/chem added to coarse sand, evaporated to dryness, mixed 15 minutes with silt-loam soil, plants exposed from seed to 4 weeks growth// CHAR/Lorox L// BCF = NR//
115	1		1	10	10		10	ppm	5							41.8	Lab	DA	NO	62408	Garten CT Jr.;Frank ML;	Comparison of Toxicity to Terrestrial Plants with Algal Growth Inhibition by Herbicides	(): 32 p.-	1984	ORG/var. Prize// EXPDUR/from planted seed to 4 wk growth after germination above ground portion harvested, dried 48 h and weighed.// EE/dry weight // EDES/chem added to coarse sand, evaporated to dryness, mixed 15 minutes with silt-loam soil, plants exposed from seed to 4 weeks growth// CHAR/Lorox L// BCF = NR//
116	137		0.137					mg/L							NR	100	LAB	S	226158	11142	Kemp WM;Boynton WR;Cunningham JJ;Stevenson JC;Jones TW;Means JC;	Effects of Atrazine and Linuron on Photosynthesis and Growth of the Macrophytes, Potamogeton perfoliatus L. and Myriophyllum spicatum L. in an Estuarine Environment	Aquat Toxicol 9(2/3): 190-191 (ABS) / Mar Environ Res 16(4): 255-280	1985	ORG/6-14 CM STEM LGTH, 2-6 CM RHIZOME LGTH// EE/STATS BASED ON SOLVENT CONTROL// CHAR/LINURON// GENERAL/OEF/C01 CONTRC,VIL/FESTG/2-6 CM RHIZOME LGTH///
117	25		0.025					mg/L							NR	100	LAB	S	226155	11142	Kemp WM;Boynton WR;Cunningham JJ;Stevenson JC;Jones TW;Means JC;	Effects of Atrazine and Linuron on Photosynthesis and Growth of the Macrophytes, Potamogeton perfoliatus L. and Myriophyllum spicatum L. in an Estuarine Environment	Aquat Toxicol 9(2/3): 190-191 (ABS) / Mar Environ Res 16(4): 255-280	1985	ORG/6-14 CM STEM LGTH, 2-6 CM RHIZOME LGTH// EE/STATS BASED ON SOLVENT CONTROL// CHAR/LINURON// GENERAL/OEF/C01 CONTRC,VIL/FESTG/2-6 CM RHIZOME LGTH///
118	40		40	80	80		80	nM	8							100	Lab	S	NO	96063	Hulsen K;Minne V;Lootens P;Vandecasteele P;Hofte M;	A Chlorophyll a Fluorescence-Based Lemna minor Bioassay to Monitor Microbial Degradation of Nanomolar to Micromolar Concentrations of Linuron	Environ Microbiol 4(6): 327-337	2002	EDES/Dose response. Total frond area.//
119	15		15	50	50		50	ug/L	4							100	FieldA	EN	NO	5508	Van Geest GJ;Zwaardemaker NG;Van Wijngaarden RPA;Cuppen JGM;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. II. Structural Responses	Environ Toxicol Chem 18(12): 2866-2874	1999	ORG/10 cm rooted shoots// EXPDUR/second treatment period// EE/Ash free dry weight// EDES/mesocosm study, after the first two treatments the water was left static for 7 days, then slowly flushed for 3 weeks, flow was maintained after the third treatment, nominal concentrations were 0.5/5.0/15/50 ug/L// GENERAL/Measured concentration values were from graph//
120	0.625		0.625					kg/fed	1							50	FieldN	PR	NO	95401	Khalifa MA;El-Dweb ST;Kadous EA;Hassan A;Soliman FS;	Herbicide-Plant Disease Relationships: Effect of Soil Herbicides on Rhizoctonia Damping-Off on Cotton Seedlings	Med Fac Landbouww Rijksuniv Gent 52(3, Pt.B): 1233-1244	1987	ORG/cv. Egyptian Giza 70// EE/Number of emerging seedlings per plot also reported.// EDES/Field study. 5 replicates.//
121	100	<=	100					mg/L	1							100	Lab	S	NO	95769	Christoper SV;Bird KT;	The Effects of Herbicides on Development of Myriophyllum spicatum L. Cultured in Vitro	J Environ Qual 21(2): 203-207	1992	GENERAL/No change in morphology was also noted.//
122	100		0.1			nr		mg/L								100	Lab	R	NO	93307	Kashian DR;Dodson SI;	Effects of Common-Use Pesticides on Developmental and Reproductive Processes in Daphnia	Toxicol Ind Health18(5): 225-235	2002	GENERAL/alpha = 0.05//
123	30		30					uM							NR	50	LAB	S	225320	61203	Cain JR;Cain RK;	The Effects of Selected Herbicides on Zygospore Germination and Growth of Chlamydomonas moewusii (Chlorophyceae, Volvocales)	J Phycol 19(): 301-305	1983	ORG/UTEX STRAIN 97 MT-, 2.5E+6 CELLS PER PLATE// EE/BY DEFINITION// CHAR/LOROX// GENERAL/LIFESTG/2.5E+6 CELLS PER PLATE///
124	20		20					uM							NR	50	LAB	S	225319	61203	Cain JR;Cain RK;	The Effects of Selected Herbicides on Zygospore Germination and Growth of Chlamydomonas moewusii (Chlorophyceae, Volvocales)	J Phycol 19(): 301-305	1983	ORG/UTEX STRAIN 97 MT-, 2.5E+6 CELLS PER PLATE// EE/BY DEFINITION// CHAR/LOROX// GENERAL/LIFESTG/2.5E+6 CELLS PER PLATE///
125	1541.5		1541.5					mg/kg bdwt	5						NR	50	FieldA	OR	1380	35243	Hill EF;Heath RG;Spann JW;Williams JD;	Lethal Dietary Toxicities of Environmental Pollutants to Birds	U S Fish and Wildl Serv No 191, Special Scientific Report-Wildlife(): 61 p.-	1975	
126	1719		1719					mg/kg bdwt	5						NR	50	FieldA	OR	1379	35243	Hill EF;Heath RG;Spann JW;Williams JD;	Lethal Dietary Toxicities of Environmental Pollutants to Birds	U S Fish and Wildl Serv No 191, Special Scientific Report-Wildlife(): 61 p.-	1975	
127	2500	>	2500					mg/kg bdwt	5						NR	50	FieldA	OR	1378	35243	Hill EF;Heath RG;Spann JW;Williams JD;	Lethal Dietary Toxicities of Environmental Pollutants to Birds	U S Fish and Wildl Serv No 191, Special Scientific Report-Wildlife(): 61 p.-	1975	
128	30		30					%	4							100	Lab	MM	NO	71392	Indyk F;	The Effect of Herbicides on the Effectivity of Hen Hatching	Zool Pol 36(1-4): 33-61	1993	ORG/Leghorn x New Hapshire// EE/Number survivors no clear dose response,Number of unfertilized and unviable eggs and mortality is also reported // EDES/30 second Immersion prior to incubation//
129	30		30					%	4							100	Lab	MM	NO	71392	Indyk F;	The Effect of Herbicides on the Effectivity of Hen Hatching	Zool Pol 36(1-4): 33-61	1993	ORG/Leghorn x New Hapshire// EE/Number survivors,Number of unfertilized and unviable eggs and mortality is also reported // EDES/30 second Immersion 4th day of incubation//
130	30		30	20	20		20	%	4							100	Lab	MM	NO	71392	Indyk F;	The Effect of Herbicides on the Effectivity of Hen Hatching	Zool Pol 36(1-4): 33-61	1993	ORG/Leghorn x New Hapshire// EE/Number survivors decreased, second highest dose sig inc over control,Number of unfertilized and unviable eggs and mortality is also reported // EDES/30 second Immersion 19th day of incubation//
131	30		30					%	4							100	Lab	MM	NO	71392	Indyk F;	The Effect of Herbicides on the Effectivity of Hen Hatching	Zool Pol 36(1-4): 33-61	1993	ORG/Leghorn x New Hapshire// EE/Number survivors, Number of unfertilized and unviable eggs and mortality is also reported // EDES/30 second Immersion 19th day of incubation//
132	25		25					ppm	1							50	NR	DA	NO	80737	Palmer JS;Radeleff RD;	The Toxicity of Some Organic Herbicides to Cattle, Sheep, and Chickens	Production Research Rep No 106, U S Dep Agriculture, Agricultural Research Service, Washington, DC(): 26 p.-	1969	EDES/Drench dosing//
133	50		50					ppm	1							50	NR	DT	NO	80737	Palmer JS;Radeleff RD;	The Toxicity of Some Organic Herbicides to Cattle, Sheep, and Chickens	Production Research Rep No 106, U S Dep Agriculture, Agricultural Research Service, Washington, DC(): 26 p.-	1969	EDES/Capsule administered with bailing gun.//
134	50		50					ppm	1							50	NR	DA	NO	80737	Palmer JS;Radeleff RD;	The Toxicity of Some Organic Herbicides to Cattle, Sheep, and Chickens	Production Research Rep No 106, U S Dep Agriculture, Agricultural Research Service, Washington, DC(): 26 p.-	1969	EDES/Drench dosing//
135	100		100					mg/kg bdwt	1							50	Lab	GV	NO	80527	Hodge HC;Downs WL;Smith DW;Maynard EA;Clayton JW;Pease HL;	Oral Toxicity of Linuron (3,-(3,4-Dichlorophenyl)-1(Methoxy-1-Methylurea) in Rats and Dogs	Food Cosmet Toxicol 6(2): 171-183	1968	
136	312.5		312.5					ppm	3							50	Lab	DT	NO	80527	Hodge HC;Downs WL;Smith DW;Maynard EA;Clayton JW;Pease HL;	Oral Toxicity of Linuron (3,-(3,4-Dichlorophenyl)-1(Methoxy-1-Methylurea) in Rats and Dogs	Food Cosmet Toxicol 6(2): 171-183	1968	
137	12.5		12.5					mg/kg bdwt	2							50	Lab	GV	NO	80527	Hodge HC;Downs WL;Smith DW;Maynard EA;Clayton JW;Pease HL;	Oral Toxicity of Linuron (3,-(3,4-Dichlorophenyl)-1(Methoxy-1-Methylurea) in Rats and Dogs	Food Cosmet Toxicol 6(2): 171-183	1968	ORG/New Zealand White, 3 to 5 kg, breeding does// EDES/dosed from gestation day 8 to 16//
138	62.5		62.5					mg/kg bdwt	2							50	Lab	GV	NO	80527	Hodge HC;Downs WL;Smith DW;Maynard EA;Clayton JW;Pease HL;	Oral Toxicity of Linuron (3,-(3,4-Dichlorophenyl)-1(Methoxy-1-Methylurea) in Rats and Dogs	Food Cosmet Toxicol 6(2): 171-183	1968	ORG/New Zealand White, 3 to 5 kg, breeding does// EDES/dosed from gestation day 8 to 16//
139	44		44					mg/L		7.4*						100	Lab	S	NO	69821	Nalecz-Jawecki G;Kucharczyk E;Sawicki J;	The Sensitivity of Protozoan Spirostomum ambiguum to Selected Pesticides	Fresenius Environ Bull 11(2): 98-101	2002	
140	75.2		75.2					mg/L		7.4*						100	Lab	S	NO	69821	Nalecz-Jawecki G;Kucharczyk E;Sawicki J;	The Sensitivity of Protozoan Spirostomum ambiguum to Selected Pesticides	Fresenius Environ Bull 11(2): 98-101	2002	
141	2		2					mg/L	1							100	FieldA	E	NO	14132	Lawrence JM;	Graphic Presentation of Aquatic Herbicide Data	Proc South Weed Conf 18(): 568-573	1965	EXPDUR/other duration also reported// GENERAL/tested in plastic pool
142	2		2					mg/L	1							100	FieldA	E	NO	14132	Lawrence JM;	Graphic Presentation of Aquatic Herbicide Data	Proc South Weed Conf 18(): 568-573	1965	EXPDUR/other duration also reported// GENERAL/tested in plastic pool
143	2		2					mg/L	1							100	FieldA	E	NO	14133	Lawrence JM;	Graphic Presentation of Aquatic Herbicide Data	Proc South Weed Conf 18(): 568-573	1965	EXPDUR/other duration also reported// GENERAL/tested in plastic pool
144	2		2					mg/L	1							100	FieldA	E	NO	14133	Lawrence JM;	Graphic Presentation of Aquatic Herbicide Data	Proc South Weed Conf 18(): 568-573	1965	EXPDUR/other duration also reported// GENERAL/tested in plastic pool
145	2		2					mg/L	1							100	FieldA	E	NO	14133	Lawrence JM;	Graphic Presentation of Aquatic Herbicide Data	Proc South Weed Conf 18(): 568-573	1965	EXPDUR/other duration also reported// GENERAL/tested in plastic pool
146	2		2					mg/L	1							100	FieldA	E	NO	14133	Lawrence JM;	Graphic Presentation of Aquatic Herbicide Data	Proc South Weed Conf 18(): 568-573	1965	EXPDUR/other duration also reported// GENERAL/tested in plastic pool
147	2		2					ppm	8				93	%	OM	100	Lab	DA	NO	93636	Roslycky EB;	Fungicidal Activity of Vorlex and Accumulation of Linuron in a Vorlex-Linuron Treated Soil	Can J Soil Sci 60(4): 651-656	1980	EXPDUR/other durations reported// GENERAL/mixtures also reported//
148	2		2					% Al	1							100	Lab	FD	NO	79821	Van der Gulik J;Spingett JA;	The Effect of Commonly Used Biocides on Slugs	Proc N Z Weed Pest Control Conf 33(): 225-229	1980	ORG/>2.5 cm// EDES/bait test//
149	2		2					% Al	1							100	Lab	FD	NO	79821	Van der Gulik J;Spingett JA;	The Effect of Commonly Used Biocides on Slugs	Proc N Z Weed Pest Control Conf 33(): 225-229	1980	ORG/>3 cm// EDES/bait test//
150	750		750					g/ha	1							100	Lab	SP	NO	79821	Van der Gulik J;Spingett JA;	The Effect of Commonly Used Biocides on Slugs	Proc N Z Weed Pest Control Conf 33(): 225-229	1980	ORG/>3 cm// EDES/spray test//
151	750		750					g/ha	1							100	Lab	SP	NO	79821	Van der Gulik J;Spingett JA;	The Effect of Commonly Used Biocides on Slugs	Proc N Z Weed Pest Control Conf 33(): 225-229	1980	ORG/>2.5 cm// EDES/spray test//
152	2		2					mg/L	1							100	FieldA	E	NO	14133	Lawrence JM;	Graphic Presentation of Aquatic Herbicide Data	Proc South Weed Conf 18(): 568-573	1965	EXPDUR/other duration also reported// GENERAL/tested in plastic pool
153	7		7					mg/L			170	CaCO3				100	Lab	S	NO	72537	Hernando MD;Ejerhoon M;Fernandez-Alba AR;Chisti Y;	Combined Toxicity Effects of MTBE and Pesticides Measured with Vibrio fischeri and Daphnia magna Bioassays	Water Res 37(17): 4091-4098	2003	EDES/Daphtoxkit//
154	152(72 TO 321)		0.152(0.072 TO 0.321)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots//

	CAS Number	Chemical Name	Species Number	Phylum	Class	Order	Family	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Habitat	Plant/Animal	Media	Dur Orig	Dur Unit Orig	Dur Preferred	Dur Unit Preferred	Conc Type	Conc Value1 Orig	Conc Units Orig
155	330552	Linuron	1811	Charophyta	Charophyceae	Charales	Characeae	Chara	globularis	Stonewort	PHY	PHY	PSII	EC50		aquatic	Plant	FW	24	h	1	d	F	12.1(7.9 TO 18.5)	ug/L
156	330552	Linuron	1811	Charophyta	Charophyceae	Charales	Characeae	Chara	globularis	Stonewort	PHY	PHY	PSII	EC10		aquatic	Plant	FW	24	h	1	d	F	1.0(0.3 TO 2.7)	ug/L
157	330552	Linuron	1503	Chlorophyta	Chlorophyceae	Zygnematales	Zygnemataceae	Spirogyra	sp.	Green algae	PHY	PHY	PSII	EC10		aquatic	Plant	FW	5	wk	35	d	F	11.1(6.7 TO 18.4)	ug/L
158	330552	Linuron	1503	Chlorophyta	Chlorophyceae	Zygnematales	Zygnemataceae	Spirogyra	sp.	Green algae	PHY	PHY	PSII	EC50		aquatic	Plant	FW	5	wk	35	d	F	25.1(19.2 TO 32.8)	ug/L
159	330552	Linuron	1503	Chlorophyta	Chlorophyceae	Zygnematales	Zygnemataceae	Spirogyra	sp.	Green algae	PHY	PHY	PSII	EC90		aquatic	Plant	FW	5	wk	35	d	F	56.9(38.5 TO 84.2)	ug/L
160	330552	Linuron	2999	Chlorophyta	Chlorophyceae	Chlorococcales	Scenedesmaceae	Scenedesmus	acutus	Green algae	PHY	PHY	PSII	EC90		aquatic	Plant	FW	1	d	1	d	F	117.3(84.1 TO 163.5)	ug/L
161	330552	Linuron	2999	Chlorophyta	Chlorophyceae	Chlorococcales	Scenedesmaceae	Scenedesmus	acutus	Green algae	PHY	PHY	PSII	EC50		aquatic	Plant	FW	1	d	1	d	F	12.2(9.4 TO 16.0)	ug/L
162	330552	Linuron	2999	Chlorophyta	Chlorophyceae	Chlorococcales	Scenedesmaceae	Scenedesmus	acutus	Green algae	PHY	PHY	PSII	EC10		aquatic	Plant	FW	1	d	1	d	F	1.3(0.7 TO 2.3)	ug/L
163	330552	Linuron	2999	Chlorophyta	Chlorophyceae	Chlorococcales	Scenedesmaceae	Scenedesmus	acutus	Green algae	PHY	PHY	PSII	EC10		aquatic	Plant	FW	3	d	3	d	F	1.3(0.7 TO 2.3)	ug/L
164	330552	Linuron	2999	Chlorophyta	Chlorophyceae	Chlorococcales	Scenedesmaceae	Scenedesmus	acutus	Green algae	PHY	PHY	PSII	EC50		aquatic	Plant	FW	3	d	3	d	F	22.1(17.7 TO 27.7)	ug/L
165	330552	Linuron	2999	Chlorophyta	Chlorophyceae	Chlorococcales	Scenedesmaceae	Scenedesmus	acutus	Green algae	PHY	PHY	PSII	EC90		aquatic	Plant	FW	1	d	1	d	F	295.2(73.5 TO 1186.3)	ug/L
166	330552	Linuron	23	Chordata	Actinopterygii	Salmoniformes	Salmonidae	Oncorhynchus	kisutch	Coho salmon,silver salmon	PHY	PHY	TEVG	LOEC		aquatic	Animal	FW	0	mi	0	d	F	10	ug/L
167	330552	Linuron	93	Chordata	Actinopterygii	Salmoniformes	Salmonidae	Oncorhynchus	nerka	Sockeye salmon	PHY	PHY	TEVG	NOEC		aquatic	Animal	FW	0	mi	0	d	F	1	ug/L
168	330552	Linuron	23	Chordata	Actinopterygii	Salmoniformes	Salmonidae	Oncorhynchus	kisutch	Coho salmon,silver salmon	PHY	PHY	TEVG	LOEC		aquatic	Animal	FW	15	mi	1.04E-02	d	F	10	ug/L
169	330552	Linuron	93	Chordata	Actinopterygii	Salmoniformes	Salmonidae	Oncorhynchus	nerka	Sockeye salmon	PHY	PHY	TEVG	LOEC		aquatic	Animal	FW	0	mi	0	d	F	10	ug/L
170	330552	Linuron	23	Chordata	Actinopterygii	Salmoniformes	Salmonidae	Oncorhynchus	kisutch	Coho salmon,silver salmon	PHY	PHY	TEVG	NOEC		aquatic	Animal	FW	30	mi	2.08E-02	d	F	100	ug/L
171	330552	Linuron	93	Chordata	Actinopterygii	Salmoniformes	Salmonidae	Oncorhynchus	nerka	Sockeye salmon	PHY	PHY	TEVG	NOEC		aquatic	Animal	FW	30	mi	2.08E-02	d	F	100	ug/L
172	330552	Linuron	4	Chordata	Actinopterygii	Salmoniformes	Salmonidae	Oncorhynchus	mykiss	Rainbow trout,donaldson trout	PHY	PHY	TEVG	NOEC		aquatic	Animal	FW	30	mi	2.08E-02	d	F	100	ug/L
173	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	PHY	PHY	HNPH	NOAEL		terrestrial	Animal	NONE	~98	d	~98	d	A	75	mg/kg/d
174	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	PHY	INJ	DAMG	NOAEL		terrestrial	Animal	NONE	22	d	22	d	A	100	mg/kg
175	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	PHY	INJ	DAMG	NOAEL		terrestrial	Animal	NONE	22	d	22	d	F	200	mg/kg
176	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	PHY	INJ	DAMG	NOAEL		terrestrial	Animal	NONE	22	d	22	d	F	200	mg/kg
177	330552	Linuron	1408	Community	NR	NR	NR	Aquatic	community	Aquatic community	PHY	PHY	PSYN	LOEC		Aquatic	NR	FW	28	d	28	d	F	5	ug/L
178	330552	Linuron	1408	Community	NR	NR	NR	Aquatic	community	Aquatic community	PHY	PHY	PSYN	NOEC		Aquatic	NR	FW	28	d	28	d	F	0.5	ug/L
179	330552	Linuron	501	Magnoliophyta	Liliopsida	Najadales	Potamogetonaceae	Potamogeton	pectinatus	Sago pondweed	PHY	PHY	PSYN	NOAEL	LOAEL	aquatic	Plant	FW	3	h	0.125	d	A	50	ng/L
180	330552	Linuron	501	Magnoliophyta	Liliopsida	Najadales	Potamogetonaceae	Potamogeton	pectinatus	Sago pondweed	PHY	PHY	PSYN	IC50		aquatic	Plant	FW	3	h	0.125	d	A	70(43 TO 112)	ng/L
181	330552	Linuron	1087	Magnoliophyta	Magnoliopsida	Haloragales	Haloragaceae	Myriophyllum	spicatum	Eurasian watermilfoil	PHY	PHY	PSYN	IC50		Aquatic	Plant	SW	4	wk	28	d	A	80	ug/L
182	330552	Linuron	1283	Magnoliophyta	Liliopsida	Najadales	Potamogetonaceae	Potamogeton	perfoliatus	Pondweed	PHY	PHY	PSYN	IC50		Aquatic	Plant	SW	4	wk	28	d	A	45	ug/L
183	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalii	Waterweed, ditchmoss	PHY	PHY	PSII	EC10		aquatic	Plant	FW	24	h	1	d	F	0.9(0.5 TO 1.4)	ug/L
184	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalii	Waterweed, ditchmoss	PHY	PHY	PSII	EC50		aquatic	Plant	FW	24	h	1	d	F	9.0(7.5 TO 10.7)	ug/L
185	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalii	Waterweed, ditchmoss	PHY	PHY	PSII	EC90		aquatic	Plant	FW	24	h	1	d	F	91(63 TO 131)	ug/L
186	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalii	Waterweed, ditchmoss	PHY	PHY	PSII	EC90		aquatic	Plant	FW	24	h	1	d	F	90(52 TO 153)	ug/L
187	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalii	Waterweed, ditchmoss	PHY	PHY	PSII	EC50		aquatic	Plant	FW	24	h	1	d	F	13.4(10.7 TO 16.8)	ug/L
188	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalii	Waterweed, ditchmoss	PHY	PHY	PSII	EC10		aquatic	Plant	FW	24	h	1	d	F	2.0(1.0 TO 3.9)	ug/L
189	330552	Linuron	1087	Magnoliophyta	Magnoliopsida	Haloragales	Haloragaceae	Myriophyllum	spicatum	Eurasian watermilfoil	PHY	PHY	PSII	EC10		aquatic	Plant	FW	24	h	1	d	F	0.7(0.2 TO 3.2)	ug/L
190	330552	Linuron	1087	Magnoliophyta	Magnoliopsida	Haloragales	Haloragaceae	Myriophyllum	spicatum	Eurasian watermilfoil	PHY	PHY	PSII	EC50		aquatic	Plant	FW	24	h	1	d	F	11.8(6.9 TO 20.5)	ug/L
191	330552	Linuron	1087	Magnoliophyta	Magnoliopsida	Haloragales	Haloragaceae	Myriophyllum	spicatum	Eurasian watermilfoil	PHY	PHY	PSII	EC90		aquatic	Plant	FW	24	h	1	d	F	194(89 TO 547)	ug/L
192	330552	Linuron	502	Magnoliophyta	Liliopsida	Najadales	Potamogetonaceae	Potamogeton	crispus	Curled pondweed	PHY	PHY	PSII	EC90		aquatic	Plant	FW	24	h	1	d	F	173(106 TO 281)	ug/L
193	330552	Linuron	502	Magnoliophyta	Liliopsida	Najadales	Potamogetonaceae	Potamogeton	crispus	Curled pondweed	PHY	PHY	PSII	EC50		aquatic	Plant	FW	24	h	1	d	F	12.9(9.6 TO 17.4)	ug/L
194	330552	Linuron	502	Magnoliophyta	Liliopsida	Najadales	Potamogetonaceae	Potamogeton	crispus	Curled pondweed	PHY	PHY	PSII	EC10		aquatic	Plant	FW	24	h	1	d	F	1.0(0.5 TO 1.9)	ug/L
195	330552	Linuron	17787	Magnoliophyta	Magnoliopsida	Ranunculales	Ranunculaceae	Ranunculus	longirostris	Longbeak Buttercup	PHY	PHY	PSII	EC10		aquatic	Plant	FW	24	h	1	d	F	1.7(1.1 TO 2.7)	ug/L
196	330552	Linuron	17787	Magnoliophyta	Magnoliopsida	Ranunculales	Ranunculaceae	Ranunculus	longirostris	Longbeak Buttercup	PHY	PHY	PSII	EC50		aquatic	Plant	FW	24	h	1	d	F	13.2(11.0 TO 16.0)	ug/L
197	330552	Linuron	17787	Magnoliophyta	Magnoliopsida	Ranunculales	Ranunculaceae	Ranunculus	longirostris	Longbeak Buttercup	PHY	PHY	PSII	EC90		aquatic	Plant	FW	24	h	1	d	F	101(72 TO 142)	ug/L
198	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalii	Waterweed, ditchmoss	PHY	PHY	PSII	EC10		aquatic	Plant	FW	8	wk	56	d	F	1.3(0.6 TO 2.7)	ug/L
199	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalii	Waterweed, ditchmoss	PHY	PHY	PSII	EC50		aquatic	Plant	FW	5	wk	35	d	F	8.3(7.1 TO 9.7)	ug/L
200	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalii	Waterweed, ditchmoss	PHY	PHY	PSII	EC90		aquatic	Plant	FW	4	wk	28	d	F	48.5(41.2 TO 57.0)	ug/L
201	330552	Linuron	508	Magnoliophyta	Magnoliopsida	Nymphaeales	Ceratophyllaceae	Ceratophyllum	demersum	Coon-tail	PHY	PHY	PSII	EC90		aquatic	Plant	FW	5	wk	35	d	F	77.1(50.4 TO 117.7)	ug/L
202	330552	Linuron	508	Magnoliophyta	Magnoliopsida	Nymphaeales	Ceratophyllaceae	Ceratophyllum	demersum	Coon-tail	PHY	PHY	PSII	EC50		aquatic	Plant	FW	5	wk	35	d	F	8.7(6.8 TO 11.1)	ug/L
203	330552	Linuron	508	Magnoliophyta	Magnoliopsida	Nymphaeales	Ceratophyllaceae	Ceratophyllum	demersum	Coon-tail	PHY	PHY	PSII	EC10		aquatic	Plant	FW	5	wk	35	d	F	1.0(0.6 TO 1.7)	ug/L
204	330552	Linuron	7551	Plantae	NR	NR	NR	NR	Plantae	Plant kingdom	PHY	PHY	PSYN	EC50		aquatic	Plant	FW	4	h	0.166667	d	A	0.025	ai ppm
205	330552	Linuron	7551	Plantae	NR	NR	NR	NR	Plantae	Plant kingdom	PHY	PHY	PSYN	EC100		aquatic	Plant	FW	4	h	0.166667	d	A	1.25	ai ppm

	Conc Value1 Purity Adjusted	Conc Value1 Operator	Conc Value1 Preferred	Conc Value2 Orig	Conc Value2 Purity Adjusted	Conc Value2 Operator	Conc Value2 Preferred	Conc Units Preferred	Number of Conc	pH	Hardness	Hardness Unit	Organic Matter Value	Organic Matter Unit	Organic Matter Type	% Purity	Test Loc	Exp Type	Test ID	Ref #	Author	Title	Source	Publication Year	Comments
155	12.1(7.9 TO 18.5)		0.0121(0.0079 TO 0.0185)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots//
156	1(0.3 TO 2.7)		0.001(0.0003 TO 0.0027)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots//
157	11.1(6.7 TO 18.4)		0.0111(0.0067 TO 0.0184)					mg/L	5							100	Lab	R	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	EDES/microcosm//
158	25.1(19.2 TO 32.8)		0.0251(0.0192 TO 0.0328)					mg/L	5							100	Lab	R	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	EDES/microcosm//
159	56.9(38.5 TO 84.2)		0.0569(0.0385 TO 0.0842)					mg/L	5							100	Lab	R	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	EDES/microcosm//
160	117.3(84.1 TO 163.5)		0.1173(0.0841 TO 0.1635)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/axenic// EXPDUR/other durations also reported// EDES/free cell suspension//
161	12.2(9.4 TO 16)		0.0122(0.0094 TO 0.016)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/axenic// EXPDUR/other durations also reported// EDES/free cell suspension//
162	1.3(0.7 TO 2.3)		0.0013(0.0007 TO 0.0023)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/axenic// EXPDUR/other durations also reported// EDES/free cell suspension//
163	1.3(0.7 TO 2.3)		0.0013(0.0007 TO 0.0023)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/axenic// EXPDUR/other durations also reported// EDES/alginate beads//
164	22.1(17.7 TO 27.7)		0.0221(0.0177 TO 0.0277)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/axenic// EXPDUR/other durations also reported// EDES/alginate beads//
165	295.2(73.5 TO 1186.3)		0.2952(0.0735 TO 1.1863)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/axenic// EXPDUR/other durations also reported// EDES/alginate beads//
166	9.9		0.0099					mg/L	1	6.8*	6.12*	mg/L CaCO3				99	Lab	F	240540	90046	Tierney KB;Ross PS;Kennedy CJ;	Linuron and Carbaryl Differentially Impair Baseline Amino Acid and Bile Salt Olfactory Responses in Three Salmonids	Toxicology231(2/3): 175-187	2007	ORG/11.5 cm// EXPDUR/immediately after start of exposure// EE/stats to V control// EDES/flow through directly into nasal cavity. Exposed to 0.00001 M L-serine// GENERAL/CONTR/B,V/// BCF = NR//
167	0.999		0.00999					mg/L	1	6.8*	6.12*	mg/L CaCO3				99	Lab	F	240547	90046	Tierney KB;Ross PS;Kennedy CJ;	Linuron and Carbaryl Differentially Impair Baseline Amino Acid and Bile Salt Olfactory Responses in Three Salmonids	Toxicology231(2/3): 175-187	2007	ORG/11.6 cm// EXPDUR/immediately after start of exposure// EE/stats to V control// EDES/flow through directly into nasal cavity. Exposed to 0.00001 M L-serine// GENERAL/CONTR/B,V/// BCF = NR//
168	9.9		0.0099					mg/L	1	6.8*	6.12*	mg/L CaCO3				99	Lab	F	240565	90046	Tierney KB;Ross PS;Kennedy CJ;	Linuron and Carbaryl Differentially Impair Baseline Amino Acid and Bile Salt Olfactory Responses in Three Salmonids	Toxicology231(2/3): 175-187	2007	ORG/12.3 cm// EE/stats to V control// EDES/flow through directly into nasal cavity. Exposed to 0.00001 M L-serine// GENERAL/CONTR/B,V/// BCF = NR//
169	9.9		0.0099					mg/L	1	6.8*	6.12*	mg/L CaCO3				99	Lab	F	240548	90046	Tierney KB;Ross PS;Kennedy CJ;	Linuron and Carbaryl Differentially Impair Baseline Amino Acid and Bile Salt Olfactory Responses in Three Salmonids	Toxicology231(2/3): 175-187	2007	ORG/11.6 cm// EXPDUR/immediately after start of exposure// EE/stats to V control// EDES/flow through directly into nasal cavity. Exposed to 0.00001 M L-serine// GENERAL/CONTR/B,V/// BCF = NR//
170	99		0.099					mg/L	1	6.8*	6.12*	mg/L CaCO3				99	Lab	F	240575	90046	Tierney KB;Ross PS;Kennedy CJ;	Linuron and Carbaryl Differentially Impair Baseline Amino Acid and Bile Salt Olfactory Responses in Three Salmonids	Toxicology231(2/3): 175-187	2007	ORG/11.5 cm// EE/stats to V control// EDES/flow through directly into nasa cavity. Exposed to 0.00001 M taurocholic acid// GENERAL/CONTR/B,V/// BCF = NR//
171	99		0.099					mg/L	1	6.8*	6.12*	mg/L CaCO3				99	Lab	F	240582	90046	Tierney KB;Ross PS;Kennedy CJ;	Linuron and Carbaryl Differentially Impair Baseline Amino Acid and Bile Salt Olfactory Responses in Three Salmonids	Toxicology231(2/3): 175-187	2007	ORG/11.6 cm// EE/stats to V control// EDES/flow through directly into nasa cavity. Exposed to 0.00001 M taurocholic acid// GENERAL/CONTR/B,V/// BCF = NR//
172	99		0.099					mg/L	1	6.8*	6.12*	mg/L CaCO3				99	Lab	F	240589	90046	Tierney KB;Ross PS;Kennedy CJ;	Linuron and Carbaryl Differentially Impair Baseline Amino Acid and Bile Salt Olfactory Responses in Three Salmonids	Toxicology231(2/3): 175-187	2007	ORG/12.3 cm// EE/stats to V control// EDES/flow through directly into nasa cavity. Exposed to 0.00001 M taurocholic acid// GENERAL/CONTR/B,V/// BCF = NR//
173	75		75					mg/kg bdwt	1							100	Lab	GV	NO	96068	Hotchkiss AK;	The Effect of Androgens and Antiandrogens on Sexual Differentiation in Male and Female Rats	Ph.D Thesis, North Carolina State Univ.,NC(): 156 p.-	2001	ORG/Pregnant Sprague Dawley // EXPDUR/Gestation day 14 to 3 post nata novmbs.// EDES/Chapter 4, Developmental effects of linuron administered during gestation // CHAR/Dupont lot number 225//
174	100		100					mg/kg	4							95.1	Lab	IG	NO	88908	Khera KS;Whalen C;Trivett G;	Teratogenicity Studies on Linuron, Malathion, and Methoxychlor in Rats	Toxicol Appl Pharmacol 45(2): 435-444	1978	ORG/Wistar 175 to 200g.// EXPDUR/GD 1 to GD 22. Additional durations reported.// EE/Sucutaneous hematomal/ EDES/Teratologic effects from gestation exposure.// GENERAL/Also reported, number of dams pregnant at necropsy, number of corpora lutea per pregnancy, number of live fetuses per pregnancy, % dead or resorbed fetuses and fetal weight without stats.//
175	200		200					mg/kg	3							100	Lab	IG	NO	88908	Khera KS;Whalen C;Trivett G;	Teratogenicity Studies on Linuron, Malathion, and Methoxychlor in Rats	Toxicol Appl Pharmacol 45(2): 435-444	1978	ORG/Wistar 175 to 200g.// EXPDUR/GD 1 to GD 22. Additional durations reported.// EE/Sucutaneous hematomal/ EDES/Teratologic effects from gestation exposure.// CHAR/Obtained from El DuPont Nemours Inc, Wilmington, Delaware.// GENERAL/Also reported, number of dams pregnant at necropsy, number of corpora lutea per pregnancy, number of live fetuses per pregnancy, % dead or resorbed fetuses and fetal weight without stats.//
176	200		200					mg/kg	4							100	Lab	IG	NO	88908	Khera KS;Whalen C;Trivett G;	Teratogenicity Studies on Linuron, Malathion, and Methoxychlor in Rats	Toxicol Appl Pharmacol 45(2): 435-444	1978	ORG/Wistar 175 to 200g.// EXPDUR/GD 1 to GD 22. Additional durations reported.// EE/Sucutaneous hematomal/ EDES/Teratologic effects from gestation exposure.// CHAR/Obtained from Hoechst, Frankfurt/Main 80(02810 OH).// GENERAL/Also reported, number of dams pregnant at necropsy, number of corpora lutea per pregnancy, number of live fetuses per pregnancy, % dead or resorbed fetuses and fetal weight without stats.//
177	5		0.005					mg/L		>7 to<10 >						100	LAB	S	66514	18630	Cuppen JGM;Van den Brink PJ;Van der Woude H;Zwaardemaker N;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron II: Community Metabolism and Invertebrates	Ecotoxicol Environ Saf 38(1): 25-35	1997	ORG/MANY TAXA// EDES/SEDIMENT// CHAR/AFALON, LINURON// GENERAL/OEF/RECOVERY, DECOMPOSITION DO,PH/FROM GRAPH//ALK/>0.5Ω<2.00 MEQ/L, FROM GRAPH// >
178	0.5		0.0005					mg/L		>7 to<10 >						100	LAB	S	66554	18630	Cuppen JGM;Van den Brink PJ;Van der Woude H;Zwaardemaker N;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron II: Community Metabolism and Invertebrates	Ecotoxicol Environ Saf 38(1): 25-35	1997	ORG/MANY TAXA// EDES/SEDIMENT// CHAR/AFALON, LINURON// GENERAL/OEF/RECOVERY, DECOMPOSITION DO,PH/FROM GRAPH//ALK/>0.5Ω<2.00 MEQ/L, FROM GRAPH// >
179	50		0.00005	125	125		0.000125	mg/L	6							100	Lab	S	NO	70739	Fleming WJ;Allstock MS;Momot JJ;	Net Photosynthesis and Respiration of Sago Pondweed (Potamogeton pectinatus) Exposed to Herbicides	In: J S Hughes, G R Biddinger, and E Mones (Eds.), Symp Environmental Toxicology and Risk Assessment, Volume 3, ASTM STP 1218, Philadelphia, PA(): 303-317	1995	ORG/0.4 to 1.7 g initial fresh weight, single clonal// EE/respiration also reported// BCF = NR//
180	70(43 TO 112)		0.00007(0.00043 TO 0.000112)					mg/L	6							100	Lab	S	NO	70739	Fleming WJ;Allstock MS;Momot JJ;	Net Photosynthesis and Respiration of Sago Pondweed (Potamogeton pectinatus) Exposed to Herbicides	In: J S Hughes, G R Biddinger, and E Mones (Eds.), Symp Environmental Toxicology and Risk Assessment, Volume 3, ASTM STP 1218, Philadelphia, PA(): 303-317	1995	ORG/0.4 to 1.7 g initial fresh weight, single clonal// BCF = NR//
181	80		0.08					mg/L								100	LAB	S	226157	11142	Kemp WM;Boynton WR;Cunningham JJ;Stevenson JC;Jones TW;Means JC;	Effects of Atrazine and Linuron on Photosynthesis and Growth of the Macrophytes, Potamogeton perfoliatus L. and Myriophyllum spicatum L. in an Estuarine Environment	Aquat Toxicol 9(2/3): 190-191 (ABS) / Mar Environ Res 16(4): 255-280	1985	ORG/6-14 CM STEM LGTH, 2-6 CM RHIZOME LGTH// EE/STATS BASED ON SOLVENT CONTROL// CHAR/LINURON// GENERAL/OEF/C01 CONTRC,VII,LIFESTG/2-6 CM RHIZOME LGTH//
182	45		0.045					mg/L								100	LAB	S	226156	11142	Kemp WM;Boynton WR;Cunningham JJ;Stevenson JC;Jones TW;Means JC;	Effects of Atrazine and Linuron on Photosynthesis and Growth of the Macrophytes, Potamogeton perfoliatus L. and Myriophyllum spicatum L. in an Estuarine Environment	Aquat Toxicol 9(2/3): 190-191 (ABS) / Mar Environ Res 16(4): 255-280	1985	ORG/6-14 CM STEM LGTH, 2-6 CM RHIZOME LGTH// EE/STATS BASED ON SOLVENT CONTROL// CHAR/LINURON// GENERAL/OEF/C01 CONTRC,VII,LIFESTG/2-6 CM RHIZOME LGTH//
183	0.9(0.5 TO 1.4)		0.0009(0.0005 TO 0.0014)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots// EE/endpoints based on measured concentrations//
184	9(7.5 TO 10.7)		0.009(0.0075 TO 0.0107)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots// EE/endpoints based on measured concentrations//
185	91(63 TO 131)		0.091(0.063 TO 0.131)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots// EE/endpoints based on measured concentrations//
186	90(52 TO 153)		0.09(0.052 TO 0.153)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots//
187	13.4(10.7 TO 16.8)		0.0134(0.0107 TO 0.0168)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots//
188	3(1 TO 3.9)		0.002(0.001 TO 0.0039)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots//
189	0.7(0.2 TO 3.2)		0.007(0.0002 TO 0.0032)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots//
190	11.8(6.9 TO 20.5)		0.0118(0.0069 TO 0.0205)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots//
191	194(89 TO 547)		0.194(0.089 TO 0.547)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots//
192	173(106 TO 281)		0.173(0.106 TO 0.281)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots//
193	12.9(9.6 TO 17.4)		0.0129(0.0096 TO 0.0174)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots//
194	1(0.5 TO 1.9)		0.001(0.0005 TO 0.0019)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots//
195	1.7(1.1 TO 2.7)		0.0017(0.0011 TO 0.0027)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots//
196	13.2(11 TO 16)		0.0132(0.011 TO 0.016)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots//
197	101(72 TO 142)		0.101(0.072 TO 0.142)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/5 cm shoots//
198	1.3(0.6 TO 2.7)		0.0013(0.0006 TO 0.0027)					mg/L	5							100	Lab	R	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	EXPDUR/other durations also reported// EDES/microcosm//
199	8.3(7.1 TO 9.7)		0.0083(0.0071 TO 0.0097)					mg/L	5							100	Lab	R	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	EXPDUR/other durations also reported// EDES/microcosm//
200	48.5(41.2 TO 57)		0.0485(0.0412 TO 0.057)					mg/L	5							100	Lab	R	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	EXPDUR/other durations also reported// EDES/microcosm//
201	77.1(50.4 TO 117.7)		0.0771(0.0504 TO 0.1177)					mg/L	5							100	Lab	R	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	EDES/microcosm//
202	8.7(6.8 TO 11.1)		0.0087(0.0068 TO 0.0111)					mg/L	5							100	Lab	R	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	EDES/microcosm//
203	1(0.6 TO 1.7)		0.001(0.0006 TO 0.0017)					mg/L	5							100	Lab	R	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	EDES/microcosm//
204	0.025<		0.025					mg/L	9							50	Lab	S	NO	13583	Girman GR;	The Effects of a Number of Herbicides upon Photosynthesis and Heterotrophy of Naturally Occurring Algal and Bacterial Communities in Delta Marsh, Manitoba	M S Thesis, University of Manitoba, Winnipeg, Manitoba(): 179 p.-	1975	ORG/phytoplankton// EDES/Sample bottles in growth chamber with constant conditions.//
205	1.25		1.25					mg/L	9							50	Lab	S	NO	13583	Girman GR;	The Effects of a Number of Herbicides upon Photosynthesis and Heterotrophy of Naturally Occurring Algal and Bacterial Communities in Delta Marsh, Manitoba	M S Thesis, University of Manitoba, Winnipeg, Manitoba(): 179 p.-	1975	ORG/phytoplankton// EDES/Sample bottles in growth chamber with constant conditions.//

	CAS Number	Chemical Name	Species Number	Phylum	Class	Order	Family	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Habitat	Plant/Animal	Media	Dur Orig	Dur Unit Orig	Dur Preferred	Dur Unit Preferred	Conc Type	Conc Value1 Orig	Conc Units Orig
206	330552	Linuron	7551	Plantae	NR	NR	NR	NR	Plantae	Plant kingdom	PHY	PHY	PSYN	EC50		aquatic	Plant	FW	4	h	0.166667	d	A	2.5	ai ppm
207	330552	Linuron	7551	Plantae	NR	NR	NR	NR	Plantae	Plant kingdom	PHY	PHY	PSYN	EC100		aquatic	Plant	FW	4	h	0.166667	d	A	2.5	ai ppm
208	330552	Linuron	7551	Plantae	NR	NR	NR	NR	Plantae	Plant kingdom	PHY	PHY	ASML	EC50		aquatic	Plant	FW	4	h	0.166667	d	A	25	ai ppm
209	330552	Linuron	7551	Plantae	NR	NR	NR	NR	Plantae	Plant kingdom	PHY	PHY	ASML	EC100		aquatic	Plant	FW	4	h	0.166667	d	A	250	ai ppm
210	330552	Linuron	2825	Annelida	Oligochaeta	Haplotaxida	Naididae	Dero	sp.	Oligochaete	POP	POP	ABND	NOAEL		aquatic	Animal	FW	13	wk	91	d	F	150	ug/L
211	330552	Linuron	869	Annelida	Oligochaeta	Haplotaxida	Tubificidae	NR	Tubificidae	Oligochaete family	POP	POP	ABND	NOEC	LOEC	aquatic	Animal	FW	<=22	wk	<=154	d	A	15	ug/L
212	330552	Linuron	609	Arthropoda	Malacostraca	Isopoda	Asellidae	Asellus	aquaticus	Aquatic sowbug	POP	POP	ABND	NOEC		Aquatic	Animal	FW	28	d	28	d	F	150	ug/L
213	330552	Linuron	243	Arthropoda	Copepoda	NR	NR	NR	Copepoda	NR	POP	POP	ABND	NOEC		Aquatic	Animal	FW	28	d	28	d	F	150	ug/L
214	330552	Linuron	1385	Arthropoda	Branchiopoda	Cladocera	NR	NR	Cladocera	Water flea order	POP	POP	ABND	NOEC		Aquatic	Animal	FW	28	d	28	d	F	150	ug/L
215	330552	Linuron	1135	Arthropoda	Ostracoda	NR	NR	NR	Ostracoda	Ostracod/seed shrimp subclass	POP	POP	ABND	NOEC		Aquatic	Animal	FW	28	d	28	d	F	150	ug/L
216	330552	Linuron	1385	Arthropoda	Branchiopoda	Cladocera	NR	NR	Cladocera	Water flea order	POP	POP	ABND	NOEC		aquatic	Animal	FW	4	wk	28	d	F	150	ug/L
217	330552	Linuron	243	Arthropoda	Copepoda	NR	NR	NR	Copepoda	NR	POP	POP	ABND	NOEC		aquatic	Animal	FW	4	wk	28	d	F	150	ug/L
218	330552	Linuron	1135	Arthropoda	Ostracoda	NR	NR	NR	Ostracoda	Ostracod/seed shrimp subclass	POP	POP	ABND	NOEC		aquatic	Animal	FW	4	wk	28	d	F	150	ug/L
219	330552	Linuron	609	Arthropoda	Malacostraca	Isopoda	Asellidae	Asellus	aquaticus	Aquatic sowbug	POP	POP	ABND	NOEC		aquatic	Animal	FW	4	wk	28	d	F	150	ug/L
220	330552	Linuron	609	Arthropoda	Malacostraca	Isopoda	Asellidae	Asellus	aquaticus	Aquatic sowbug	POP	POP	ABND	NOEC	LOEC	aquatic	Animal	FW	11	wk	77	d	F	15	ug/L
221	330552	Linuron	1135	Arthropoda	Ostracoda	NR	NR	NR	Ostracoda	Ostracod/seed shrimp subclass	POP	POP	ABND	NOEC	LOEC	aquatic	Animal	FW	11	wk	77	d	F	15	ug/L
222	330552	Linuron	243	Arthropoda	Copepoda	NR	NR	NR	Copepoda	NR	POP	POP	ABND	NOEC	LOEC	aquatic	Animal	FW	11	wk	77	d	F	50	ug/L
223	330552	Linuron	1385	Arthropoda	Branchiopoda	Cladocera	NR	NR	Cladocera	Water flea order	POP	POP	ABND	NOEC	LOEC	aquatic	Animal	FW	11	wk	77	d	F	15	ug/L
224	330552	Linuron	609	Arthropoda	Malacostraca	Isopoda	Asellidae	Asellus	aquaticus	Aquatic sowbug	POP	POP	ABND	NOAEL	LOAEL	aquatic	Animal	FW	13	wk	91	d	F	50	ug/L
225	330552	Linuron	372	Arthropoda	Malacostraca	Amphipoda	Gammaridae	Gammarus	pulex	Scud	POP	POP	ABND	NOAEL		aquatic	Animal	FW	13	wk	91	d	F	150	ug/L
228	330552	Linuron	17948	Arthropoda	Insecta	Odonata	Aeshnidae	Anax	imperator	Dragonfly	POP	POP	ABND	NOEC	LOEC	aquatic	Animal	FW	<=22	wk	<=154	d	A	15	ug/L
227	330552	Linuron	1207	Arthropoda	Branchiopoda	Diplostraca	Bosminidae	Bosmina	sp.	Water flea	POP	POP	ABND	NOAEL	LOAEL	aquatic	Animal	FW	13	d	13	d	A	20	ug/L
229	330552	Linuron	17322	Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Aspergillus	parasiticus	Fungus	POP	POP	BMAS	LOAEL		terrestrial	NR	CUL	7	d	7	d	A	50	ai ppm
229	330552	Linuron	17322	Ascomycota	Eurotiomycetes	Eurotiales	Trichocomaceae	Aspergillus	parasiticus	Fungus	POP	POP	BMAS	NOAEL		terrestrial	NR	CUL	7	d	7	d	A	1000	ai ppm
230	330552	Linuron	15928	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Fusarium	sp.	Fungi	POP	POP	ABND	NOAEL		terrestrial	NR	ART	10	h	0.416667	d	F	24	mg/ml
231	330552	Linuron	17959	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Fusarium	sambucinum	Fungus	POP	POP	ABND	NOAEL	LOAEL	terrestrial	NR	AGR	7	d	7	d	F	8	ppm
232	330552	Linuron	17957	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Fusarium	coeruleum	Fungus	POP	POP	ABND	NOAEL		terrestrial	NR	AGR	7	d	7	d	F	64	ppm
233	330552	Linuron	17954	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Gibberella	avenacea	Fungus	POP	POP	ABND	NOAEL	LOAEL	terrestrial	NR	AGR	7	d	7	d	F	32	ppm
234	330552	Linuron	17288	Ascomycota	Sordariomycetes	Hypocreales	NR	Verticillium	albo	Fungus	POP	POP	ABND	NOAEL	LOAEL	terrestrial	NR	AGR	7	d	7	d	F	16	ppm
235	330552	Linuron	16229	Ascomycota	Ascomycetes	Pleosporales	Pleomassariaceae	Helminthosporium	solani	Fungi	POP	POP	ABND	NOAEL	LOAEL	terrestrial	NR	AGR	7	d	7	d	F	32	ppm
238	330552	Linuron	16957	Ascomycota	Ascomycetes	Pleosporales	Pleosporaceae	Alternaria	solani	Fungus	POP	POP	ABND	NOAEL	LOAEL	terrestrial	NR	AGR	7	d	7	d	F	16	ppm
237	330552	Linuron	15965	Ascomycota	Sordariomycetes	Hypocreales	Hypocreaceae	Trichoderma	viride	Fungi	POP	POP	ABND	NOAEL	LOAEL	terrestrial	NR	AGR	7	d	7	d	F	16	ppm
236	330552	Linuron	11587	Bacillariophyta	Bacillariophyceae	Achnanthales	Cocconeidaceae	Cocconeis	sp.	Diatom	POP	POP	ABND	NOEC		Aquatic	Plant	FW	4	wk	28	d	A	14.7	ug/L
239	330552	Linuron	11587	Bacillariophyta	Bacillariophyceae	Achnanthales	Cocconeidaceae	Cocconeis	sp.	Diatom	POP	POP	ABND	LOEC		Aquatic	Plant	FW	4	wk	28	d	A	151 TO 156	ug/L
240	330552	Linuron	11587	Bacillariophyta	Bacillariophyceae	Achnanthales	Cocconeidaceae	Cocconeis	sp.	Diatom	POP	POP	ABND	LDEC		Aquatic	Plant	FW	4	wk	28	d	A	50.4 TO 50.9	ug/L
241	330552	Linuron	11587	Bacillariophyta	Bacillariophyceae	Achnanthales	Cocconeidaceae	Cocconeis	sp.	Diatom	POP	POP	ABND	NOEC		Aquatic	Plant	FW	4	wk	28	d	A	50.4 TO 50.9	ug/L
242	330552	Linuron	11587	Bacillariophyta	Bacillariophyceae	Achnanthales	Cocconeidaceae	Cocconeis	sp.	Diatom	POP	POP	ABND	NOEC	LOEC	aquatic	Plant	FW	4	wk	28	d	A	50	ug/L
243	330552	Linuron	11587	Bacillariophyta	Bacillariophyceae	Achnanthales	Cocconeidaceae	Cocconeis	sp.	Diatom	POP	POP	ABND	NOEC	LOEC	aquatic	Plant	FW	11	wk	77	d	A	0.5	ug/L
244	330552	Linuron	11587	Bacillariophyta	Bacillariophyceae	Achnanthales	Cocconeidaceae	Cocconeis	sp.	Diatom	POP	POP	ABND	NOEC	LOEC	aquatic	Plant	FW	11	wk	77	d	A	50	ug/L
245	330552	Linuron	11587	Bacillariophyta	Bacillariophyceae	Achnanthales	Cocconeidaceae	Cocconeis	sp.	Diatom	POP	POP	ABND	NOEC	LOEC	aquatic	Plant	FW	11	wk	77	d	A	0.5	ug/L
246	330552	Linuron	11587	Bacillariophyta	Bacillariophyceae	Achnanthales	Cocconeidaceae	Cocconeis	sp.	Diatom	POP	POP	BMAS	NOAEL	LOAEL	aquatic	Plant	FW	2	wk	14	d	A	50	ug/L
247	330552	Linuron	16040	Basidiomycota	Basidiomycetes	Ceratobasidiales	Ceratobasidiaceae	Thanatephorus	cucumeris	Fungi	POP	POP	ABND	NOAEL	LOAEL	terrestrial	NR	AGR	7	d	7	d	F	32	ppm
248	330552	Linuron	16040	Basidiomycota	Basidiomycetes	Ceratobasidiales	Ceratobasidiaceae	Thanatephorus	cucumeris	Fungi	POP	POP	ABND	NOAEL		terrestrial	NR	NAT	30	d	30	d	F	1.25	kg/fed
249	330552	Linuron	16040	Basidiomycota	Basidiomycetes	Ceratobasidiales	Ceratobasidiaceae	Thanatephorus	cucumeris	Fungi	POP	POP	ABND	LDAEL		terrestrial	NR	NAT	14	d	14	d	A	1	ai ug/g soil
250	330552	Linuron	488	Chlorophyta	Chlorophyceae	Chlorococcales	Scenedesmaceae	Pseudokirchneriella	subcapitata	Green algae	POP	POP	PGRT	NOEC	LOEC	aquatic	Plant	FW	96	h	4	d	F	0.01	mg/L
251	330552	Linuron	479	Chlorophyta	Chlorophyceae	Chlorococcales	Oocystaceae	Chlorella	vulgaris	Green algae	POP	POP	PGRT	NOEC	LOEC	aquatic	Plant	FW	96	h	4	d	F	0.01	mg/L
252	330552	Linuron	1000	Chlorophyta	Chlorophyceae	Volvocales	Chlamydomonadaceae	Chlamydomonas	sp.	Green algae	POP	POP	ABND	NOEC		Aquatic	Plant	FW	4	wk	28	d	A	50.4 TO 50.9	ug/L
253	330552	Linuron	1000	Chlorophyta	Chlorophyceae	Volvocales	Chlamydomonadaceae	Chlamydomonas	sp.	Green algae	POP	POP	ABND	LOEC		Aquatic	Plant	FW	4	wk	28	d	A	151 TO 156	ug/L
254	330552	Linuron	1000	Chlorophyta	Chlorophyceae	Volvocales	Chlamydomonadaceae	Chlamydomonas	sp.	Green algae	POP	POP	ABND	LOEC		Aquatic	Plant	FW	4	wk	28	d	A	151 TO 156	ug/L
255	330552	Linuron	1000	Chlorophyta	Chlorophyceae	Volvocales	Chlamydomonadaceae	Chlamydomonas	sp.	Green algae	POP	POP	ABND	NOEC		Aquatic	Plant	FW	4	wk	28	d	A	50.4 TO 50.9	ug/L
256	330552	Linuron	479	Chlorophyta	Chlorophyceae	Chlorococcales	Oocystaceae	Chlorella	vulgaris	Green algae	POP	POP	PGRT	LOEC		Aquatic	Plant	FW	96	h	4	d	A	100	ug/L
257	330552	Linuron	479	Chlorophyta	Chlorophyceae	Chlorococcales	Oocystaceae	Chlorella	vulgaris	Green algae	POP	POP	PGRT	NOEC		Aquatic	Plant	FW	96	h	4	d	A	10	ug/L
258	330552	Linuron	488	Chlorophyta	Chlorophyceae	Chlorococcales	Scenedesmaceae	Pseudokirchneriella	subcapitata	Green algae	POP	POP	PGRT	LOEC		Aquatic	Plant	FW	96	h	4	d	A	100	ug/L
259	330552	Linuron	488	Chlorophyta	Chlorophyceae	Chlorococcales	Scenedesmaceae	Pseudokirchneriella	subcapitata	Green algae	POP	POP	PGRT	NOEC		Aquatic	Plant	FW	96	h	4	d	A	10	ug/L
260	330552	Linuron	426	Chlorophyta	Chlorophyceae	Chlorococcales	Oocystaceae	Chlorella	pyrenoidosa	Green algae	POP	POP	CHLO	IC50		Aquatic	Plant	FW	18 to 36	h	0.75 TO 1.5	d	A	1	ppm
261	330552	Linuron	426	Chlorophyta	Chlorophyceae	Chlorococcales	Oocystaceae	Chlorella	pyrenoidosa	Green algae	POP	POP	CHLO	IC50		Aquatic	Plant	FW	18 to 36	h	0.75 TO 1.5	d	A	10	ppm
262	330552	Linuron	1478	Chlorophyta	Chlorophyceae	Volvocales	Chlamydomonadaceae	Chlamydomonas	moewusii	Green algae	POP	POP	PGRT	IC50		Aquatic	Plant	FW	7	d	7	d	A	2.6	uM
263	330552	Linuron	1000	Chlorophyta	Chlorophyceae	Volvocales	Chlamydomonadaceae	Chlamydomonas	sp.	Green algae	POP	POP	ABND	NOEC	LOEC	aquatic	Plant	FW	4	wk	28	d	A	50	ug/L
264	330552	Linuron	1000	Chlorophyta	Chlorophyceae	Volvocales	Chlamydomonadaceae	Chlamydomonas	sp.	Green algae	POP	POP	ABND	NOEC	LOEC	aquatic	Plant	FW	4	wk	28	d	A	50	ug/L
265	330552	Linuron	1000	Chlorophyta	Chlorophyceae	Volvocales	Chlamydomonadaceae	Chlamydomonas	sp.	Green algae	POP	POP	ABND	NOEC	LOEC	aquatic	Plant	FW	11	wk	77	d	A	15	ug/L
266	330552	Linuron	1000	Chlorophyta	Chlorophyceae	Volvocales	Chlamydomonadaceae	Chlamydomonas	sp.	Green algae	POP	POP	ABND	NOEC	LOEC	aquatic	Plant	FW	11	wk	77	d	A	15	ug/L
267	330552	Linuron	2999	Chlorophyta	Chlorophyceae	Chlorococcales	Scenedesmaceae	Scenedesmus	acutus	Green algae	POP	POP	PGRT	EC90		aquatic	Plant	FW	2	d	2	d	F	58.8(34.8 TO 99.4)	ug/L
268	330552	Linuron	2999	Chlorophyta	Chlorophyceae	Chlorococcales	Scenedesmaceae	Scenedesmus	acutus	Green algae	POP	POP	PGRT	EC50		aquatic	Plant	FW	2	d	2	d	F	10.9(8.2 TO 14.5)	ug/L

	Conc Value1 Purity Adjusted	Conc Value1 Operator	Conc Value1 Preferred	Conc Value2 Orig	Conc Value2 Purity Adjusted	Conc Value2 Operator	Conc Value2 Preferred	Conc Units Preferred	Number of Conc	pH	Hardness	Hardness Unit	Organic Matter Value	Organic Matter Unit	Organic Matter Type	% Purity	Test Loc	Exp Type	Test ID	Ref #	Author	Title	Source	Publication Year	Comments
206	2.5		2.5					mg/L	9							50	Lab	S	NO	13583	Girman GR;	The Effects of a Number of Herbicides upon Photosynthesis and Heterotrophy of Naturally Occurring Algal and Bacterial Communities in Delta Marsh, Manitoba	M S Thesis, University of Manitoba, Winnipeg, Manitoba): 179 p..	1975	ORG/periphyton// EDES/Sample bottles in growth chamber with constant conditions.//
207	2.5		2.5					mg/L	9							50	Lab	S	NO	13583	Girman GR;	The Effects of a Number of Herbicides upon Photosynthesis and Heterotrophy of Naturally Occurring Algal and Bacterial Communities in Delta Marsh, Manitoba	M S Thesis, University of Manitoba, Winnipeg, Manitoba): 179 p..	1975	ORG/periphyton// EDES/Sample bottles in growth chamber with constant conditions.//
208	25		25					mg/L	9							50	Lab	S	NO	13583	Girman GR;	The Effects of a Number of Herbicides upon Photosynthesis and Heterotrophy of Naturally Occurring Algal and Bacterial Communities in Delta Marsh, Manitoba	M S Thesis, University of Manitoba, Winnipeg, Manitoba): 179 p..	1975	ORG/phytoplankton// EE/Author reports 25.0 to 250 ppm// EDES/Sample bottles in growth chamber with consant conditions.//
209	250	>	250					mg/L	9							50	Lab	S	NO	13583	Girman GR;	The Effects of a Number of Herbicides upon Photosynthesis and Heterotrophy of Naturally Occurring Algal and Bacterial Communities in Delta Marsh, Manitoba	M S Thesis, University of Manitoba, Winnipeg, Manitoba): 179 p..	1975	ORG/phytoplankton//
210	150		0.15					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
211	15		15	50	50		50	ug/L	4							100	Field/A	EN	NO	55087	Van Geest GJ;Zwaardemaker NG;Van Wijngaarden RPA;Cuppen JGM;	Effects of a Pulsed Treatment with the Herbicide Afalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. II. Structural Responses	Environ Toxicol Chem 18(12): 2866-2874	1999	EXPDUR/other durations also reported// EDES/mesocosm study, after the first two treatments the water was left static for 7 days, then slowly flushed for 3 weeks, flow was maintained after the third treatment, nominal concentrations were 0.5/5.0/15/50 ug/L// GENERAL/measured concentration values were from graph//
212	150	>	0.15					mg/L	>7 to<10						NR	100	LAB	S	169945	18636	Cuppen JGM;Van den Brink PJ;Van der Woude H;Zwaardemaker N;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron II. Community Metabolism and Invertebrates	Ecotoxicol Environ Saf 38(1): 25-35	1997	EDES/SEDIMENT// CHAR/AFALON, LINURON// GENERAL/OEF/RECOVERY, DECOMPOSITION DO,PH/FROM GRAPH//ALK/>0.50-<2.00 MEQ/L, FROM GRAPH// >
213	150	>	0.15					mg/L	>7 to<10						NR	100	LAB	S	169943	18636	Cuppen JGM;Van den Brink PJ;Van der Woude H;Zwaardemaker N;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron II. Community Metabolism and Invertebrates	Ecotoxicol Environ Saf 38(1): 25-35	1997	EDES/SEDIMENT// CHAR/AFALON, LINURON// GENERAL/OEF/RECOVERY, DECOMPOSITION DO,PH/FROM GRAPH//ALK/>0.50-<2.00 MEQ/L, FROM GRAPH//DI// >
214	150	>	0.15					mg/L	>7 to<10						NR	100	LAB	S	169942	18636	Cuppen JGM;Van den Brink PJ;Van der Woude H;Zwaardemaker N;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron II. Community Metabolism and Invertebrates	Ecotoxicol Environ Saf 38(1): 25-35	1997	EDES/SEDIMENT// CHAR/AFALON, LINURON// GENERAL/OEF/RECOVERY, DECOMPOSITION DO,PH/FROM GRAPH//ALK/>0.50-<2.00 MEQ/L, FROM GRAPH// >
215	150	>	0.15					mg/L	>7 to<10						NR	100	LAB	S	169944	18636	Cuppen JGM;Van den Brink PJ;Van der Woude H;Zwaardemaker N;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron II. Community Metabolism and Invertebrates	Ecotoxicol Environ Saf 38(1): 25-35	1997	EDES/SEDIMENT// CHAR/AFALON, LINURON// GENERAL/OEF/RECOVERY, DECOMPOSITION DO,PH/FROM GRAPH//ALK/>0.50-<2.00 MEQ/L, FROM GRAPH//ENE// >
216	150	>	0.15					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure//
217	150	>	0.15					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure//
218	150	>	0.15					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure//
219	150	>	0.15					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure//
220	15		0.015	50	50		0.05	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
221	15		0.015	50	50		0.05	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
222	50		0.05	150	150		0.15	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
223	15		0.015	50	50		0.05	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
224	50		0.05	150	150		0.15	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
225	150		0.15					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
226	15		15	50	50		50	ug/L	4							100	Field/A	EN	NO	55087	Van Geest GJ;Zwaardemaker NG;Van Wijngaarden RPA;Cuppen JGM;	Effects of a Pulsed Treatment with the Herbicide Afalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. II. Structural Responses	Environ Toxicol Chem 18(12): 2866-2874	1999	EXPDUR/other durations also reported// EDES/mesocosm study, after the first two treatments the water was left static for 7 days, then slowly flushed for 3 weeks, flow was maintained after the third treatment, nominal concentrations were 0.5/5.0/15/50 ug/L// GENERAL/measured concentration values were from graph//
227	20		0.03	60	60		0.09	mg/L	3							97	Field/A	S	NO	95475	Slijkerman DME;Moreira-Santos M;Jak RG;Ribeiro R;Soares AMVM;Van Straalen NM;	Functional and Structural Impact of Linuron on a Freshwater Community of Primary Producers: The Use of Immobilized Algae	Environ Toxicol Chem 24(10): 2477-2485	2005	ORG/and Cladocerans in general // EXPDUR/Other durations also reported// EE/Other Zooplankton specie population effects also reported.// EDES/Testing took place in an outdoor model ecosystem. Measured concentrations reported but not used in results. Water chemistry parameters varied during the test period and over different concentrations.// GENERAL/Macrophyte growth also reported.//
228	50		50					ppm	4							100	Lab	CM	NO	75785	Hasan HAH;	Mode of Action of Pesticides on Aflatoxin Biosynthesis and Oxidase System Activity	Microbiol Res 154(1): 95-102	1999	ORG/avr 1 (w 49) strain// GENERAL/mixture//
229	1000		1000					ppm	4							100	Lab	CM	NO	75785	Hasan HAH;	Mode of Action of Pesticides on Aflatoxin Biosynthesis and Oxidase System Activity	Microbiol Res 154(1): 95-102	1999	ORG/avr 1 (wh 1) strain// GENERAL/mixture//
230	12		12000					ppb	1							50	Lab	OA	NO	95481	Brown SL;Curl EA;	Rhizosphere Effect of Herbicide-Stressed Sicklepod (Cassia obtusifolia) on Chlamydospores of Fusarium oxysporum f. sp. Vasinfectum	Plant Dis 71(10): 919-922	1987	EE/chlamydospore production also reported// EDES/rhizosphere soil exudate from treated sicklepod plants was used as test medium //
231	8		8	16	16		16	ppm	8	7.0*						100	Lab	CM	NO	95603	Leach SS;Murdoch CW;Gordon C;	Response of Selected Soilborne Fungi and Bacteria to Herbicides Utilized in Potato Crop Management Systems in Maine	68(5): 269-278	1991	EE/as determined by radial growth//
232	64		64					ppm	8	7.0*						100	Lab	CM	NO	95603	Leach SS;Murdoch CW;Gordon C;	Response of Selected Soilborne Fungi and Bacteria to Herbicides Utilized in Potato Crop Management Systems in Maine	68(5): 269-278	1991	EE/as determined by radial growth//
233	32		32	64	64		64	ppm	8	7.0*						100	Lab	CM	NO	95603	Leach SS;Murdoch CW;Gordon C;	Response of Selected Soilborne Fungi and Bacteria to Herbicides Utilized in Potato Crop Management Systems in Maine	68(5): 269-278	1991	EE/as determined by radial growth//
234	16		16	32	32		32	ppm	8	7.0*						100	Lab	CM	NO	95603	Leach SS;Murdoch CW;Gordon C;	Response of Selected Soilborne Fungi and Bacteria to Herbicides Utilized in Potato Crop Management Systems in Maine	68(5): 269-278	1991	EE/as determined by radial growth//
235	32		32	64	64		64	ppm	8	7.0*						100	Lab	CM	NO	95603	Leach SS;Murdoch CW;Gordon C;	Response of Selected Soilborne Fungi and Bacteria to Herbicides Utilized in Potato Crop Management Systems in Maine	68(5): 269-278	1991	EE/as determined by radial growth//
236	16		16	32	32		32	ppm	8	7.0*						100	Lab	CM	NO	95603	Leach SS;Murdoch CW;Gordon C;	Response of Selected Soilborne Fungi and Bacteria to Herbicides Utilized in Potato Crop Management Systems in Maine	68(5): 269-278	1991	EE/as determined by radial growth//
237	16		16	32	32		32	ppm	8	7.0*						100	Lab	CM	NO	95603	Leach SS;Murdoch CW;Gordon C;	Response of Selected Soilborne Fungi and Bacteria to Herbicides Utilized in Potato Crop Management Systems in Maine	68(5): 269-278	1991	EE/as determined by radial growth//
238	14.7		0.0147					mg/L	6						NR	100	Lab	R	208048	18629	Van den Brink PJ;Hartgers EM;Fettweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	CHAR/AFALON, LINURON// GENERAL/OEF/RECOVERY, FATE, DELAYED NOEC///
239	151 TO 156		0.151 TO 0.156					mg/L							NR	100	Lab	R	208021	18629	Van den Brink PJ;Hartgers EM;Fettweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	CHAR/AFALON, LINURON//
240	50.4 TO 50.9		0.0504 TO 0.0509					mg/L							NR	100	Lab	R	208049	18629	Van den Brink PJ;Hartgers EM;Fettweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	CHAR/AFALON, LINURON// GENERAL/OEF/RECOVERY, FATE, DELAYED NOEC///
241	50.4 TO 50.9		0.0504 TO 0.0509					mg/L							NR	100	Lab	R	208020	18629	Van den Brink PJ;Hartgers EM;Fettweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	CHAR/AFALON, LINURON// GENERAL/OEF/RECOVERY, FATE, DELAYED NOEC///
242	50		0.05	150	150		0.15	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure, measured replicate concentrations reported//
243	0.5		0.0005	5	5		0.005	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	ORG/periphyton// EDES/microcosm exposure, measured replicate concentrations reported, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
244	50		0.05	150	150		0.15	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure, measured replicate concentrations reported toxicant renewed 2 /week for 4 weeks then remained in a static situation for a additional 7 weeks//
245	0.5		0.0005	5	5		0.005	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	ORG/periphyton// EDES/microcosm exposure, measured replicate concentrations reported, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
246	50		0.05	150	150		0.15	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EXPDUR/other duration also reported// EE/biovolume// EDES/microcosm exposure, measured replicate concentrations reported, glass slide substrate//
247	32		32	64	64		64	ppm	8	7.0*						100	Lab	CM	NO	95603	Leach SS;Murdoch CW;Gordon C;	Response of Selected Soilborne Fungi and Bacteria to Herbicides Utilized in Potato Crop Management Systems in Maine	68(5): 269-278	1991	EE/as determined by radial growth//
248	0.625		0.625					kg/fed	1							50	Field/N	PR	NO	95401	Khalifa MAS;El-Dseb ST;Kadous EA;Hassan A;Soliman FS;	Herbicide-Plant Disease Relationships: Effect of Soil Herbicides on Rhizoctonia Damping-Off on Cotton Seedlings	Med Fac Landbouww Rijksuniv Gent 52(3, Pt.B): 1233-1244	1987	ORG/Host plant Gossypium barbadens cv. Egyptian Giza 70// EE/Measured a % of diseased seedlings by fungi. Also reported, disease index.// EDES/Field study, 5 replicates.//
249	1		1					ppm	2							50	Field/N	PR	NO	95401	Khalifa MAS;El-Dseb ST;Kadous EA;Hassan A;Soliman FS;	Herbicide-Plant Disease Relationships: Effect of Soil Herbicides on Rhizoctonia Damping-Off on Cotton Seedlings	Med Fac Landbouww Rijksuniv Gent 52(3, Pt.B): 1233-1244	1987	ORG/Host plant Gossypium barbadens cv. Egyptian Giza 70// EE/Reported as decrease in resistance. Also reported, relative disease index and % diseased seedlings.// EDES/Greenhouse study, 5 replicates.//
250	0.00418		0.00418	0.1	0.0418		0.0418	mg/L	5							41.8	Lab	S	NO	62409	Garten CT Jr.;Frank ML;	Comparison of Toxicity to Terrestrial Plants with Algal Growth Inhibition by Herbicides	():32 p.-	1984	EE/% of control growth rate, chlorophyll a conc dtl for time interval// EDES/Algal growth medium in Erlenmeyer flasks.// CHAR/Lorox L//
251	0.00418		0.00418	0.1	0.0418		0.0418	mg/L	5							41.8	Lab	S	NO	62409	Garten CT Jr.;Frank ML;	Comparison of Toxicity to Terrestrial Plants with Algal Growth Inhibition by Herbicides	():32 p.-	1984	EE/% of control growth rate, chlorophyll a conc dtl for time interval// EDES/Algal growth medium in Erlenmeyer flasks.// CHAR/Lorox L//
252	50.4 TO 50.9		0.0504 TO 0.0509					mg/L							NR	100	LAB	R	169439	18629	Van den Brink PJ;Hartgers EM;Fettweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	CHAR/AFALON, LINURON//
253	151 TO 156		0.151 TO 0.156					mg/L							NR	100	LAB	R	169445	18629	Van den Brink PJ;Hartgers EM;Fettweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	CHAR/AFALON, LINURON//
254	151 TO 156		0.151 TO 0.156					mg/L							NR	100	LAB	R	169438	18629	Van den Brink PJ;Hartgers EM;Fettweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	CHAR/AFALON, LINURON//
255	50.4 TO 50.9		0.0504 TO 0.0509					mg/L							NR	100	LAB	R	169444	18629	Van den Brink PJ;Hartgers EM;Fettweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	CHAR/AFALON, LINURON//
256	100		0.1					mg/L	7.7*						NR	41.8	LAB	S	183045	19243	Multispecies Methods of Testing for Toxicity: Use of the Rhizobium-Legume Symbiosis in Nitrogen Fixation and Correlations Between Responses by Algae and Terrestrial Plants	Garten CT Jr.;	(rn: W Wang, J W Gorsuch, and W R Lower (Eds.), Plants for Toxicity Assessment, ASTM STP 1091, Philadelphia, PA): 69-84	1990	ORG/~1E+6 CELLS/100 ML// CHAR/LINURON// GENERAL/OEF/TERRESTRIAL PLANTS NR///
257	10		0.01					mg/L	7.7*						NR	41.8	LAB	S	183044	19243	Multispecies Methods of Testing for Toxicity: Use of the Rhizobium-Legume Symbiosis in Nitrogen Fixation and Correlations Between Responses by Algae and Terrestrial Plants	Garten CT Jr.;	(rn: W Wang, J W Gorsuch, and W R Lower (Eds.), Plants for Toxicity Assessment, ASTM STP 1091, Philadelphia, PA): 69-84	1990	ORG/~1E+6 CELLS/100 ML// CHAR/LINURON// GENERAL/OEF/TERRESTRIAL PLANTS NR///
258	100		0.1					mg/L	7.7*						NR	41.8	LAB	S	183043	19243	Multispecies Methods of Testing for Toxicity: Use of the Rhizobium-Legume Symbiosis in Nitrogen Fixation and Correlations Between Responses by Algae and Terrestrial Plants	Garten CT Jr.;	(rn: W Wang, J W Gorsuch, and W R Lower (Eds.), Plants for Toxicity Assessment, ASTM STP 1091, Philadelphia, PA): 69-84	1990	ORG/~1E+6 CELLS/100 ML// CHAR/LINURON// GENERAL/OEF/TERRESTRIAL PLANTS NR///
259	10		0.01					mg/L	7.7*						NR	41.8	LAB	S	183042	19243	Multispecies Methods of Testing for Toxicity: Use of the Rhizobium-Legume Symbiosis in Nitrogen Fixation and Correlations Between Responses by Algae and Terrestrial Plants	Garten CT Jr.;	(rn: W Wang, J W Gorsuch, and W R Lower (Eds.), Plants for Toxicity Assessment, ASTM STP 1091, Philadelphia, PA): 69-84	1990	ORG/~1E+6 CELLS/100 ML// CHAR/LINURON// GENERAL/OEF/TERRESTRIAL PLANTS NR///
260	1		1					mg/L							NR	100	LAB	S	221190	40616	Kratky BA;Warren GF;	The Use of Three Simple, Rapid Bioassays on Forty-Two Herbicides	Weed Res 11(): 257-262	1971	ORG/1 ML, ACTIVELY GROWING, SORKIN HIGH TEMPERATURE STRAIN 7-11-05// EE/ISO// CHAR/LINURON, CAS# 67641 - ALSO USED AS SOLVENT// GENERAL/LIFESTG/SORKIN HIGH TEMPERATURE STRAIN 7-11-05///
261	10		10					mg/L							NR	100	LAB	S	221191	40616	Kratky BA;Warren GF;	The Use of Three Simple, Rapid Bioassays on Forty-Two Herbicides	Weed Res 11(): 257-262	1971	ORG/1 ML, ACTIVELY GROWING, SORKIN HIGH TEMPERATURE STRAIN 7-11-05// EE/ISO// CHAR/LINURON, CAS# 67641 - ALSO USED AS SOLVENT// GENERAL/LIFESTG/SORKIN HIGH TEMPERATURE STRAIN 7-11-05///
262	2.6		2.6					uM								50	LAB	S	225318	61203	Cain JR;Cain RK;	The Effects of Selected Herbicides on Zygospore Germination and Growth of Chlamydomonas moewusii (Chlorophyceae, Volvocales)	J Phycol 19(): 301-305	1983	ORG/UTEX STRAIN 97 MT-, 2.5E+6 CELLS PER PLATE// CHAR/LOROX// GENERAL/LIFESTG/2.5E+6 CELLS PER PLATE///
263	50		0.05	150	150		0.15	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure, measured replicate concentrations reported//
264	50		0.05	150	150		0.15	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	ORG/periphyton// EDES/microcosm exposure, measured replicate concentrations reported//
265	15		0.015	50	50		0.05	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	ORG/periphyton// EDES/microcosm exposure, measured replicate concentrations reported, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
266	15		0.015	50	50		0.05	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure, measured replicate concentrations reported toxicant renewed 2 /week for 4 weeks then remained in a static situation for a additional 7 weeks//
267	58.8(34.8 TO 99.4)		0.0588(0.0348 TO 0.0994)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/axenic// EXPDUR/other durations also reported// EE/relative volume// EDES/alginate beads//
268	10.9(8.2 TO 14.5)		0.0109(0.0082 TO 0.0145)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/axenic// EXPDUR/other durations also reported// EE/relative volume// EDES/alginate beads//

	CAS Number	Chemical Name	Species Number	Phylum	Class	Order	Family	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Habitat	Plant/Animal	Media	Dur Orig	Dur Unit Orig	Dur Preferred	Dur Unit Preferred	Conc Type	Conc Value1 Orig	Conc Units Orig
269	330552	Linuron	2999	Chlorophyta	Chlorophyceae	Chlorococcales	Scenedesmaceae	Scenedesmus	acutus	Green algae	POP	POP	PGRT	EC10		aquatic	Plant	FW	2	d	2	d	F	2.0(1.0 TO 3.9)	ug/L
270	330552	Linuron	2999	Chlorophyta	Chlorophyceae	Chlorococcales	Scenedesmaceae	Scenedesmus	acutus	Green algae	POP	POP	PGRT	EC10		aquatic	Plant	FW	1	d	1	d	F	0.9(0.0 TO 22.7)	ug/L
271	330552	Linuron	2999	Chlorophyta	Chlorophyceae	Chlorococcales	Scenedesmaceae	Scenedesmus	acutus	Green algae	POP	POP	PGRT	EC50		aquatic	Plant	FW	2	d	2	d	F	5.4(4.6 TO 6.3)	ug/L
272	330552	Linuron	2999	Chlorophyta	Chlorophyceae	Chlorococcales	Scenedesmaceae	Scenedesmus	acutus	Green algae	POP	POP	PGRT	EC90		aquatic	Plant	FW	2	d	2	d	F	50.3(22.7 TO 40.5)	ug/L
273	330552	Linuron	1000	Chlorophyta	Chlorophyceae	Volvocales	Chlamydomonadaceae	Chlamydomonas	sp.	Green algae	POP	POP	ABND	NOEC	LOEC	aquatic	Plant	FW	4	wk	28	d	A	5	ug/L
274	330552	Linuron	17949	Chlorophyta	Chlorophyceae	Coleochaetales	Coleochaetaceae	Coleochaete	sp.	Green Algae	POP	POP	ABND	NOEC	LOEC	aquatic	Plant	FW	22	wk	154	d	A	15	ug/L
275	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	POP	POP	SEXR	NOAEL		terrestrial	Animal	NONE	9	d	9	d	F	50	mg/kg/d
276	330552	Linuron	706	Community	NR	NR	NR	Plankton	Plankton	NR	POP	POP	CHLA	NOAEL	LOAEL	aquatic	NR	FW	4	wk	28	d	A	50	ug/L
277	330552	Linuron	706	Community	NR	NR	NR	Plankton	Plankton	NR	POP	POP	CHLA	NOAEL	LOAEL	aquatic	NR	FW	4	wk	28	d	A	50	ug/L
278	330552	Linuron	706	Community	NR	NR	NR	Plankton	Plankton	NR	POP	POP	CHLA	NOAEL	LOAEL	aquatic	NR	FW	11	wk	77	d	A	50	ug/L
279	330552	Linuron	706	Community	NR	NR	NR	Plankton	Plankton	NR	POP	POP	CHLA	NOAEL	LOAEL	aquatic	NR	FW	11	wk	77	d	A	15	ug/L
280	330552	Linuron	706	Community	NR	NR	NR	Plankton	Plankton	NR	POP	POP	CHLA	NOAEL		aquatic	NR	FW	11	wk	77	d	A	150	ug/L
281	330552	Linuron	706	Community	NR	NR	NR	Plankton	Plankton	NR	POP	POP	DVRS	NOEC	LOEC	aquatic	NR	FW	9	wk	63	d	A	0.5	ug/L
282	330552	Linuron	4380	Cryptophycophyta	Cryptophyceae	Cryptomonadales	Cryptomonadaceae	Chroomonas	sp.	Cryptomonad	POP	POP	ABND	LOEC		Aquatic	Plant	FW	4	wk	28	d	A	4.92 TO 4.93	ug/L
283	330552	Linuron	4380	Cryptophycophyta	Cryptophyceae	Cryptomonadales	Cryptomonadaceae	Chroomonas	sp.	Cryptomonad	POP	POP	ABND	NOEC		Aquatic	Plant	FW	4	wk	28	d	A	0.45 TO 0.46	ug/L
284	330552	Linuron	4380	Cryptophycophyta	Cryptophyceae	Cryptomonadales	Cryptomonadaceae	Chroomonas	sp.	Cryptomonad	POP	POP	ABND	NOEC	LOEC	aquatic	Plant	FW	4	wk	28	d	A	0.5	ug/L
285	330552	Linuron	4380	Cryptophycophyta	Cryptophyceae	Cryptomonadales	Cryptomonadaceae	Chroomonas	sp.	Cryptomonad	POP	POP	ABND	NOEC		aquatic	Plant	FW	11	wk	77	d	A	150	ug/L
286	330552	Linuron	1064	Cyanophycota	Cyanophyceae	Nostocales	Oscillatoriaceae	Phormidium	foveolarum	Blue-green algae	POP	POP	ABND	LOEC		Aquatic	NR	FW	4	wk	28	d	A	151 TO 156	ug/L
287	330552	Linuron	1064	Cyanophycota	Cyanophyceae	Nostocales	Oscillatoriaceae	Phormidium	foveolarum	Blue-green algae	POP	POP	ABND	NOEC		Aquatic	NR	FW	4	wk	28	d	A	50.4 TO 50.9	ug/L
288	330552	Linuron	1064	Cyanophycota	Cyanophyceae	Nostocales	Oscillatoriaceae	Phormidium	foveolarum	Blue-green algae	POP	POP	ABND	NOEC	LOEC	aquatic	NR	FW	4	wk	28	d	A	50	ug/L
289	330552	Linuron	1064	Cyanophycota	Cyanophyceae	Nostocales	Oscillatoriaceae	Phormidium	foveolarum	Blue-green algae	POP	POP	ABND	NOEC	LOEC	aquatic	NR	FW	11	wk	77	d	A	50	ug/L
290	330552	Linuron	7515	Cyanophycota	Cyanophyceae	Nostocales	Nostocaceae	Anabaena	torulosa	Cyanobacteria	POP	POP	ABND	LOAEL		aquatic	NR	FW	20	d	20	d	A	20	ug/L
291	330552	Linuron	7676	Fungi	NR	NR	NR	NR	Fungi	Fungi Kingdom	POP	POP	ABND	LOAEL		terrestrial	NR	ART	10	h	0.416667	d	F	24	mg/ml
292	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalli	Waterweed, ditchmoss	POP	POP	BMAS	EC50		Aquatic	Plant	FW	3	wk	21	d	A	75	ug/L
293	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalli	Waterweed, ditchmoss	POP	POP	BMAS	NOEC		Aquatic	Plant	FW	4	wk	28	d	A	14.7	ug/L
294	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalli	Waterweed, ditchmoss	POP	POP	BMAS	LOEC		Aquatic	Plant	FW	4	wk	28	d	A	50.4 TO 50.9	ug/L
295	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalli	Waterweed, ditchmoss	POP	POP	BMAS	LOEC		Aquatic	Plant	FW	3	wk	21	d	A	4.92 TO 4.93	ug/L
296	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalli	Waterweed, ditchmoss	POP	POP	GPOP	EC50		Aquatic	Plant	FW	3	wk	21	d	A	2.5	ug/L
297	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalli	Waterweed, ditchmoss	POP	POP	BMAS	NOEC		Aquatic	Plant	FW	3	wk	21	d	A	0.45 TO 0.46	ug/L
298	330552	Linuron	1087	Magnoliophyta	Magnoliopsida	Haloragales	Haloragaceae	Myriophyllum	spicatum	Eurasian watermilfoil	POP	POP	BMAS	IC50		Aquatic	Plant	SW	5	wk	35	d	A	137	ppb
299	330552	Linuron	1087	Magnoliophyta	Magnoliopsida	Haloragales	Haloragaceae	Myriophyllum	spicatum	Eurasian watermilfoil	POP	POP	PSYN	IC50		Aquatic	Plant	SW	5	wk	35	d	A	80	ppb
300	330552	Linuron	1282	Magnoliophyta	Liliopsida	Najadales	Potamogetonaceae	Potamogeton	perfoliatus	Pondweed	POP	POP	PSYN	IC50		Aquatic	Plant	SW	5	wk	35	d	A	45	ppb
301	330552	Linuron	1282	Magnoliophyta	Liliopsida	Najadales	Potamogetonaceae	Potamogeton	perfoliatus	Pondweed	POP	POP	BMAS	IC50		Aquatic	Plant	SW	5	wk	35	d	A	61	ppb
302	330552	Linuron	1282	Magnoliophyta	Liliopsida	Najadales	Potamogetonaceae	Potamogeton	perfoliatus	Pondweed	POP	POP	BMAS	IC1		Aquatic	Plant	SW	5	wk	35	d	A	1	ppb
303	330552	Linuron	1282	Magnoliophyta	Liliopsida	Najadales	Potamogetonaceae	Potamogeton	perfoliatus	Pondweed	POP	POP	PSYN	IC1		Aquatic	Plant	SW	5	wk	35	d	A	2	ppb
304	330552	Linuron	1282	Magnoliophyta	Liliopsida	Najadales	Potamogetonaceae	Potamogeton	perfoliatus	Pondweed	POP	POP	PSYN	IC1		Aquatic	Plant	SW	4	wk	28	d	A	4	ppb
305	330552	Linuron	1087	Magnoliophyta	Magnoliopsida	Haloragales	Haloragaceae	Myriophyllum	spicatum	Eurasian watermilfoil	POP	POP	BMAS	IC1		Aquatic	Plant	SW	5	wk	35	d	A	16	ppb
306	330552	Linuron	1087	Magnoliophyta	Magnoliopsida	Haloragales	Haloragaceae	Myriophyllum	spicatum	Eurasian watermilfoil	POP	POP	PSYN	IC1		Aquatic	Plant	SW	5	wk	35	d	A	8	ppb
307	330552	Linuron	1087	Magnoliophyta	Magnoliopsida	Haloragales	Haloragaceae	Myriophyllum	spicatum	Eurasian watermilfoil	POP	POP	PSYN	IC1		Aquatic	Plant	SW	4	wk	28	d	A	11	ppb
308	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalli	Waterweed, ditchmoss	POP	POP	BMAS	NOEC	LOEC	aquatic	Plant	FW	3	wk	21	d	A	0.5	ug/L
309	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalli	Waterweed, ditchmoss	POP	POP	BMAS	EC50		aquatic	Plant	FW	3	wk	21	d	A	75(45 TO 124)	ug/L
310	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalli	Waterweed, ditchmoss	POP	POP	PGRT	EC50		aquatic	Plant	FW	3	wk	21	d	A	2.5(1.1 TO 6.0)	ug/L
311	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalli	Waterweed, ditchmoss	POP	POP	PBMS	NOEC	LOEC	aquatic	Plant	FW	4	wk	28	d	A	15	ug/L
312	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalli	Waterweed, ditchmoss	POP	POP	CHLA	NOAEL		aquatic	Plant	FW	4	wk	28	d	A	150	ug/L
313	330552	Linuron	2315	Magnoliophyta	Liliopsida	Hydrocharitales	Hydrocharitaceae	Elodea	nuttalli	Waterweed, ditchmoss	POP	POP	CHLA	NOAEL	LOAEL	aquatic	Plant	FW	11	wk	77	d	A	50	ug/L
314	330552	Linuron	507	Magnoliophyta	Liliopsida	Arales	Lemnaceae	Lemna	minor	Duckweed	POP	POP	ABND	NOEL	LOEL	aquatic	Plant	FW	7	d	7	d	A	0.01	mg/L
315	330552	Linuron	7413	Mollusca	Gastropoda	Neotaenioglossa	Bithyniidae	Bithynia	sp.	Snail	POP	POP	ABND	NOEC		Aquatic	Animal	FW	28	d	28	d	F	150	ug/L
316	330552	Linuron	899	Mollusca	Gastropoda	Basommatophora	Physidae	Physella	acuta	European physa	POP	POP	ABND	LOEC		Aquatic	Animal	FW	28	d	28	d	F	150	ug/L
317	330552	Linuron	899	Mollusca	Gastropoda	Basommatophora	Physidae	Physella	acuta	European physa	POP	POP	ABND	NOEC		Aquatic	Animal	FW	28	d	28	d	F	50	ug/L
318	330552	Linuron	899	Mollusca	Gastropoda	Basommatophora	Physidae	Physella	acuta	European physa	POP	POP	ABND	NOEC	LOEC	aquatic	Animal	FW	4	wk	28	d	F	50	ug/L
319	330552	Linuron	7413	Mollusca	Gastropoda	Neotaenioglossa	Bithyniidae	Bithynia	sp.	Snail	POP	POP	ABND	NOEC		aquatic	Animal	FW	4	wk	28	d	F	150	ug/L
320	330552	Linuron	7412	Mollusca	Gastropoda	Neotaenioglossa	Bithyniidae	Bithynia	sp.	Snail	POP	POP	ABND	NOEC		aquatic	Animal	FW	11	wk	77	d	F	150	ug/L
321	330552	Linuron	899	Mollusca	Gastropoda	Basommatophora	Physidae	Physella	acuta	European physa	POP	POP	ABND	NOEC	LOEC	aquatic	Animal	FW	11	wk	77	d	F	50	ug/L
322	330552	Linuron	7412	Mollusca	Gastropoda	Neotaenioglossa	Bithyniidae	Bithynia	sp.	Snail	POP	POP	ABND	NOAEL		aquatic	Animal	FW	13	wk	91	d	F	150	ug/L
323	330552	Linuron	899	Mollusca	Gastropoda	Basommatophora	Physidae	Physella	acuta	European physa	POP	POP	ABND	NOAEL		aquatic	Animal	FW	13	wk	91	d	F	150	ug/L
324	330552	Linuron	17955	NR	NR	NR	NR	NR	Fusarium avenaceum	NR	POP	POP	ABND	NOAEL	LOAEL	terrestrial	NR	AGR	7	d	7	d	F	8	ppm
325	330552	Linuron	7551	Plantae	NR	NR	NR	NR	Plantae	Plant kingdom	POP	POP	BMAS	NOAEL		aquatic	Plant	FW	22	wk	154	d	A	100	ug/L
326	330552	Linuron	482	Plantae	NR	NR	NR	Algae	Algae	NR	POP	POP	CHLA	NOAEL		aquatic	Plant	FW	22	wk	154	d	A	100	ug/L
327	330552	Linuron	1350	Platyhelminthes	Turbellaria	Tricladida	Planariidae	Dugesia	gonocephala	Turbellarian, flatworm	POP	POP	ABND	NOEC		Aquatic	Animal	FW	28	d	28	d	F	150	ug/L
328	330552	Linuron	757	Platyhelminthes	Turbellaria	Tricladida	Planariidae	Dugesia	sp.	Turbellarian, flatworm	POP	POP	ABND	NOEC		aquatic	Animal	FW	4	wk	28	d	F	150	ug/L
329	330552	Linuron	757	Platyhelminthes	Turbellaria	Tricladida	Planariidae	Dugesia	sp.	Turbellarian, flatworm	POP	POP	ABND	NOEC	LOEC	aquatic	Animal	FW	11	wk	77	d	F	15	ug/L

	Conc Value1 Purity Adjusted	Conc Value1 Operator	Conc Value1 Preferred	Conc Value2 Orig	Conc Value2 Purity Adjusted	Conc Value2 Operator	Conc Value2 Preferred	Conc Units Preferred	Number of Conc	pH	Hardness	Hardness Unit	Organic Matter Value	Organic Matter Unit	Organic Matter Type	% Purity	Test Loc	Exp Type	Test ID	Ref #	Author	Title	Source	Publication Year	Comments
269	2(1 TO 3.9)		0.002(0.0 01 TO 0.0039)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/axenic// EXPDUR/other durations also reported// EE/relative volume// EDES/alginate beads//
270	0.9(0 TO 22.7)		0.0009(0 TO 0.0227)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/axenic// EXPDUR/other durations also reported// EE/relative volume// EDES/free cell suspension//
271	5.4(4.6 TO 6.3)		0.0054(0. 0046 TO 0.0063)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/axenic// EXPDUR/other durations also reported// EE/relative volume// EDES/free cell suspension//
272	30.3(22.7 TO 40.5)		0.0303(0. 0227 TO 0.0405)					mg/L	6							100	Lab	S	NO	72828	Snel JFH;Vos JH;Gylstra R;Brock TCM;	Inhibition of Photosystem II (PSII) Electron Transport as a Convenient Endpoint to Assess Stress of the Herbicide Linuron on Freshwater Plants	32(2): 113-123	1998	ORG/axenic// EXPDUR/other durations also reported// EE/relative volume// EDES/free cell suspension//
273		5	5	15	15		15	ug/L	4							100	Field	EN	NO	5508	Van Geest GJ;Zwaardemaker NG;Van Wijngaarden RPA;Cuppen JGM;	Effects of a Pulsed Treatment with the Herbicide Atalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Structural Responses	Environ Toxicol Chem 18(12): 2866-2874	1999	ORG/phytoplankton// EXPDUR/other durations also reported// EDES/mesocosm study, after the first two treatments the water was left static for 7 days, then slowly flushed for 3 weeks, flow was maintained after the third treatment, nominal concentrations were 0.5/5.0/15/50 ug/L// GENERAL/measured concentration values were from graph//
274		15	15	50	50		50	ug/L	4							100	Field	EN	NO	5508	Van Geest GJ;Zwaardemaker NG;Van Wijngaarden RPA;Cuppen JGM;	Effects of a Pulsed Treatment with the Herbicide Atalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. II. Structural Responses	Environ Toxicol Chem 18(12): 2866-2874	1999	EDES/mesocosm study, after the first two treatments the water was left static for 7 days, then slowly flushed for 3 weeks, flow was maintained after the third treatment, nominal concentrations were 0.5/5.0/15/50 ug/L// GENERAL/measured concentration values were from graph//
275		50	50					mg/kg bdwt	3							100	Lab	GV	NO	68642	McIntyre BS;Barlow NJ;Wallace DG;Maness SC;Gaido KW;Foster PMD;	Effects of In Utero Exposure to Linuron on Androgen-Dependent Reproductive Development in the Male CF(CDS)DBR Rat	Toxicol Appl Pharmacol 167(2): 87-99	2000	ORG/pregnant GD 12// EXPDUR/GD 12 to PND 21. // EE/F1// GENERAL/Also reported, histological findings in offspring also reported without stats.//
276		50	0.05	150	150		0.15	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	ORG/periphyton// EE/biovolume// EDES/microcosm exposure, measured replicate concentrations reported, glass slide substrate//
277		50	0.05	150	150		0.15	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	ORG/phytoplankton// EDES/microcosm exposure, measured replicate concentrations reported. //
278		50	0.05	150	150		0.15	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	ORG/inoculum// EDES/microcosm exposure, measured replicate concentration reported, toxicant renewewd 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
279		15	0.015	50	50		0.05	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University, Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	ORG/periphyton// EDES/microcosm exposure, measured replicate concentrations reported, toxicant renewewd 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks, glass slide substrate//
280		150	0.15					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	ORG/phytoplankton// EDES/microcosm exposure, measured replicate concentrations reported, toxicant renewewd 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
281		0.5	0.5	5	5		5	ug/L	4							100	Field	EN	NO	5508	Van Geest GJ;Zwaardemaker NG;Van Wijngaarden RPA;Cuppen JGM;	Effects of a Pulsed Treatment with the Herbicide Atalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. II. Structural Responses	Environ Toxicol Chem 18(12): 2866-2874	1999	ORG/phytoplankton// EXPDUR/other durations also reported// EDES/mesocosm study, after the first two treatments the water was left static for 7 days, then slowly flushed for 3 weeks, flow was maintained after the third treatment, nominal concentrations were 0.5/5.0/15/50 ug/L// GENERAL/measured concentration values were from graph//
282	4.92 TO 4.93		0.00492 TO 0.00493					mg/L							NR	100	LAB	R	169442	18629	Van den Brink PJ;Hartgers EM;Fetweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	CHAR/AFALON, LINURON//
283	0.45 TO 0.46		0.00045 TO 0.00046					mg/L							NR	100	LAB	R	169443	18629	Van den Brink PJ;Hartgers EM;Fetweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	CHAR/AFALON, LINURON//
284		0.5	0.0005	5	5		0.005	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EDES/microcosm exposure, measured replicate concentrations reported//
285		150	0.15					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EDES/microcosm exposure, measured replicate concentrations reported toxicant renewewd 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
286	151 TO 156		0.151 TO 0.156					mg/L							NR	100	LAB	R	169441	18629	Van den Brink PJ;Hartgers EM;Fetweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	CHAR/AFALON, LINURON// GENERAL/DEF/RECOVERY, FATE, DELAYED NOEC//
287	50.4 TO 50.9		0.0504 TO 0.0509					mg/L							NR	100	LAB	R	169440	18629	Van den Brink PJ;Hartgers EM;Fetweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	CHAR/AFALON, LINURON//
288		50	0.05	150	150		0.15	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EDES/microcosm exposure, measured replicate concentrations reported//
289		50	0.05	150	150		0.15	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EDES/microcosm exposure, measured replicate concentrations reported toxicant renewewd 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
290		20	0.02					mg/L	3							97	Field	S	NO	95475	Slijkerman DME;Moreira-Santos M;Jak RG;Ribeiro R;Soares AMVM;Van Straalen NM;	Functional and Structural Impact of Linuron on a Freshwater Community of Primary Producers: The Use of Immobilized Algae	Environ Toxicol Chem 24(10): 2477-2485	2005	EXPDUR/Other durations also reported// EE/Other phytoplankton specie population effects also reported.// EDES/Testing took place in an outdoor model ecosystem. Measured concentrations reported but not used in results. Water chemistry parameters varied during the test period and over different concentrations.// GENERAL/Macrophyte growth also reported.//
291		12	12000					ppm	1							50	Lab	DA	NO	95481	Brown SL;Curl EA;	Rhizosphere Effect of Herbicide-Stressed Sicklepod (Cassia obtusifolia) on Chlamydospores of Fusarium oxysporum f. sp. Vasinfectum	Plant Dis 71(10): 919-922	1987	ORG/except Fusarium sp.// EE/chlamydospore production also reported// EDES/rhizosphere soil exudate from treated sicklepod plants was used as test medium //
292		75	0.075					mg/L							NR	100	LAB	R	169434	18629	Van den Brink PJ;Hartgers EM;Fetweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	ORG/4 G// CHAR/AFALON, LINURON//
293	14.7		0.0147					mg/L							NR	100	LAB	R	169436	18629	Van den Brink PJ;Hartgers EM;Fetweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	ORG/4 G// EXPDUR/Measurement taken during recovery period// EE/STANDING CROP, DELAYED EFFECT// CHAR/AFALON, LINURON//
294	50.4 TO 50.9		0.0504 TO 0.0509					mg/L							NR	100	LAB	R	169437	18629	Van den Brink PJ;Hartgers EM;Fetweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	ORG/4 G// EXPDUR/Measurement taken during recovery period// EE/STANDING CROP, DELAYED EFFECT// CHAR/AFALON, LINURON// GENERAL/DEF/RECOVERY, FATE///
295	4.92 TO 4.93		0.00492 TO 0.00493					mg/L							NR	100	LAB	R	169433	18629	Van den Brink PJ;Hartgers EM;Fetweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	ORG/4 G// CHAR/AFALON, LINURON//
296		2.5	0.0025					mg/L							NR	100	LAB	R	169435	18629	Van den Brink PJ;Hartgers EM;Fetweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	ORG/4 G// EE/RELATIVE GROWTH RATE// CHAR/AFALON, LINURON//
297	0.45 TO 0.46		0.00045 TO 0.00046					mg/L							NR	100	LAB	R	169432	18629	Van den Brink PJ;Hartgers EM;Fetweis U;Crum SJH;Van Donk E;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron I. Primary Producers	Ecotoxicol Environ Saf 38(1): 13-24	1997	ORG/4 G// EDES/SEDIMENT// CHAR/AFALON, LINURON// GENERAL/DEF/RECOVERY, FATE///
298		137	0.137					mg/L							NR	100	LAB	S	225527	69627	Kemp WM;Boynton WR;Stevenson JC;Means JC;Twilley RR;Jones TW;	Submerged Aquatic Vegetation in Upper Chesapeake Bay: Studies Related to Possible Causes of the Recent Decline in Abundance	Final Rep , U S EPA, Annapolis, MD(): 202 p.-	1984	ORG/6-14 CM STEM LENGTH, 2-6 CM RHIZOME// EE/STATS BASED ON V CONTROL// EDES/RECIRCULATING SYSTEM// GENERAL/DEF/MIXTURE IC1, IC50 CONTRC,VII//
299		80	0.08					mg/L							NR	100	LAB	S	225526	69627	Kemp WM;Boynton WR;Stevenson JC;Means JC;Twilley RR;Jones TW;	Submerged Aquatic Vegetation in Upper Chesapeake Bay: Studies Related to Possible Causes of the Recent Decline in Abundance	Final Rep , U S EPA, Annapolis, MD(): 202 p.-	1984	ORG/6-14 CM STEM LENGTH, 2-6 CM RHIZOME// EE/STATS BASED ON V CONTROL// EDES/RECIRCULATING SYSTEM// GENERAL/DEF/MIXTURE IC1, IC50 CONTRC,VII//
300		45	0.045					mg/L							NR	100	LAB	S	225525	69627	Kemp WM;Boynton WR;Stevenson JC;Means JC;Twilley RR;Jones TW;	Submerged Aquatic Vegetation in Upper Chesapeake Bay: Studies Related to Possible Causes of the Recent Decline in Abundance	Final Rep , U S EPA, Annapolis, MD(): 202 p.-	1984	ORG/6-14 CM STEM LENGTH, 2-6 CM RHIZOME// EE/STATS BASED ON V CONTROL// EDES/RECIRCULATING SYSTEM// GENERAL/DEF/MIXTURE IC1, IC50 CONTRC,VII//
301		61	0.061					mg/L							NR	100	LAB	S	225528	69627	Kemp WM;Boynton WR;Stevenson JC;Means JC;Twilley RR;Jones TW;	Submerged Aquatic Vegetation in Upper Chesapeake Bay: Studies Related to Possible Causes of the Recent Decline in Abundance	Final Rep , U S EPA, Annapolis, MD(): 202 p.-	1984	ORG/6-14 CM STEM LENGTH, 2-6 CM RHIZOME// EE/STATS BASED ON V CONTROL// EDES/RECIRCULATING SYSTEM// GENERAL/DEF/MIXTURE IC1, IC50 CONTRC,VII//
302		1	0.001					mg/L							NR	100	LAB	S	225538	69627	Kemp WM;Boynton WR;Stevenson JC;Means JC;Twilley RR;Jones TW;	Submerged Aquatic Vegetation in Upper Chesapeake Bay: Studies Related to Possible Causes of the Recent Decline in Abundance	Final Rep , U S EPA, Annapolis, MD(): 202 p.-	1984	ORG/6-14 CM STEM LENGTH, 2-6 CM RHIZOME// EE/STATS BASED ON V CONTROL// EDES/RECIRCULATING SYSTEM// GENERAL/DEF/MIXTURE IC1, IC50 CONTRC,VII//
303		2	0.002					mg/L							NR	100	LAB	S	225535	69627	Kemp WM;Boynton WR;Stevenson JC;Means JC;Twilley RR;Jones TW;	Submerged Aquatic Vegetation in Upper Chesapeake Bay: Studies Related to Possible Causes of the Recent Decline in Abundance	Final Rep , U S EPA, Annapolis, MD(): 202 p.-	1984	ORG/6-14 CM STEM LENGTH, 2-6 CM RHIZOME// EE/STATS BASED ON V CONTROL// EDES/RECIRCULATING SYSTEM// GENERAL/DEF/MIXTURE IC1, IC50 CONTRC,VII//
304		4	0.004					mg/L							NR	100	LAB	S	225533	69627	Kemp WM;Boynton WR;Stevenson JC;Means JC;Twilley RR;Jones TW;	Submerged Aquatic Vegetation in Upper Chesapeake Bay: Studies Related to Possible Causes of the Recent Decline in Abundance	Final Rep , U S EPA, Annapolis, MD(): 202 p.-	1984	ORG/6-14 CM STEM LENGTH, 2-6 CM RHIZOME// EE/STATS BASED ON V CONTROL// EDES/RECIRCULATING SYSTEM// GENERAL/DEF/MIXTURE IC1, IC50 CONTRC,VII//
305		16	0.016					mg/L							NR	100	LAB	S	225537	69627	Kemp WM;Boynton WR;Stevenson JC;Means JC;Twilley RR;Jones TW;	Submerged Aquatic Vegetation in Upper Chesapeake Bay: Studies Related to Possible Causes of the Recent Decline in Abundance	Final Rep , U S EPA, Annapolis, MD(): 202 p.-	1984	ORG/6-14 CM STEM LENGTH, 2-6 CM RHIZOME// EE/STATS BASED ON V CONTROL// EDES/RECIRCULATING SYSTEM// GENERAL/DEF/MIXTURE IC1, IC50 CONTRC,VII//
306		8	0.008					mg/L							NR	100	LAB	S	225536	69627	Kemp WM;Boynton WR;Stevenson JC;Means JC;Twilley RR;Jones TW;	Submerged Aquatic Vegetation in Upper Chesapeake Bay: Studies Related to Possible Causes of the Recent Decline in Abundance	Final Rep , U S EPA, Annapolis, MD(): 202 p.-	1984	ORG/6-14 CM STEM LENGTH, 2-6 CM RHIZOME// EE/STATS BASED ON V CONTROL// EDES/RECIRCULATING SYSTEM// GENERAL/DEF/MIXTURE IC1, IC50 CONTRC,VII//
307		11	0.011					mg/L							NR	100	LAB	S	225534	69627	Kemp WM;Boynton WR;Stevenson JC;Means JC;Twilley RR;Jones TW;	Submerged Aquatic Vegetation in Upper Chesapeake Bay: Studies Related to Possible Causes of the Recent Decline in Abundance	Final Rep , U S EPA, Annapolis, MD(): 202 p.-	1984	ORG/6-14 CM STEM LENGTH, 2-6 CM RHIZOME// EE/STATS BASED ON V CONTROL// EDES/RECIRCULATING SYSTEM// GENERAL/DEF/MIXTURE IC1, IC50 CONTRC,VII//
308		0.5	0.0005	5	5		0.005	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EDES/microcosm bioassay, measured replicate concentrations reported//
309	75(45 TO 124)		0.075(0.0 45 TO 0.124)					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EDES/microcosm bioassay, measured replicate concentrations reported//
310	7.5(1.1 TO 6.0)		0.0075(0. 0011 TO 0.006)					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EE/relative growth// EDES/microcosm bioassay, measured replicate concentrations reported//
311		15	0.015	50	50		0.05	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EE/standing stock// EDES/microcosm exposure, measured replicate concentrations reported//
312		150	0.15					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	ORG/periphyton// EDES/microcosm exposure, measured replicate concentrations reported. //
313		50	0.05	150	150		0.15	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	ORG/periphyton// EDES/microcosm exposure, measured replicate concentrations reported, toxicant renewewd 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
314		0.01	0.01	0.02	0.02		0.02	mg/L	8	6.5*						99	Lab	S	NO	72754	Hulsen K;Hofte M;	The Microbial Degradation of nM-mixtoM Concentrations of Linuron Estimated by a Lemna minor Bioassay	Proc of a Symp on Pesticide Behaviour in Soils and Water, Organized by the British Crop Protection Council, Nov 13-15, 2001, No 78, Brighton, U K (): -	2001	ORG/frond// EE/number of fronds// GENERAL/bacterial effects also reported//
315		150	0.15					mg/L		>7 to<10					NR	100	LAB	S	205866	18636	Cuppen JGM;Van den Brink PJ;Van der Woude H;Zwaardemaker N;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron II. Community Metabolism and Invertebrates	Ecotoxicol Environ Saf 38(1): 25-35	1997	EDES/SEDIMENT// CHAR/AFALON, LINURON// GENERAL/DEF/RECOVERY, DECOMPOSITION ALK,DO,PH/FROM GRAPH///
316		150	0.15					mg/L		>7 to<10					NR	100	LAB	S	48379	18636	Cuppen JGM;Van den Brink PJ;Van der Woude H;Zwaardemaker N;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron II. Community Metabolism and Invertebrates	Ecotoxicol Environ Saf 38(1): 25-35	1997	EDES/SEDIMENT// CHAR/AFALON, LINURON// GENERAL/DEF/RECOVERY, DECOMPOSITION DO,PH/FROM GRAPH/ALK/>0.50-<2.00 MEQ/L, FROM GRAPH/// >
317		50	0.05					mg/L		>7 to<10					NR	100	LAB	S	48380	18636	Cuppen JGM;Van den Brink PJ;Van der Woude H;Zwaardemaker N;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron II. Community Metabolism and Invertebrates	Ecotoxicol Environ Saf 38(1): 25-35	1997	EDES/SEDIMENT// CHAR/AFALON, LINURON// GENERAL/DEF/RECOVERY, DECOMPOSITION DO,PH/FROM GRAPH/ALK/>0.50-<2.00 MEQ/L, FROM GRAPH/// >
318		50	0.05	150	150		0.15	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EDES/microcosm exposure//
319		150	0.15					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EDES/microcosm exposure//
320		150	0.15					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EDES/microcosm exposure, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
321		50	0.05	150	150		0.15	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EDES/microcosm exposure, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
322		150	0.15					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EDES/microcosm exposure, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
323		150	0.15					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EDES/microcosm exposure, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
324		8	8	16	16		16	ppm	8	7.0*						100	Lab	C/M	NO	95663	Leach SS;Murdoch CW;Gordon C;	Response of Selected Soilborne Fungi and Bacteria to Herbicides Utilized in Potato Crop Management Systems in Maine	68(5): 269-278	1991	EE/as determined by radial growth//
325		100	100					ug/L	4							100	Field	EN	NO	5508	Van Geest GJ;Zwaardemaker NG;Van Wijngaarden RPA;Cuppen JGM;	Effects of a Pulsed Treatment with the Herbicide Atalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. II. Structural Responses	Environ Toxicol Chem 18(12): 2866-2874	1999	ORG/12 species of aquatic macrophytes// EXPDUR/other durations also reported// EDES/mesocosm study, after the first two treatments the water was left static for 7 days, then slowly flushed for 3 weeks, flow was maintained after the third treatment, nominal concentrations were 0.5/5.0/15/50 ug/L// GENERAL/measured concentration values were from graph//
326		100	100					ug/L	4							100	Field	EN	NO	5508	Van Geest GJ;Zwaardemaker NG;Van Wijngaarden RPA;Cuppen JGM;	Effects of a Pulsed Treatment with the Herbicide Atalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. II. Structural Responses	Environ Toxicol Chem 18(12): 2866-2874	1999	ORG/periphyton// EXPDUR/other durations also reported// EE/no clear dose response// EDES/mesocosm study, after the first two treatments the water was left static for 7 days, then slowly flushed for 3 weeks, flow was maintained after the third treatment, nominal concentrations were 0.5/5.0/15/50 ug/L// GENERAL/measured concentration values were from graph//
327		150	0.15					mg/L		>7 to<10					NR	100	LAB	S	169946	18636	Cuppen JGM;Van den Brink PJ;Van der Woude H;Zwaardemaker N;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron II. Community Metabolism and Invertebrates	Ecotoxicol Environ Saf 38(1): 25-35	1997	EDES/SEDIMENT// CHAR/AFALON, LINURON// GENERAL/DEF/RECOVERY, DECOMPOSITION DO,PH/FROM GRAPH/ALK/>0.50-<2.00 MEQ/L, FROM GRAPH/// >
328		150	0.15					mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EDES/microcosm exposure//
329		15	0.015	50	50		0.05	mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713);	2002	EDES/microcosm exposure, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//

	CAS Number	Chemical Name	Species Number	Phylum	Class	Order	Family	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Habitat	Plant/Animal	Media	Dur Orig	Dur Unit Orig	Dur Preferred	Dur Unit Preferred	Conc Type	Conc Value1 Orig	Conc Units Orig
330	330552	Linuron	531	Platyhelminthes	Turbellaria	Tricladida	Planariidae	Dugesia	tigrina	Turbellarian, flatworm	POP	POP	ABND	NOAEL		aquatic	Animal	FW	13	wk	91	d	F	150	ug/L
331	330552	Linuron	148	Rotifera	NR	NR	NR	NR	Rotifera	Rotifer phylum	POP	POP	ABND	LOEC		Aquatic	Animal	FW	28	d	28	d	F	15	ug/L
332	330552	Linuron	148	Rotifera	NR	NR	NR	NR	Rotifera	Rotifer phylum	POP	POP	ABND	NOEC		Aquatic	Animal	FW	28	d	28	d	F	5	ug/L
333	330552	Linuron	148	Rotifera	NR	NR	NR	NR	Rotifera	Rotifer phylum	POP	POP	ABND	NOEC	LOEC	aquatic	Animal	FW	4	wk	28	d	F	5	ug/L
334	330552	Linuron	148	Rotifera	NR	NR	NR	NR	Rotifera	Rotifer phylum	POP	POP	ABND	NOEC	LOEC	aquatic	Animal	FW	11	wk	77	d	F	50	ug/L
335	330552	Linuron	5	Arthropoda	Branchiopoda	Diplostraca	Daphniidae	Daphnia	magna	Water flea	REP	REP	FCND	NOAEL		aquatic	Animal	FW	6	d	6	d	F	100	ug/L
338	330552	Linuron	17953	Ascomycota	Sordariomycetes	Diaporthales	Valsaceae	Phomopsis	amaranthicola	Fungus	REP	REP	GERM	LOAEL		terrestrial	NR	AGR	24.3	h	1.0125	d	F	0.85	kg/ha
337	330552	Linuron	17952	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Fusarium	oxysporum	Fungi	REP	REP	SEPD	NOAEL		terrestrial	NR	ART	10	h	0.416667	d	F	24	mg/ml
338	330552	Linuron	17952	Ascomycota	Sordariomycetes	Hypocreales	Nectriaceae	Fusarium	oxysporum	Fungi	REP	REP	GERM	LOAEL		terrestrial	NR	ART	10	h	0.416667	d	F	24	mg/ml
339	330552	Linuron	17953	Ascomycota	Sordariomycetes	Diaporthales	Valsaceae	Phomopsis	amaranthicola	Fungus	REP	REP	GERM	LOAEL		terrestrial	NR	AGR	24.3	h	1.0125	d	F	0.85	kg/ha
340	330552	Linuron	17951	Basidiomycota	Urediniomycetes	Uredinales	Pucciniaceae	Puccinia	lagenophorae	Fungus	REP	REP	GREP	LOAEL		terrestrial	NR	LIT	>=15	h	>=0.625	d	A	25	AI ug/ml
341	330552	Linuron	17951	Basidiomycota	Urediniomycetes	Uredinales	Pucciniaceae	Puccinia	lagenophorae	Fungus	REP	REP	GREP	LOAEL		terrestrial	NR	LIT	>=15	h	>=0.625	d	A	25	AI ug/ml
342	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	REP	REP	PROG	LOAEL		terrestrial	Animal	NONE	9	d	9	d	A	75	mg/kg/d
343	330552	Linuron	4510	Chordata	Mammalia	Rodentia	Muridae	Rattus	norvegicus	Norway rat	REP	REP	LBIX	NOAEL		terrestrial	Animal	NONE	9	d	9	d	F	50	mg/kg/d
344	330552	Linuron	5229	Chordata	Aves	Galliformes	Phasianidae	Gallus	sp.	Chicken	REP	AEG	VIAB	NOAEL		terrestrial	Animal	NONE	NA	ht	NA	ht	F	30	%
345	330552	Linuron	5229	Chordata	Aves	Galliformes	Phasianidae	Gallus	sp.	Chicken	REP	AEG	VIAB	NOAEL		terrestrial	Animal	NONE		ht	NR	ht	F	30	%
346	330552	Linuron	5229	Chordata	Aves	Galliformes	Phasianidae	Gallus	sp.	Chicken	REP	AEG	VIAB	LOAEL	NOAEL	terrestrial	Animal	NONE		ht	NR	ht	F	30	%
347	330552	Linuron	4491	Chordata	Mammalia	Lagomorpha	Leporidae	Oryctolagus	cuniculus	European rabbit	REP	REP	PREG	NOAEL		terrestrial	Animal	NONE	21	d	21	d	F	125	mg/kg
348	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	SIRES	NOEC		Aquatic	NR	FW	2	wk	14	d	F	15	ug/L
349	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	GPPR	EC50		Aquatic	NR	FW	2	wk	14	d	F	38	ug/L
350	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	SIRES	NOEC		Aquatic	NR	FW	3	wk	21	d	F	50	ug/L
351	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	SIRES	NOEC		Aquatic	NR	FW	1	wk	7	d	F	50	ug/L
352	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	GPPR	NOEC		Aquatic	NR	FW	3	wk	21	d	F	5	ug/L
353	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	GPPR	NOEC		Aquatic	NR	FW	1	wk	7	d	F	5	ug/L
354	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	SIRES	NOEC		Aquatic	NR	FW	3	wk	21	d	F	0.5	ug/L
355	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	SIRES	NOEC		Aquatic	NR	FW	1	wk	7	d	F	5	ug/L
356	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	SIRES	LOEC		Aquatic	NR	FW	3	wk	21	d	F	5	ug/L
357	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	SIRES	LOEC		Aquatic	NR	FW	1	wk	7	d	F	15	ug/L
358	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	GPPR	EC50		Aquatic	NR	FW	1	wk	7	d	F	21	ug/L
359	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	PPRO	LOEC		Aquatic	NR	FW	2	wk	14	d	F	50	ug/L
360	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	SIRES	LOEC		Aquatic	NR	FW	3	wk	21	d	F	50	ug/L
361	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	SIRES	LOEC		Aquatic	NR	FW	1	wk	7	d	F	50	ug/L
362	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	GPPR	LOEC		Aquatic	NR	FW	2	wk	14	d	F	15	ug/L
363	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	GPPR	EC50		Aquatic	NR	FW	3	wk	21	d	F	80	ug/L
364	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	SIRES	NOEC		Aquatic	NR	FW	3	wk	21	d	F	15	ug/L
365	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	SIRES	NOEC		Aquatic	NR	FW	1	wk	7	d	F	15	ug/L
366	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	SIRES	NOEC		Aquatic	NR	FW	2	wk	14	d	F	50	ug/L
367	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	GPPR	NOEC		Aquatic	NR	FW	2	wk	14	d	F	5	ug/L
368	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	SIRES	NOEC		Aquatic	NR	FW	2	wk	14	d	F	5	ug/L
369	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	SIRES	LOEC		Aquatic	NR	FW	2	wk	14	d	F	15	ug/L
370	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	PPRO	LOEC		Aquatic	NR	FW	3	wk	21	d	F	50	ug/L
371	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	PPRO	LOEC		Aquatic	NR	FW	1	wk	7	d	F	50	ug/L

	Conc Value1 Purity Adjusted	Conc Value1 Operator	Conc Value1 Preferred	Conc Value2 Orig	Conc Value2 Purity Adjusted	Conc Value2 Operator	Conc Value2 Preferred	Conc Units Preferred	Number of Conc	pH	Hardness	Hardness Unit	Organic Matter Value	Organic Matter Unit	Organic Matter Type	% Purity	Test Loc	Exp Type	Test ID	Ref #	Author	Title	Source	Publication Year	Comments
330		150						mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
331		15						mg/L	>7 to<10						NR	100	LAB	S	169948	18636	Cuppen JGM;Van den Brink PJ;Van der Woude H;Zwaardemaker N;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron II. Community Metabolism and Invertebrates	Ecotoxicol Environ Saf 38(1): 25-35	1997	EDES/SEDIMENT// CHAR/AFALON, LINURON// GENERAL/OEF/RECOVERY, DECOMPOSITION DO,PH/FROM GRAPH//ALK/>0.50-<2.00 MEQ/L, FROM GRAPH/IS//// >
332		5						mg/L	>7 to<10						NR	100	LAB	S	169947	18636	Cuppen JGM;Van den Brink PJ;Van der Woude H;Zwaardemaker N;Brock TCM;	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron II. Community Metabolism and Invertebrates	Ecotoxicol Environ Saf 38(1): 25-35	1997	EDES/SEDIMENT// CHAR/AFALON, LINURON// GENERAL/OEF/RECOVERY, DECOMPOSITION DO,PH/FROM GRAPH//ALK/>0.50-<2.00 MEQ/L, FROM GRAPH// /// >
333		5		0.005	15	15		mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure//
334		50		0.05	150	150		mg/L	5							100	Lab	R	NO	96385	Van den Brink PJ;	Ecological and Statistical Evaluation of Effects of Pesticides in Freshwater Model Ecosystems	Ph D Thesis , Agricultural University Wageningen, Netherlands(): 178 p.(NTIS/PB2002103713)-	2002	EDES/microcosm exposure, toxicant renewed 2 /week for 4 weeks then remained in a static situation for an additional 7 weeks//
335		100		0.1				mg/L	nr							100	Lab	R	NO	93397	Kashian DR;Dodson SI;	Effects of Common-Use Pesticides on Developmental and Reproductive Processes in Daphnia	Toxicol Ind Health18(5): 225-235	2002	EE/male production also reported// GENERAL/alpha = 0.05//
336		0.85		0.7582				lb/acre	5							100	Lab	GM	NO	96666	Wyss GS;Chanvitatitan R;Rosskopf EN;Littell RC;	Effects of Selected Pesticides and Adjuvants on Germination and Vegetative Growth of Phomopsis amaranthicola, a Biocontrol Agent for Amaranthus spp.	Weed Res 44(6): 469-482	2004	EXPDUR/20 m in suspension followed by 24 h incubation// EE/Inhibitxc germination at all concentations// EDES/Tests performed at 0.25x, 05x , 75x, 1x, and 2x Highest Labelled product rate, based on application volume 468 L per ha, spore suspension mixed with test solution, let stand for 20 min, spread evenly on 1.4% water agar and then cultured// CHAR/Lorox DF at 500 g per kg//
337		12		12000				ppm	1							50	Lab	DA	NO	95481	Brown SL;Curl EA;	Rhizosphere Effect of Herbicide-Stressed Sicklepod (Cassia obtusifolia) on Chlamydospores of Fusarium oxysporum f. sp. Vasinfectum	Plant Dis 71(10): 919-922	1987	EE/number of chlamydospores, spore germination also reported// EDES/sterilized rhizosphere soil exudate from treated sicklepod plants was used as test medium //
338		12		12000				ppm	1							50	Lab	DA	NO	95481	Brown SL;Curl EA;	Rhizosphere Effect of Herbicide-Stressed Sicklepod (Cassia obtusifolia) on Chlamydospores of Fusarium oxysporum f. sp. Vasinfectum	Plant Dis 71(10): 919-922	1987	EE/chlamydospore production also reported// EDES/non-sterilized rhizosphere soil exudate from treated sicklepod plants was used as test medium //
339		0.85		0.7582				lb/acre	5							100	Lab	GM	NO	96666	Wyss GS;Chanvitatitan R;Rosskopf EN;Littell RC;	Effects of Selected Pesticides and Adjuvants on Germination and Vegetative Growth of Phomopsis amaranthicola, a Biocontrol Agent for Amaranthus spp.	Weed Res 44(6): 469-482	2004	ORG/Phomopsis amaranthicola// EXPDUR/20 m in suspension followed by 24 h incubation// EE/Inhibited germination at all concentations// EDES/Tests performed at 0.25x, 05x , 75x, 1x, and 2x Highest Labelled product rate, based on application volume 468 L per ha, spore suspension mixed with test solution, let stand for 20 min, spread evenly on 1.4% water agar and then cultured// CHAR/Lorox DF at 500 g per kg//
340		25		25				ppm	1							50	Lab	SP	NO	83212	Wyss GS;Muller-Scharer H;	Effects of Selected Herbicides on the Germination and Infection Process of Puccinia lagenophora, a Biocontrol Pathogen of Senecio vulgaris	Biol Control20(2): 160-166	2001	EE/fraction of spore penetration pegs formed, spore deposition also reported// EDES/host plant Senecio vulgaris was spray treated 48 hours prior to inoculation with aeciospores//
341		25		25				ppm	1							50	Lab	SP	NO	83212	Wyss GS;Muller-Scharer H;	Effects of Selected Herbicides on the Germination and Infection Process of Puccinia lagenophora, a Biocontrol Pathogen of Senecio vulgaris	Biol Control20(2): 160-166	2001	EE/fraction of spore penetration pegs formed, spore deposition also reported// EDES/host plant Senecio vulgaris was spray treated just prior to inoculation with aeciospores//
342		75		75				mg/kg bdwt	1							100	Lab	GV	NO	96068	Hotchkiss AK;	Effect of the Androgens and Antiandrogens on Sexual Differentiation in Male and Female Rats	Ph D Thesis, North Carolina State Univ ,NC(): 156 p.-	2001	ORG/Pregnant Sprague Dawley // EXPDUR/Gestation day 14 to postnatal day 2,// EE/number of implantations and pup mortality also reported.// EDES/Chapter 4, Developmental effects of linuron administered during gestation,// CHAR/Dupont lot number 225//
343		50		50				mg/kg bdwt	3							100	Lab	GV	NO	68642	McIntyre BS;Barlow NJ;Wallace DG;Maness SC;Gaido KW;Foster PMD;	Effects of In Utero Exposure to Linuron on Androgen-Dependent Reproductive Development in the Male CF(CD)SD(SPF/B Rat	Toxicol Appl Pharmacol 167(2): 87-99	2000	ORG/pregnant GD 13// EXPDUR/GD 12 to PND 21 // EE/Proportion of pups born alive, proportion of pups surviving to weaning, live pups per litter, implantation sites per litter.// GENERAL/Also reported, histological findings in offspring also reported without stats.//
344		30		30				%	4							100	Lab	MM	NO	71392	Indyk F;	The Effect of Herbicides on the Effectivity of Hen Hatching	Zool Pol 36(1-4): 33-61	1993	ORG/Leghorn x New Hapshire// EE/Number unfertilized and unviable reduced, sig dec unviable at second highest dose// EDES/30 second immersion 10th day of incubation//
345		30		30				%	4							100	Lab	MM	NO	71392	Indyk F;	The Effect of Herbicides on the Effectivity of Hen Hatching	Zool Pol 36(1-4): 33-61	1993	ORG/Leghorn x New Hapshire// EE/Number unfertilized and unviable reduced, sig dec unviable at second highest dose// EDES/30 second immersion 10th day of incubation//
346		30		30	20	20		%	4							100	Lab	MM	NO	71392	Indyk F;	The Effect of Herbicides on the Effectivity of Hen Hatching	Zool Pol 36(1-4): 33-61	1993	ORG/Leghorn x New Hapshire// EE/Number unfertilized and unviable reduced, sig dec unviable at second highest dose// EDES/30 second immersion 10th day of incubation//
347		62.5		62.5				mg/kg bdwt	3							50	Lab	GV	NO	80527	Hodge HC;Downs WL;Smith DW;Maynard EA;Clayton JW;Pease HL;	Oral Toxicity of Linuron (3,-(3,4-Dichlorophenyl)-1(Methoxy-1-Methylurea) in Rats and Dogs	Food Cosmet Toxicol 6(2): 171-183	1968	ORG/New Zealand White, 3 to 5 kg, breading dose// EE/litter size, still birth, fetus size, resorption sites also reported// EDES/dosed from gestation day 8 to 16//
348		15		0.015				mg/L	>=7 to<10						NR	100	FIELDA	E	216058	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK Measurement taken during recovery period// EE/DELAYED EFFECT// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
349		38		0.038				mg/L	>=7 to<10						NR	100	FIELDA	E	216034	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
350		50		0.05				mg/L	>=7 to<10						NR	100	FIELDA	E	216056	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK Measurement taken during recovery period// EE/DELAYED EFFECT// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//
351		50		0.05				mg/L	>=7 to<10						NR	100	FIELDA	E	216054	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//
352		5		0.005				mg/L	>=7 to<10						NR	100	FIELDA	E	216053	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
353		5		0.005				mg/L	>=7 to<10						NR	100	FIELDA	E	216051	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//
354		0.5		0.0005				mg/L	>=7 to<10						NR	100	FIELDA	E	216833	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
355		5		0.005				mg/L	>=7 to<10						NR	100	FIELDA	E	216831	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
356		5		0.005				mg/L	>=7 to<10						NR	100	FIELDA	E	216830	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
357		15		0.015				mg/L	>=7 to<10						NR	100	FIELDA	E	216828	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//
358		21		0.021				mg/L	>=7 to<10						NR	100	FIELDA	E	216033	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//
359		50		0.05				mg/L	>=7 to<10						NR	100	FIELDA	E	216046	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK Measurement taken during recovery period// EE/DELAYED EFFECT// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
360	50	>		0.05				mg/L	>=7 to<10						NR	100	FIELDA	E	216044	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
361	50	>		0.05				mg/L	>=7 to<10						NR	100	FIELDA	E	216042	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//
362		15		0.015				mg/L	>=7 to<10						NR	100	FIELDA	E	216037	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
363		80		0.08				mg/L	>=7 to<10						NR	100	FIELDA	E	216035	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
364		15		0.015				mg/L	>=7 to<10						NR	100	FIELDA	E	216059	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK Measurement taken during recovery period// EE/DELAYED EFFECT// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
365		15		0.015				mg/L	>=7 to<10						NR	100	FIELDA	E	216057	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/Measurement taken during recovery period// EE/DELAYED EFFECT// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH///
366		50		0.05				mg/L	>=7 to<10						NR	100	FIELDA	E	216055	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
367		5		0.005				mg/L	>=7 to<10						NR	100	FIELDA	E	216052	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
368		5		0.005				mg/L	>=7 to<10						NR	100	FIELDA	E	216832	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
369		15		0.015				mg/L	>=7 to<10						NR	100	FIELDA	E	216829	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
370		50		0.05				mg/L	>=7 to<10						NR	100	FIELDA	E	216047	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK Measurement taken during recovery period// EE/DELAYED EFFECT// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
371		50		0.05				mg/L	>=7 to<10						NR	100	FIELDA	E	216045	50916	Kerstäng K;Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Allalon (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/Measurement taken during recovery period// EE/DELAYED EFFECT// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHAR/LINURON// GENERAL/OEF/EC10, EC90, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH///

	CAS Number	Chemical Name	Species Number	Phylum	Class	Order	Family	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Habitat	Plant/Animal	Media	Dur Orig	Dur Unit Orig	Dur Preferred	Dur Unit Preferred	Conc Type	Conc Value1 Orig	Conc Units Orig
372	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	SRES	LOEC		Aquatic	NR	FW	2	wk	14	d	F	50	ug/L
373	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	GPPR	LOEC		Aquatic	NR	FW	3	wk	21	d	F	15	ug/L
374	330552	Linuron	1406	Community	NR	NR	NR	Aquatic	community	Aquatic community	SYS	PRS	GPPR	LOEC		Aquatic	NR	FW	1	wk	7	d	F	15	ug/L

	Conc Value1 Purity Adjusted	Conc Value1 Operator	Conc Value1 Preferred	Conc Value2 Orig	Conc Value2 Purity Adjusted	Conc Value2 Operator	Conc Value2 Preferred	Conc Units Preferred	Number of Conc	pH	Hardness	Hardness Unit	Organic Matter Value	Organic Matter Unit	Organic Matter Type	% Purity	Test Loc	Exp Type	Test ID	Ref #	Author	Title	Source	Publication Year	Comments
372	50	>	0.05					mg/L		>=7 to<10					NR	100	FIELDA	E	216043	50916	Kersting K,Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Ailaton (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHARLINURON// GENERALOEF/EC10, EC50, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WKS, EXPOSED FOR 1 WK///
373	15		0.015					mg/L		>=7 to<10					NR	100	FIELDA	E	216038	50916	Kersting K,Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Ailaton (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EXPDUR/EXPOSED FOR 1 WK, FLUSHED FOR 3 WK, EXPOSED FOR 1 WK, FLUSHED FOR 3 WK, EXPOSED FOR 1 WK// EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHARLINURON// GENERALOEF/EC10, EC50, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH//TIME/EXPOSED FOR 1 WK, FLUSHED FOR 3 WK, EXPOSED FOR 1 WK///
374	15		0.015					mg/L		>=7 to<10					NR	100	FIELDA	E	216036	50916	Kersting K,Van Wijngaarden RPA;	Effects of a Pulsed Treatment with the Herbicide Ailaton (Active Ingredient Linuron) on Macrophyte-Dominated Mesocosms. I. Responses of Ecosystem Metabolism	Environ Toxicol Chem 18(12): 2859-2865	1999	EDES/40M X 3.4M X 0.5M, TOTAL VOLUME 60 M3, PVC LINED, SYSTEM FLUSHED// CHARLINURON// GENERALOEF/EC10, EC50, RECOVERY DO/FROM GRAPH//PH/FROM GRAPH///