

Appendix C.

Outputs of Tier 1 Water Models

GENEEC: Surface Water EECs for Diphacinone

RUN No. 1 FOR Diphacinone		ON Golf Cours		* INPUT VALUES *					
RATE (#/AC) ONE(MULT)	No.APPS & INTERVAL	SOIL Koc	SOLUBIL (PPB)	APPL TYPE (%DRIFT)	NO-SPRAY (FT)	INCORP (IN)			
.003(.013)	4 2	300.0	300.0	GRANUL(	.0)	.0	.0		

FIELD AND STANDARD POND HALFLIFE VALUES (DAYS)

METABOLIC (FIELD)	DAYS UNTIL RAIN/RUNOFF	HYDROLYSIS (POND)	PHOTOLYSIS (POND-EFF)	METABOLIC (POND)	COMBINED (POND)
90.00	2	N/A	.00-	.00	180.00

GENERIC EECs (IN NANOGRAMS/LITER (PPT_r)) Version 2.0 Aug 1, 2001

PEAK GEEC	MAX 4 DAY AVG GEEC	MAX 21 DAY AVG GEEC	MAX 60 DAY AVG GEEC	MAX 90 DAY AVG GEEC
483.36	480.98	467.79	439.52	419.52

SCIGROW: Ground Water EECs for Diphacinone

SCIGROW

VERSION 2.3
ENVIRONMENTAL FATE AND EFFECTS DIVISION
OFFICE OF PESTICIDE PROGRAMS
U.S. ENVIRONMENTAL PROTECTION AGENCY
SCREENING MODEL
FOR AQUATIC PESTICIDE EXPOSURE

SciGrow version 2.3
chemical:Diphacinone
time is 3/10/2011 9:24:31

Application rate (lb/acre)	Number of applications	Total Use (lb/acre/yr)	Koc (ml/g)	Soil Aerobic metabolism (days)
0.003	4.0	0.014	3.00E+02	90.0

groundwater screening cond (ppb) = 4.75E-03
