

Hennen Cummings

Pesticide Leaching in Fallow Ground and Turf Systems after 120 days in Summer. (02-HC01)

Depth	Simazine Princep		Prodiamine Barricade		Pronamide Kerb		Fipronil Chipco Choice		Imazaquin Image	
	Rep 1 (mg/kg)	Rep 2 (mg/kg)	Rep 1 (mg/kg)	Rep 2 (mg/kg)	Rep 1 (mg/kg)	Rep 2 (mg/kg)	Rep 1 (mg/kg)	Rep 2 (mg/kg)	Rep 1 (mg/kg)	Rep 2 (mg/kg)
Fallow Ground (cm)										
0-2	0.020	0.026	0.196	0.374	0.191	ND	0.014 *	0.061	0.166	ND
2-4	0.175	0.018	0.046	ND	0.040	ND	0.029 *	ND	0.049	ND
4-8	0.004	0.019	0.022	0.010	ND	ND	0.019 *	ND	0.038	ND
8-15	ND	0.007	ND	ND	ND	ND	0.019 *	ND	ND	ND
15-30	ND	ND	ND	ND	NA	NA	ND	NA	ND	NA
30-45	ND	ND	ND	ND	NA	NA	ND	NA	ND	NA
45-60	ND	ND	NA	NA	NA	NA	NA	NA	ND	NA
60-91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turf (cm)										
0-2	0.009	0.057	0.153	0.749	ND	0.232	0.064	0.078	ND	ND
2-4	ND	ND	0.091	0.038	ND	0.271	0.084	0.221	ND	ND
4-8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8-15	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND
15-30	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA
30-45	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA
45-60	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
60-91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

* Unknown metabolite only detected.

Detection limit 0.005 mg/kg (parts per million).

NA Not Analyzed

ND Not Detected