Table 10. Spike recovery percentages for pesticides and pesticide metabolites, with spike and sample concentrations, June–July 1998

[µg/L, microgram per liter; <, less than; E, estimated; --, not applicable]

Pesticide or pesticide metabolite	Number of field-spiked samples	Spike concentration (µg/L)	Sample concentration (µg/L)	Spike recovery (percent range)
Acetochlor	1	0.12	<0.002	102–.103
Acifluorfen	1	E .86	<.035	71–.74
Alachlor	1	.126	<.002	103–.105
Aldicarb	1	<.55	<.55	--
Aldicarb sulfone	1	<.37	<.10	--
Aldicarb sulfoxide	1	<.021	<.021	--
Alpha-BHC	1	.0787	<.002	64–66
Atrazine	1	.268	.17	83
Benfluralin	1	.0695	<.002	56–58
Bentazon	1	<1.75	<.014	--
Bromocil	1	<.035	<.035	--
Bromoxynil	1	.67	<.035	55–58
Butylate	1	<.002	<.002	--
Carbaryl	1	E .581	<.003	50
Carbofuran	1	.08	<.12	0–67
Carbofuran	1	E .232	<.003	20
Chlopyrolid	1	E .26	<.23	3–23
Chloramben methyl ester	1	<.42	<.42	--
Chlorothalonil	1	E .38	<.48	0–41
Chlorpyrifos	1	<.004	<.004	--
cis-permethrin	1	.0635	<.005	49–53
Cyanazine	1	.0885	<.004	70–74
Dacthal (DCPA)	1	.0765	<.003	61–64
Deethylatrazine	1	E .0593	E .032	23
Diazinon	1	<.002	<.002	--
Dicamba	1	.96	<.035	80–83
Dichlorprop	1	.90	<.032	75–78
Dieldrin	1	.11	<.001	94–95
Dinoseb	1	<.035	<.035	--
Disulfoton	1	<.017	<.017	--
Diuron	1	.71	<.02	59–61
Eptam (EPTC)	1	<.002	<.002	--
Ethalfluralin	1	.045	<.004	34–37
Fenuron	1	<1.04	<.013	--
Fluometuron	1	.85	<.035	70–73

Table 10. Spike recovery percentages for pesticides and pesticide metabolites, with spike and sample concentrations, June–July 1998—Continued

Pesticide or pesticide metabolite	Number of field-spiked samples	Spike concentration (μg/L)	Sample concentration (μg/L)	Spike recovery (percent range)
Lindane	1	0.09	<0.004	72–75
Linuron	1	.84	<.018	71–72
Linuron	1	.17	<.002	138–140
Malathion	1	<.005	<.005	--
MCPA	1	.64	<.17	41–55
MCPB	1	.66	<.14	45–57
Methiocarb	1	<.026	<.026	--
Methomyl	1	<.017	<.017	--
Methyl azinphos	1	<.001	<.001	--
Methyl parathion	1	<.006	<.006	--
Metolachlor	1	.12	.010	90
Metribuzin	1	.04	<.004	30–34
Molinate	1	<.004	<.004	--
Napropamide	1	.065	<.003	52–54
Neburon	1	E .7	<.015	59–60
Norflurazon	1	<.024	<.024	--
Oryzalin	1	<1.25	<.91	--
Oxamyl	1	.62	<.018	52–53
Parathion	1	<.004	<.004	--
Pebulate	1	<.004	<.004	--
Phorate	1	<.002	<.002	--
Picloram	1	.55	<.05	43–47
Prometon	1	.26	.14	104
Pronamide	1	.08	<.003	66–68
Propachlor	1	.11	<.007	88–94
Propanil	1	.10	<.004	78–81
Propargite	1	.11	<.013	83–94
Propham	1	.23	<.035	17–20
Propoxur	1	<.87	<.035	--
Pendimethalin	1	.09	<.004	68–72
Simazine	1	.09	<.005	68–72
Tebuthiuron	1	.11	<.01	82–90
Terbacil	1	<.007	<.007	--
Terbufos	1	<.013	<.013	--
Thiobencarb	1	.02	<.002	11–13
Triallate	1	.04	<.001	36–37
Triclopyr	1	.84	<.25	51–72
Trifluralin	1	.08	<.002	64–65

Table 10. Spike recovery percentages for pesticides and pesticide metabolites, with spike and sample concentrations, June–July 1998—Continued

Pesticide or pesticide metabolite	Number of field-spiked samples	Spike concentration (μg/L)	Sample concentration (μg/L)	Spike recovery (percent range)
2,4-D	1	0.74	<0.15	51–64
2,4-DB acid	1	<.76	<.24	--
2,4,5-T	1	.78	<.035	64–67
2,6-Diethylaniline	1	<.003	<.003	--
3-Hydroxycarbofuran	1	.51	.07	38
p,p'-DDE	1	.06	<.006	43–48