

**DIAGNÓSTICO ESPAÇO-TEMPORAL DA OCORRÊNCIA DE HERBICIDAS NAS ÁGUAS SUPERFICIAIS E SEDIMENTOS DO RIO CORUMBATAÍ E PRINCIPAIS AFLUENTES**

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**Tabela 1S.** Resultados analíticos de resíduos de herbicidas em amostras de água da sub-bacia do Rio Corumbataí

Ponto de amostragem	Concentração do herbicida (µg L <sup>-1</sup> )													
	Tebut	Hexaz	Sulf	Diur	Glif	Trif	Simaz	Atraz	Cloma	Aceto	Amet	Isox	Pendi	Total
Coleta: 09/03/2004														
1 - Coru01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
2 - Coru02	ND	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND	ND	ND	ND	-
3 - Coru03	ND	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND	ND	ND	ND	-
4 - Coru04	ND	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND	ND	ND	ND	-
5 - RibCla	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
6 - Coru05	ND	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND	ND	ND	ND	-
7 - PasCin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
8 - Coru06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Coleta: 23/08/2004														
1 - Coru01	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	-
2 - Coru02	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	-
3 - Coru03	ND	<b>0,5</b>	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	<b>0,5</b>
4 - Coru04	ND	<b>0,3</b>	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	<b>0,3</b>
5 - RibCla	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	-
6 - Coru05	ND	<b>0,4</b>	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	<b>0,4</b>
7 - PasCin	ND	<b>0,3</b>	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	<b>0,3</b>
8 - Coru06	ND	<b>0,4</b>	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	<b>0,4</b>
Coleta: 18/11/2004														
1 - Coru01	ND	ND	ND	ND	ND	ND	<b>0,6</b>	<b>2,7</b>	<b>0,4</b>	ND	<b>2,9</b>	ND	ND	<b>6,6</b>
2 - Coru02	ND	ND	ND	ND	ND	ND	<b>0,5</b>	<b>2,2</b>	<b>0,4</b>	ND	<b>1,9</b>	ND	ND	<b>5,0</b>
3 - Coru03	ND	ND	ND	ND	<LOQ	ND	ND	<LOQ	ND	ND	<LOQ	ND	ND	-
4 - Coru04	ND	ND	ND	ND	<LOQ	ND	<LOQ	<b>1,2</b>	<LOQ	ND	<b>1,4</b>	ND	ND	<b>2,6</b>
5 - RibCla	ND	ND	ND	ND	<LOQ	ND	<LOQ	<b>0,6</b>	<LOQ	ND	<b>0,7</b>	ND	ND	<b>1,3</b>
6 - Coru05	ND	ND	ND	ND	<LOQ	ND	<b>0,3</b>	<b>1,6</b>	<LOQ	ND	<b>1,8</b>	ND	ND	<b>3,7</b>
7 - PasCin	ND	ND	ND	ND	<LOQ	ND	ND	<LOQ	ND	ND	<b>1,0</b>	ND	ND	<b>1,0</b>
8 - Coru06	ND	ND	ND	ND	<LOQ	ND	<LOQ	<b>0,7</b>	<LOQ	ND	<b>0,8</b>	ND	ND	<b>1,5</b>
Coleta: 14/2/2005														
1 - Coru01	ND	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND	NR	ND	ND	-
2 - Coru02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	-
3 - Coru03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	-
4 - Coru04	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	-
5 - RibCla	ND	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND	NR	ND	ND	-
6 - Coru05	ND	ND	ND	ND	<LOQ	ND	ND	ND	ND	ND	NR	ND	ND	-
7 - PasCin	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	-
8 - Coru06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	ND	ND	-
LOQ	0,2	0,2	0,2	0,2	1,0	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	

Tebut – Tebutiurum; Hexaz – Hexazinona; Sulf – Sulfentrazona; Diur – Diurum; Glif – Glifosato; Trif – Trifluralina; Simaz – Simazina; Atraz – Atrazina; Cloma – Clomazona; Aceto – Acetocloro; Amet – Ametrina; Isox – Isoxaflutol; Pendi – Pendimetalina  
 NA – Não analisado; NC – Não coletado; ND – Não detectado; NR – Não recuperado; <LOQ – menor que o limite de quantificação

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**Tabela 2S.** Resultados analíticos de resíduos de herbicidas em amostras de sedimento da sub-bacia do Rio Corumbataí

Ponto de amostragem	Concentração do herbicida (mg kg <sup>-1</sup> )													Total
	Tebut	Hexaz	Sulf	Diur	Glif	Trif	Simaz	Atraz	Cloma	Aceto	Amet	Isox	Pendi	
Coleta: 9/3/2004														
1 - Coru01	NA	NA	NA	NA	<LOQ	ND	ND	ND	ND	ND	ND	ND	ND	-
2 - Coru02	NA	NA	NA	NA	<LOQ	ND	ND	ND	ND	ND	ND	ND	ND	-
3 - Coru03	NA	NA	NA	NA	<LOQ	ND	ND	ND	ND	ND	ND	ND	ND	-
4 - Coru04	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	-
5 - RibCla	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	-
6 - Coru05	NA	NA	NA	NA	<LOQ	ND	ND	ND	ND	ND	ND	ND	ND	-
7 - PasCin	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
8 - Coru06	NA	NA	NA	NA	<LOQ	ND	ND	ND	ND	ND	ND	ND	ND	-
Coleta: 23/8/2004														
1 - Coru01	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	-
2 - Coru02	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	-
3 - Coru03	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	-
4 - Coru04	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	-
5 - RibCla	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	-
6 - Coru05	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	-
7 - PasCin	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	-
8 - Coru06	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	-
Coleta: 18/11/2004														
1 - Coru01	NA	NA	NA	NA	<LOQ	ND	ND	ND	ND	ND	ND	ND	ND	-
2 - Coru02	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	-
3 - Coru03	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
4 - Coru04	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	-
5 - RibCla	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	-
6 - Coru05	NA	NA	NA	NA	<LOQ	ND	ND	ND	ND	ND	ND	ND	ND	-
7 - PasCin	NA	NA	NA	NA	<LOQ	ND	ND	ND	ND	ND	ND	ND	ND	-
8 - Coru06	NA	NA	NA	NA	<LOQ	ND	ND	ND	ND	ND	0,01	ND	ND	0,01
Coleta: 14/2/2005														
1 - Coru01	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	-
2 - Coru02	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	-
3 - Coru03	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	-
4 - Coru04	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	-
5 - RibCla	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	-
6 - Coru05	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	-
7 - PasCin	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	-
8 - Coru06	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	-
LOQ					0,05	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	

Tebut – Tebutiuron; Hexaz – Hexazinona; Sulf – Sulfentrazone; Diur – Diuron; Glif – Glifosato; Trif – Trifluralina; Simaz – Simazina; Atraz – Atrazina; Cloma – Clomazona; Aceto – Acetocloro; Amet – Ametrina; Isox – Isoxaflutol; Pendi – Pendimetalina  
 NA – Não analisado; NC – Não coletado; ND – Não detectado; NR – Não recuperado; <LOQ – menor que o limite de quantificação