

41-glufosinate ammonium (CAS# 77182-82-2)															
Table 1a. Sub-lethal acute poisoning (single dose): Clinical observations (time related)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h
1	Takahashi 2000	1	60M	S, A	100	(a), (b)	1	sr	770	4265			1h:MS; 3h:CF, R, RA, N	1h:ST; 3h:HD, HP	240 (c)
		1					3	sr	295	1634					
2	Hirose 1999	2	65M	S, A	60	(d)	2	sr	440	2437			2h:MS, V; 4.5h:N	4.5h:AC, AR	312
		2				ET	5	sr	98.4	545					
		2				ET	10	sr	32.3	179					
		2				ET	12.5	sr	17	94					
		2				ET	15	sr	4.7	26					
		2				ET	17.5	sr	2.9	16					
		2				ET	20	sr	1.5	8.3					
		2				ET	30	sr	0.6	3.3					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW glufosinate ammonium = 198.6															
MW glufosinate base = 180.6															
(a) history of hypertension; after poisoning with glufosinate developed diabetes insipidus.															
(b) ingested 500 ml of BASTA herbicide, containing 20% w/v glufosinate ammonium and 33% w/v of an anionic surfactant, polyoxyethylene alkylether sulfate.															
(c) transferred from the intensive care unit on the 10th hospital day, and discharged without any neurological complications on the day 47th after ingestion.															
(d) ingested about 300 ml of BASTA, containing 60 g of glufosinate ammonium.															

Table 1b. Sub-lethal acute poisoning (single dose): Clinical observations (without time information)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h
1	Shinohara 1997	1	67F	S, A		(a)			1790	9914			10h:SZ, N, RA	AR, HD, HP(2 days)	456
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW glufosinate ammonium = 198.6															
MW glufosinate base = 180.6															
(a) ingested approximately 500 ml of BASTA, containing 18.5% glufosinate.															
Table 2a. Lethal acute poisoning (single dose): Clinical observations (time related)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW glufosinate ammonium = 198.6															
MW glufosinate base = 180.6															

Table 2b. Lethal acute poisoning (single dose): Clinical observations (without time information)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW glufosinate ammonium = 198.6															
MW glufosinate base = 180.6															
Table 3a. Post-mortem observations (time related)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW glufosinate ammonium = 198.6															
MW glufosinate base = 180.6															
Table 3b. Post-mortem observations (without time information)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW glufosinate ammonium = 198.6															
MW glufosinate base = 180.6															