

Table 1  
Mycotoxin contamination in rice (Weidenboemer, 2000)

	Incidence	Conc. range	Mean conc. ( $\mu\text{g}/\text{kg}$ )	Conc. ( $\mu\text{g}/\text{kg}$ )	Contry	Condition
Afl. B <sub>1</sub>	2/52*	26–38 $\mu\text{g}/\text{kg}$	32	8	Brasil	*Polished
	1/1					
	6/8	<2.5–15 $\mu\text{g}/\text{kg}$	20	28	Nepal	*Parboiled
	4/4*	<2.5–12.5 $\mu\text{g}/\text{kg}$				
	7/364	37 $\mu\text{g}/\text{kg}$				
	9/9	$\leq 600 \mu\text{g}/\text{kg}$				
Total	1/182		98	5	USA	
Afl. B <sub>2</sub>	1/52*			15	Brasil	*Polished
	1/1			2	Egypt	
Afl. G <sub>1</sub>	1/4*	1.8 $\mu\text{g}/\text{kg}$			Nepal	*Parboiled
	1/52*			20	Brasil	*Polished
Afl. G <sub>2</sub>	2/84	73.1–77.5 $\mu\text{g}/\text{kg}$	75.3		Malaysia	
	3/84	3.7–96.3 $\mu\text{g}/\text{kg}$	45.6		Malaysia	
Aflatoxin (no specification)	3/15*	$\leq 38 \mu\text{g}/\text{kg}$	16		Philippines	*Rice brand
	17/82*	$\leq 43 \mu\text{g}/\text{kg}$	12		Philippines	*Milled
	1/6*	$\leq 3 \mu\text{g}/\text{kg}$	3		Philippines	*Pop
	3/10*	$\leq 18 \mu\text{g}/\text{kg}$	15		Philippines	*Rough
Aflatoxin (AFB <sub>1</sub> , AFB <sub>2</sub> , AFG <sub>1</sub> , AFG <sub>2</sub> )	13/30	22–317 $\mu\text{g AFB}_1/\text{kg}$ , 15–125 $\mu\text{g AFB}_2/\text{kg}$ , 14–107 $\mu\text{g AFG}_1/\text{kg}$ , 20–98 $\mu\text{g AFG}_2/\text{kg}$ ,			India	
	Nc/4*	0.1–2.4 $\mu\text{g}/\text{kg}$			UK	*Basmati rice
	14/20	2–19 $\mu\text{g}/\text{kg}$	7.9		Gambia	
	Aflatoxin (no specification)	12/80*	tr–430 $\mu\text{g}/\text{kg}$			India
23/81*		30–1130 $\mu\text{g}/\text{kg}$			India	*Cyclone-affected
32/43*		30–130 $\mu\text{g}/\text{kg}$			India	*Parboiled
1/23				1000	Mozambique	
Citrinin	16/72	$\leq 33 \mu\text{g}/\text{kg}$	16		Philippines	
	4/30	49–92 $\mu\text{g}/\text{kg}$			India	
Deoxynivalenol	2/2	700–1130 $\mu\text{g}/\text{kg}$			Japan	
	1/1*			90	Papua New Guinea	*Imported
Fumonisin B <sub>1</sub>	Nc/4*	4–6 $\mu\text{g}/\text{kg}$			UK	*Basmati rice
	Nc/4*	4–7 $\mu\text{g}/\text{kg}$			UK	*Chinese rice
Fumonisin B <sub>2</sub>	8/20	$\leq 4300 \mu\text{g}/\text{kg}$			USA	
Fumonisin B <sub>3</sub>	6/20	$\leq 1200 \mu\text{g}/\text{kg}$			USA	
Fumonisin B <sub>3</sub>	5/20	$\leq 600 \mu\text{g}/\text{kg}$			USA	
Fumonisin (FB <sub>1</sub> , FB <sub>2</sub> )	1/4*	28 $\mu\text{g}/\text{kg}$			UK	*Basmati rice
Nivalenol	2/9		22		Nepal	
	1/1*			63	Papua New Guinea	*Imported
Ochratoxin A	Nc/4*	4–11 $\mu\text{g}/\text{kg}$			UK	*Basmati rice
	1/3*			533	Egypt	*Rice germ
Sterigmatocystin	2/36	$\leq 0.3 \mu\text{g}/\text{kg}$			Germany	
	2/32	8–25 $\mu\text{g}/\text{kg}$	16.5		India	
	2/15	1.7–2.4 $\mu\text{g}/\text{kg}$			Indonesia	
	8/15	$\leq 1.0 \mu\text{g}/\text{kg}$			Italy	
	1/various food samples			50	Japan	
	2/2*	230–430 $\mu\text{g}/\text{kg}$			Japan	*Deteriorated
Zearalenone	3/30	108–157 $\mu\text{g}/\text{kg}$			India	
	2/nc	50–450 $\mu\text{g}/\text{kg}$			Japan	
	??*	3800–4300 $\mu\text{g}/\text{kg}$			Japan	*Moldy
	12/37	$\leq 16,300 \mu\text{g}/\text{kg}$			Japan	
Zearalenone	1/4*			49	UK	*Chinese rice
	1/9			8	Nepal	
	1/1*			3060	Papua New Guinea	*Imported
	3/42*	>200 $\mu\text{g}/\text{kg}$			Uruguay	*And by-products

Nc: not counted.