

Table 1 Prevalence of isolated fungi in sewage sludge samples from different wastewater treatment plants in Sari city, as cultured on SCC media

Genus	Wastewater treatment plant ^a													
	A		B		C		D		E		F		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Geotrichum	60	68.2	50	57.5	23	51.1	20	45.5	25	75.8	16	55.2	194	59.5
Cladosporium	11	12.5	16	18.4	16	35.6	–	–	2	6.1	–	–	45	13.8
Alternaria	1	1.1	21	24.1	5	11.1	–	–	–	–	10	34.5	37	11.3
Penicillium	9	10.2	–	–	1	2.2	19	43.2	4	12.1	2	6.9	35	10.7
Yeasts	5	5.7	–	–	–	–	5	11.4	2	6.1	1	3.4	13	4.0
Rhizopus	1	1.1	–	–	–	–	–	–	–	–	–	–	1	0.3
Aspergillus	1	1.1	–	–	–	–	–	–	–	–	–	–	1	0.3
Total	88	100.0	87	100.0	45	100.0	44	100.0	33	100.0	29	100.0	326	100.0

^aSamples were taken from the following wastewater treatment plants: A = wood and paper factory, B = dairy factory, C = wood factory, D = local village, E = slaughterhouse, F = soft drink production factory, G = school of medicine. No fungal growth was observed from plant G.

SCC = Sabouraud's dextrose agar with cycloheximide and chloramphenicol.