



## Compost & BioSolids Screen -Microbiology Components

Used to evaluate the safety of compost or bio-solids for use as agricultural or gardening soil supplements.

### SUGGESTED MAXIMUM LIMITS

Total Staph	coag+ve Staph	lactose fermentors	fecal coliforms	Enterococci (fecal Strep)	Salmonella	Pseudomonas spp Total	P.aerogenosa	TPC*
n/a	50/gm	n/a	20/gm	5/gm	0/gm	n/a	10/gm	n/a

Notes: Agriculture Canada (FP&I) is concerned with potential spread of plant pathogens and pests (eg. gypsy moth). For material that is considered high risk, tests for specific pathogens can be conducted or a bio-assay (eg radish & watercress) for toxicity and pathogens can be conducted.

A further suggestion (from EPA) was a concern with potential parasites. This remains a concern for a product known as "Zoodoo" which is quite popular in Washington State. It is unclear if the Hartland compost (or backyard compost) would present a significant risk of spreading parasites. Individual circumstance may warrant investigation on a need to know basis.