

Table 1. Nutrient solutions used across treatments over all trials.

Experiment	Treatments	Description
1	HNS m	HNS recycled in basins
	HNS BF	Nutrient supplemented biofilter effluent
	HNS UV	UV sterilized, nutrient supplemented biofilter effluent
	HNS O <sub>3</sub>	Ozone sterilized, nutrient supplemented biofilter effluent
	HNS H <sub>2</sub> O <sub>2</sub>	H <sub>2</sub> O <sub>2</sub> sterilized, nutrient supplemented biofilter effluent
	HNS probiotic 1	<i>B. subtilis</i> inoculated HNS m
2	HNS m	HNS recycled in basins
	HNS BF	Nutrient supplemented biofilter effluent
	HNS s	Filter sterilized HNS
	HNS BF s	Filter sterilized nutrient supplemented biofilter effluent
	HNS probiotic 2	<i>B. amyloliquefaciens</i> inoculated HNS s
	HNS BF probiotic 2	<i>B. amyloliquefaciens</i> inoculated HNS BF