

PPM – Plant Preservative Mixture
Overview and Usage

Plant Preservative Mixture is a dilute chemical solution used as an additive to plant tissue culture medium to eliminate and prevent most know plant bacterial and fungal contaminants.

- Non-toxic to most plant species at optimal concentrations
- Maintains clean cultures at very low concentrations
- Can be used as a pretreatment for new seed or tissue clean up
- Very stable – autoclavable
- Long shelf-life – 3 years
- Stored at refrigerated temperatures
- Complete product information, documentation, usage, and references available at: www.plantcelltechnology.com

PPM Quick Reference	Maintenance	Sterilization (See Product Information Sheet for full details)	Agrobacterium
Concentration (v/v)	0.05 – 0.2%	5.0%	0.05%
Duration	Continuous	4 – 12 hours	Continuous
Note	Plant tissue types vary, optimization is required. For freshly isolated protoplast or callus use 0.05%. Higher concentrations may result in toxicity or uptake	Use in 3X MS salts. Do not use in combination with other sterilization techniques. Do not adjust pH. Treated tissues should be placed directly into culture medium of choice containing 0.05% PPM.	May be added to antibiotic cocktail.

