Antibiotic preparation to be amended with carrot agar (as per the Drenth and Sendall, 2001 from practical guide to detection and identification of Phytophthora, version 1.0)

(P_5ARP)

Antibiotics	**Function**	***Stock Preparation**	****Addition to media/ dosage**	**Remarks**
Pimaricin	Antifungal	Mix 250 mg powder in 10 ml stdH2O	0.625ml in 500ml media solution	
Ampicillin	Antibacterial	Dissolve 100gm in 1ml stdH2O	1.25ml in 500ml media solution	
Rifampicin	Antibacterial	Dissolve 100mg powder in 10ml stdH2O	500µl in 500ml media solution	
Nystatin	Antifungal	Dissolve 500mg powder in 5ml stdH2O or comes in already prepared solution	0.625ml in 500ml media solution	Use in place of Pimaricin

Usually stock of antibiotics are in powder form, so just dissolve in sterilised distilled water or

****To be added to melted media while pouring into petri plates***

Add lactic acid for preparing potato dextrose agar (PDA)

- Add 1ml of lactic acid in 100ml of PDA media

1. **Antibiotics or lactic acid are amended to media for the first time when the sample or sample tissues are place in media (agar) to minimize the contamination with saprophytes**

2. **Also it requires amending with antibiotics or lactic acid when the isolates are revived from water culture**