

Malt Extract Agar + chloramphenicol

for general isolation of fungi (standard medium for isolating fungi from leaves)

20g Malt Extract

15 g Agar

0.200 g chloramphenicol

1 L deionized water Mix and heat to dissolve all ingredients.

Chloramphenicol can be autoclaved.

Autoclave, cool, and pour.

10% Trypticase Soy Agar + cycloheximide

for general isolation of bacteria (standard medium for bacterial isolation from plants)

3g Trypticase Soy Broth

15 g Agar

1 L deionized water Mix and heat to dissolve all ingredients.

Autoclave, and cool to pouring temperature. Before pouring add:

Cycloheximide (200 mg/L) as

10mL of a 1g/50mL 90% EtOH stock solution.

Malt Extract Agar + Benlate + chloramphenicol

For isolation of wood decay fungi

20g Malt Extract

15 g Agar

0.200 g chloramphenicol

1 L deionized water Mix and heat to dissolve all ingredients.

Autoclave, and cool to pouring temperature. After autoclaving, just before pouring add:

Benlate (10 mg/L) as 1mL of a 10 mg/mL stock suspension

(0.200g Benlate in 20mL 70% EtOH stock solution)

V8 Juice Agar

Often used for sporulation of fungi and oomycetes

1 can (163 ml) V8 Juice

1.8g CaCO₃

15g Agar

make up to 905 ml with deionized water (742ml di H₂O)

Mix and heat to dissolve all ingredients;

Autoclave, cool and pour