

BM-1 Terrestrial Orchid Medium w/out Agar

Properties

Form:	Powder
Appearance:	White to Yellow Powder
Application:	Orchid Culture
Solubility:	Water
Typical Working Concentration:	21.22 g/L
Storage Temp:	2-6°
Storage Temp of Stock Solution:	Preparation of concentrated solutions is not recommended as insolubles may form.
Other Notes:	Same formulation as B141 without agar.

Formula

Boric Acid	10
Cobalt Chloride•6H ₂ O	0.025
Cupric Sulfate•5H ₂ O	0.025
Na ₂ EDTA•2H ₂ O	37.25
Ferrous Sulfate•7H ₂ O	27.85
Magnesium Sulfate, Anhydrous	100
Manganese Sulfate•H ₂ O	25
Molybdic Acid (Sodium Salt) •2H ₂ O	0.25
Potassium Phosphate, Monobasic	300
Zinc Sulfate•7H ₂ O	10
D-Biotin	0.05

Casein, Enzymatic Hydrolysate	500
Folic Acid	0.5
L-Glutamine	100
Glycine (Free Base)	2
myo-Inositol	100
Nicotinic Acid (Free Acid)	5
Pyridoxine•HCl	0.5
Sucrose	20,000
Thiamine•HCl	0.5

Application Notes

Plant Tissue Culture Tested

Especially suited for terrestrial orchids, Paphiopedilum, and Phragmipedium.

Seed germination may be enhanced by the addition of 50 mL/L Coconut Water (Prod. No. C195).

Consult the Orchid Media Selection & Use Guide for additional information; this can be downloaded from the Technical Info page on the PhytoTechnology Labs web site.

Revised 2/2012