

Gresshoff & Doy (DBM2) Microelements Solution (100X)

PL006

Composition :

Ingredients	milligrams/1000ml
Manganese sulphate.H ₂ O	100.01
Boric acid	30.00
Potassium iodide	80.00
Molybdic acid (sodium salt).2H ₂ O	2.50
Zinc sulphate.7H ₂ O	30.00
Copper sulphate.5H ₂ O	2.50
Cobalt chloride.6H ₂ O	2.50
Ferrous sulphate.7H ₂ O	2780.00
EDTA disodium salt.2H ₂ O	3725.00
TOTAL	6.75 gm/1000ml

Directions : Use 10ml per litre of microelements stock solution.

Quality Control : Appearance : Colourless to yellow, clear solution.
pH : 2.4 ±0.5 of 100ml microelements stock solution.

Cultural Response : Growth promoting activity of solution is assessed after addition of this product in complete medium using shoot tips, nodes or callus for 5 weeks at 25°C ±2°C with 16 hrs photoperiod and 8 hrs darkness. Actively growing shoots and callus is observed.

Sterility : No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification.

Storage Temperature & Shelf Life : Store product at 2-8°C away from bright light. Shelf life of product is 13 months. Use before expiry date.

Reference : Gresshoff P.M. & Doy C.H., Z. Pflanzenphysiol., (1974), 73, 132 - 141

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Disclaimer :



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