



Product Information

Dehydrated Plant Tissue Culture Media

Product Code : PT141

Rose Multiplication Medium

w/ Sucrose & Agar

Product description :

Rose Multiplication Medium has been specially formulated for the *in vitro* multiplication of Rose spp. It contains macronutrients, micronutrients, iron, vitamins, plant growth regulators and carbohydrates. Agar provides a firm support for inoculating explants and cultured tissues.

Directions :

Suspend 41.51 grams of dehydrated medium in 600ml of distilled water and rinse media vial with small quantity of distilled water to remove traces of powder. Adjust the medium to the desired pH using 1N HCl/ NaOH. Make up the final volume to 1000ml with distilled water. Boil the medium to dissolve Agar completely. Sterilize the medium by autoclaving at 15 lbs or 121°C for 15 minutes. Dispense the desired amount of medium aseptically in sterile culture vessels. Store the prepared medium at 2-8°C away from direct light.

Storage and Shelflife :

Dehydrated plant tissue culture media powder is extremely hygroscopic and should be protected from atmospheric moisture. If possible, the entire content of each bottle should be used immediately after opening or else the unused portion should be stored in a desiccator and refrigerated at 2-8°C. Use before the expiry date.

Note :

Any drift in the pH of the medium may result in precipitation of certain media constituents and may alter gelling properties. We recommended checking and adjustment of pH before autoclaving. Slight particulate matter may be visible due to the inherent property of inorganic salts to precipitate in mixture. However, this doesn't affect the *in vitro* growth and development of plant cell, tissue and organ cultures.



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