

# Trebouxia Medium Recipe

## Directions

Modification of Ahmadjian's medium for the phycobionts of lichens. Suitable for most axenic cultures of Trebouxia, Pseudotrebouxia, Trentepohlia and Cephaleuros.

For 1 L Total

1. Prepare 1 L of Bristol Solution. Transfer approximately 825 mL to a 2 L Erlenmeyer flask. Save the remaining solution.
  2. To approximately 825 mL of Bristol Solution, add each of the components in the order specified while stirring continuously.
  3. Bring total volume to 1 L with the saved Bristol Solution.
- \*For 1.5% agar medium add 15 g of agar into the flask; do not mix.
4. Cover and autoclave medium.
  5. Store at refrigerator temperature.

#	Component	Amount	Stock Solution Concentration	Final Concentration
1	<a href="#">Bristol Medium</a>	825 mL/L		
2	<a href="#">Soilwater: GR+ Medium</a>	140 mL/L		
3	Proteose Peptone (BD 211684)	10 g/L		
4	Glucose (BACTO-dextrose or Sigma D 9634)	20 g/L		0.11 M