



Preparation for Seeding Spools with Sugar Kelp Spores

Below is a check list of the items needed for seeding spools with sugar kelp spores. Seeding spools is time sensitive, so it is best to prepare these items prior to rehydrating your sorus tissue.

List of items and equipment

- ☐ Processed sorus tissue
- ☐ 70% ethanol
- ☐ Nitrile gloves
- ☐ Glass container for spore release (flask or beaker, 1 - 2L)
- ☐ 32 - 35 micron sieve
- ☐ 2L beaker for straining spore solution
- ☐ Microscope set to 100x magnification
- ☐ Hemocytometer
- ☐ Microscope cover slides
- ☐ 5mL plastic pipettes (for spore solution samples)
- ☐ Lab notebook
- ☐ Spore density calculator
- ☐ Graduated cylinders (an assortment of volumes)
- ☐ Prepared spools with seedstring
- ☐ Chilled filtered seawater
- ☐ Seeding tubes (optional)
 - ☐ Foam rings (two per seeding tube)
- ☐ Tank(s) setup for chilling the tubes or directly seeding the spools