

# Instructions for germinating botanical seeds for tissue culture media

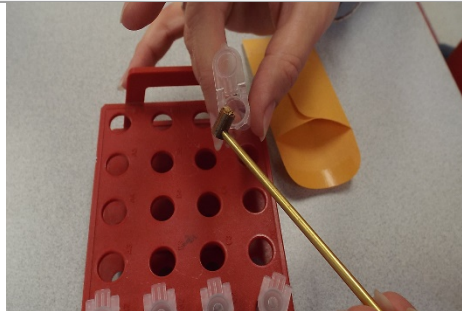
Line petri dishes with filter paper.



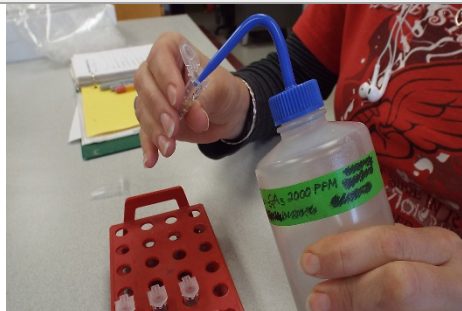
Autoclave petri dishes with filter paper to sterilize.



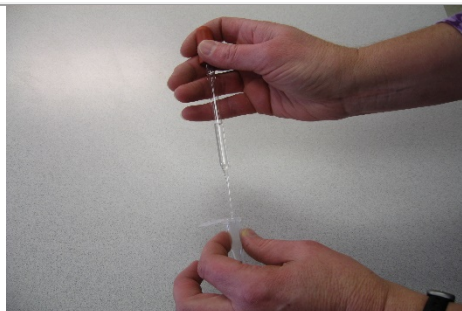
Place seeds in small 1.5 ml Eppendorf centrifuge tubes.



Cover seeds with GA. Be sure seeds are submerged in liquid. Treat at room temperature for about 24 hours.



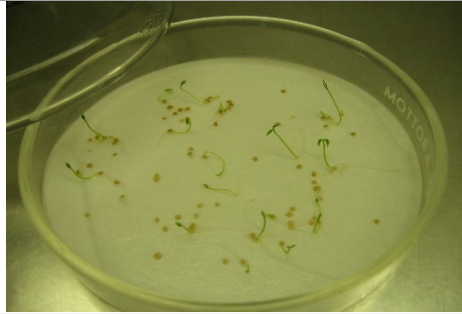
Decant off GA and rinse with tap water. Using same soaking technique as GA treatment, sterilize seeds by soaking in a 10% bleach solution for 10 minutes and then rinse with sterilized distilled water.



Using sterilized distilled water, rinse the seeds from the eppendorf tube onto the filter paper. Make sure filter paper is completely moistened with the distilled water and cover petri plate and seal with parafilm.



Check daily to be sure filter paper stays moist. Seeds should begin germinating in a week to ten days.



After the seedlings germinate, transfer into regular potato growth media with sterilized long tweezers.



If your goal is to maintain the seedlings in tissue culture, you can transfer cuttings into regular potato growth media after the seedlings are about 1 inch high.

