

**To prepare a 1 mg/ml stock solution of 2, 4- D or BA or IBA (autoclavable):**

50 mg of plant growth hormone was dissolved in 2 ml of absolute ethanol in a test tube with gentle heating and vortex. Once completely dissolved, the growth hormone was gradually dilute with distilled water up to 50ml. The stock solution was then divided; each one ml per 1.5 ml eppendorf. The eppendorfs were stored in the freezer.