

THE EFFECT OF NANOBUBBLES ON OAT SEEDS

Scope:

The scope of the experiment is to study the effect of nanobubbles on the growth rate of oat seeds.

Experimental Procedure:

Day 1 50 g of oat seeds are placed in a plastic vessel which is filled with O₂ nanobubbles, atmospheric air nanobubbles and deionized H₂O respectively.



➤ The seeds remain in the liquid for 24 h and the placed in aluminum vessels.



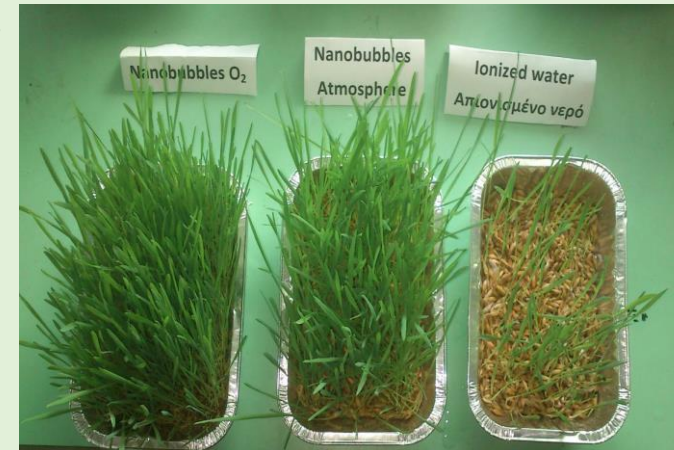
Day 2



Day 4



Day 8



The plant were weighted resulting in 288 g for O₂ NB plants and 202 g for atm air NB plants:



It is obvious that NB does have a **positive effect** on plant growth.