

## **Callus culture in Pistachio**

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Callus is unorganized cells consisting of parenchyma cells with thin cell walls, joined together in a cluster.

Callus culture was one primary methods of thissue culture for many years and is used in different kinds of biochemical, physiological and genetic experiments.

Callus culture can be used for study and selection of resistant cells to environmental stresses such as salinity , drought or disease resistance.

For callus culture of pistachio c.v. Ghazvin, combinations of concentration of auxin (2,4-D) and cytokin in (BAP) were used to stimulate callus induction and growth from different types of explants on solid MS medium in dark and light conditions at 25°C.