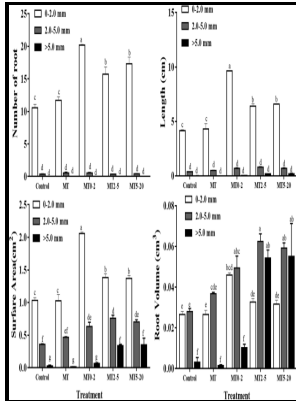


# Tissue culture and frost tolerance studies in Solanum.

University of Salford - Effect of protoplast source and media on growth and regenerability of protoplast



Description: -

-Tissue culture and frost tolerance studies in Solanum

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DX181372Tissue culture and frost tolerance studies in Solanum

Notes: PhD thesis, Biological Sciences.

This edition was published in 1994



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Tags: #British #Library #ETHOS: #Tissue #culture #and #frost #tolerance #studies #in #Solanum

## Research Paper on Plant Tissue Culture

In vitro screening of eight potato varieties Asterix, Cardinal, Challenger, Desiree, Hermis, Kroda, Sh-5 and Sante was investigated for salt tolerance at 0. New Zealand Journal of Experimental Agriculture 8 3-4 :313-319.

## In vitro salt tolerance and proline accumulation in Andean potato (Solanum spp.) differing in frost resistance

The in vitro culture of meristem and shoot tip involves several phases such as initiation of culture and establishment of explant, growth and differentiation, proliferation of shoots and finally plantlet formation by rooting of shoots. RESULT: The mature oocytes were sensitive to every protocol used, including at room temperature.

**Journal:** Plant cell, tissue, and organ culture / **Publication Year:** 2007 / **Source:** 2007 v.91 no.3

Alternatively, somatic fusion protocols are in place and have been used to introgress the genomes of tertiary gene pool species into cultivated potato Austin et al.

## Increased frost tolerance and amino acid content in leaves, tubers and leaf callus of regenerated hydroxyproline resistant potato clones

However, in laboratory, they can be produced from both male and female gametes.

## Related Books

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- [Suspension of solids in mixing vessels.](#)
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