

EVALUATING THE EFFECT OF COLLAGEN

IN CULTURE MEDIUM FOR

growth and rooting

OF CHRYSANTHEMUM (*Chrysanthemum coronarium*)



WHY IS IT IMPORTANT?

We are looking for sustainable alternatives to improve the growth of ornamental plants.

Hydrolyzed collagen, a byproduct of the industry, could be a key biostimulant for the development of stronger roots and healthier, more resilient plants.



OUR APPROACH

We evaluate the effect of hydrolyzed collagen in combination with plant hormones (IBA and BAP) on the growth and rooting of chrysanthemum under *in vitro* conditions.



HYDROLYZED COLLAGEN



IBA
(AUXIN)

BAP
(CYTOKININ)



WHAT WE HOPE TO DISCOVER

- ✔ A greater number of longer and stronger roots
- ✔ Better overall plant growth
- ✔ A sustainable alternative for greener agriculture

BE PART OF THE SCIENCE THAT MAKES PLANTS BLOOM!

JOIN OUR RESEARCH PROJECT

WITH LAURA, MIGUEL & CECI



LAURA



MIGUEL



CECI



10 HOURS
WEEKLY



HYBRID
SCHEDULE



INVESTIGATE,
LEARN &
TRANSFORM



SCIENCE, SUSTAINABILITY
AND PASSION FOR PLANTS

APPLY AS A
STUDENT VOLUNTEER!



More information with
Laura, Miguel or Ceci