Evaluation of the Calcium role in the growth of soaking seeds wheat in it’s solutions.

تقويم دور الكالسيوم في نمو الحنطة المنقوعة في محاليله

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Abstract:

An experiment was conducted to evaluate the role of Calcium by soaking the seeds of wheat in different solutions of Calcium for 24 hrs. and by following plants growth in sand culture. Results revealed significant increases in the germination and speed ratio and also in plants growth, i.e. plant height, it’s dry and fresh weights and leaf area. The effect of Calcium chloride solution was not significantly different from Calcium sulfate solution and the 6mM concentration was more effective than the other concentrations in this experiment.