

STATEMENT-I


The present investigation deals with influence of presowing soaking treatment on groundnut physiology. Although it is very well established that seed hardening treatment induce drought resistance in plants no much work is done to understand physiological basis of this process. Hence an attempt is made to study the influence of presowing soaking treatment with a growth retardant chlorocholine chloride and growth promoter kinetin on some physiological promoters relevant to drought resistance in groundnut cultivar JL-24. Thus this work represents an original contribution to groundnut physiology. Further, this work has not been previously submitted for the award of any degree in any institute.

STATEMENT-II

The present work can be regarded as a continuation of the work on stress physiology carried out in our laboratory since last several years. However, this work reports a new investigation. The source from which information is gathered have been listed in the 'Bibliography' part of the thesis. The current journals, reviews, books and monographs have been extensively referred during the course of investigation. Every attempt has been made to keep the reference work as upto-date as possible.



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