

S T A T E M E N T - I

Agave is the most important leaf fibre crop. Several attempts have been made to study the ecophysiological aspects of Agave species. However, not much attention has been paid to Agave cantala Roxb., which is a prominent and promising Agave species in India. The present studies mainly cover the influence of different seasons and leaf age on the fate of various inorganic and organic constituents and the process of CAM. Hence, the present research work represents an original contribution to the physiology of Agave cantala. This work has not been previously submitted for the award of any degree to any other institute.

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The present investigation embodies physiological studies in Agave cantala Roxb. The sources from which information is gathered have been listed in the "Bibliography" part of the thesis. The textbooks, monographs, reviews and the current journals have been extensively referred and correlated. Every attempt has been made to keep the reference work as upto date as possible.



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