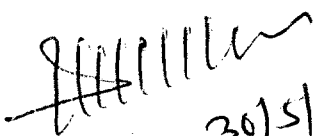



## STATEMENT - I

Sansevieria trifasciata (cv) is the most popular garden succulent and indoor plant. Several attempts have been made to study the cultivation and economic aspects of Sansevieria species. However no attention has been paid to Sansevieria trifasciata (cv) Laurentii for its physiological studies. It is reported to be a member having crassulacean acid metabolism. In India the physiological studies regarding this succulent have not been made, so far. The present study includes the organic and inorganic constituents and their role in the CAM of Sansevieria trifasciata. The studies also extended for monthly variation in the inorganic and organic constituents as well as process of CAM operating in this plant. Hence present research work represent an original contribution to the physiology of Sansivieria trifasciata (cv). Laurentii. This work is not submitted to award of any degree to any other institute.

## STATEMENT - II

The present investigation embodies physiological studies in Sansevieria trifasciata (cv) Laurntii. The sources from which information is gathered have been listed in the "Bibliography" Part of the thesis. The text books, monographs, reviews and the Current journals have been extensively referred and correlated. Every attempt has been made to keep the reference work as up to date as possible.

  
30/5/95  
(Dr. S. P. BARTAKKE)

  
(M. S. BANSODE.)

Candidate. 8

GUIDE.

**Dr. Sharadkumar P. Bartakke**  
*M. Sc., Ph. D.*  
Lecturer In Botany,  
Krishna Mahavidhyalaya, Rethare (Bk.)  
Post SHIVNAGAR, Tal Karad,  
Dist. Satara 415 108