

SOME MORPHOLOGICAL AND BIOCHEMICAL STUDIES OF PLANT PARTS OF *VICIA FABA*.

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Abstract: The Pollen morphology is of great significance particular in cultivar taxonomy. Man has been always interested to find out micro organisms, pollen grains and fungal spore in air for better air quality. From time to time many workers as Vishnu Mittra & Gupta (1966) worked on pollen morphology. Nair & Sharma (1962) also studied on pollen morphology and pollen analysis of certain economically important families of angiosperms such as Liliaceae, Fabaceae. Sateesh and Nair (1993) also carried study of pollen grains at Tirachira pali (T.N.) in atmosphere. It was of interest to carry some work on morphological and bio-chemical studies on selected cultivars crops near college field. The studies with pollen morphology show that size of pollen grain increases under acetolysed as compared to non acetolysed condition. Similar decline in nitrogen content was observed more in infected plant soil as compared with healthy plant soil.

Keywords: Biochemical, Pollen morphology

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