

***Nerium odorum* Aiton. as Dust Monitor**

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Abstract

*The increased population and continuous process of development has caused a threatening increase in pollution in Mumbai. Dust coming from various sources such as automobiles, construction activities, etc. adds on to this problem. But, the vegetation has been used as phytomonitor and phytoremediator for analyzing and solving this issue of dusty environment. In the current work, *Nerium odorum* Aiton. was used to calculate foliar dust deposition at 10 critical sites within the limits of Mumbai city during Feb-13 to Jan-14. Western express highway at Borivali was found to be the dustiest site where vehicular density was also found to be the maximum. Taken into consideration the dry season, summer was more dustier than winter. *Nerium odorum* Aiton. can be used as an effective tool for phytomonitoring and phytoremediation.*

Keywords: *Nerium odorum* Aiton., Phytomonitoring, Phytoremediation and Vehicular density.