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ملخصات البحوث
ABSTRACT

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ALLERGENIC IMPACT OF AIRBORNE *PROSOPIS*
POLLEN IN SAUDI ARABIA

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Abstract :

Allergenicity to *Prosopis juliflora* pollen antigen has been reported from several countries including United States [1,2,3], Kuwait [4], India [5,6,7] and South Africa [8]. Several species of the genus *Prosopis* have been introduced to Saudi Arabia as roadside ornamentals. A number of roads and streets in several cities of the Kingdom have a large number of trees belonging to the genus *Prosopis*. *Prosopis* spp (some species, particularly *Prosopis juliflora* are known as mesquite) are native of South and Central America and India. A maximum of three and at least two (as per different literature) species are also considered to be native of Arabian Peninsula. It is conservatively estimated that in three cities of Saudi Arabia viz. Riyadh, Al-Gassim and Hail about a million *Prosopis* trees alone exist on road verges.