

ROLE OF TURFGRASS IN URBAN LANDSCAPES

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Abstract: Lawns occupy a significant proportion of green spaces in many cities worldwide. Despite of aesthetic and ornamental benefits, turfgrass also possess many inevitable functional benefits. It helps in maintaining ecological balance and reclamation of polluted environments due to profuse exploitation of nature in urban landscape. The major benefits include controlling soil erosion and improving soil quality, water purification and noise reduction, mitigating air pollution and dust. Turfgrass plays a major role in carbon sequestration which reduce the atmospheric temperature. Apart from these functional benefits, turfgrass is also used in various medical therapies as a tool for reducing mental stress and by various entrepreneurs as a billion-dollar industry with high returns per unit area.

Keywords: Turfgrass, Urban landscape, Air pollution, Water quality

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