

## **Storm Water Runoff Reduction, Ground Water Recharge and Soil Restoration**



*“One of the key mechanisms by which turfgrasses preserve water is their superior capability to trap and hold runoff, which results in more water infiltrating through the soil turfgrass ecosystem.”*

**Dr. James B. Beard**

Professor Emeritus  
Texas A&M University  
Council of Agricultural Science  
& Technology  
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*“Although the roots of turfgrass generally aren’t as deep as the roots of prairie plants, they have a higher plant density which affects infiltration and decreases water runoff and increases percolation.”*

**Dr. John Stier**

Horticulture Professor  
University of Wisconsin  
(Madison) June 2007

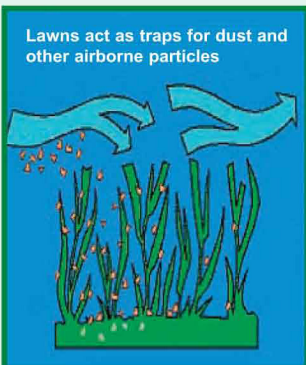


*“An extremely important function of turfgrasses is soil improvement through organic matter additions derived from the turnover of roots and other plant tissues.”*

**Dr. James B. Beard**

Professor Emeritus  
Texas A&M University

## **Dust & Air Pollution Control**



Lawns act as traps for dust and other airborne particles

*“Turfgrasses trap an estimated 12 million tons of dust and dirt released annually into the atmosphere.”*

**Dr. Thomas L. Watschke**

Pennsylvania State  
University