

# ENVIRONMENTAL LAWN BENEFITS



## FRESH OXYGEN

A 5,000 sq ft grass lawn can produce enough fresh oxygen daily for 14-34 people.



## COOLING POTENTIAL

Lawns can be up to 60 degrees cooler than surrounding hardscapes.

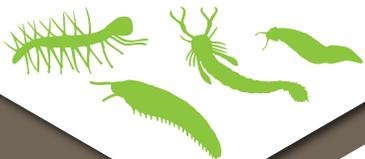


## ABOVE GROUND BENEFITS

## BELOW GROUND BENEFITS

## SOIL ARTHROPODS

Managed lawns can host as many as 52 different arthropod families with over half of them representing beneficial insects.



## SOIL MICROBIOME

Grass lawns enhance soil microbial diversity when compared to bare soil and helps regulate microbial community composition.



## RAINFALL CAPTURE

A 5,000 sq ft grass lawn can capture between 2,000 and 27,000 gallons of water depending on soil type.



## CARBON CAPTURE

Carbon modeling research of a typical suburban home on a half-acre lot, landscape beds, shrubs, trees, and a grass lawn indicates that between 81 and 90% of the carbon captured in the landscape is captured by the lawn.

