



The Many Benefits of Trees

Planting, Preserving and Promoting Tulsa's Urban Forest.

TREES IMPROVE AIR QUALITY

Trees remove air pollution, such as ozone, particulate matter, sulfur dioxide and more. Air quality improves as tree canopy increases.

Trees remove dust and soot from the air, which can damage our lungs and increase asthma in children.

Each year, an acre of trees absorbs the amount of carbon produced by driving a car 26,000 miles.

TREES DECREASE AIR TEMPERATURE

Urban heat islands are created when natural land cover is replaced with concrete and infrastructure. Trees cool city heat islands by 10-20 degrees, reducing ozone levels and helping cities meet air quality standards for federal highway dollars.

Surface temperature can be up to 36° F cooler under the shade of a tree.

TREES CLEAN & CONSERVE WATER

Foliage and tree canopy cover decrease storm water runoff, which reduces the potential for flooding.

Trees clean rainfall as it filters through the leaves and root system.

Planting trees along waterways helps control water and soil runoff, remove sediment and reduce water runoff pollution by as much as 80%.

TREES IMPROVE THE ECONOMY

Sales at businesses on tree-lined streets are up to 12% higher; shoppers are willing to pay up to 11% more for goods and services.

Residential property values can increase 5-20% if trees are in the landscape.

TREES GREATLY IMPROVE THE QUALITY OF LIFE

Trees in urban neighborhoods are linked to reduced crime.

Urban environments with trees and green areas help reduce stress and aggression, while increasing interaction and walking on street level.

Patients with window views of trees recover from surgery faster, use less painkillers, experience less stress and have shorter hospital stays.

TREES ARE GOOD FOR CHILDREN & THEIR EDUCATION

Tree-lined streets reduce asthma rates in children who live there, as well as encourage them to play outside.

Children with window views of trees and greenery perform better in school.

Children with access to trees and green spaces have less ADD symptoms, better concentration, and increased ability to follow directions.

TREES SAVE ENERGY & MONEY

Shade from trees reduces a building's energy use, which lowers power plant emissions.

Streets with little or no shade need to be re-paved twice as often as those with 30% tree cover.

Just 3 trees strategically placed around a home can decrease utility bills by 50%. Air conditioning costs are lower in a tree-shaded home. Heating costs are reduced when a home has a windbreak.

TREES BEAUTIFY OUR SURROUNDINGS

Trees make life more pleasant by their beauty. City trees also provide privacy, screen out objectionable views, reduce glare and reflection, and provide background to, complement and enhance architecture.

TREES PROVIDE HOMES FOR WILDLIFE

Trees harbor wildlife, attracting birds, squirrels, insects and even other plants. Planting trees returns an area to a less artificial environment that promotes the natural cycle of plant growth, reproduction and decomposition, both above and below ground. Natural harmony is restored to the urban environment.

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