

# Share the SHADE



## OUR AIR

Trees absorb odors and pollutant gases (nitrogen oxides, ammonia, sulfur dioxide and ozone) and filter particulates out of the air by trapping them on their leaves and bark. In one year, an acre of mature trees can provide enough oxygen for 18 people.



## OUR SHADE

Three trees placed strategically around a single-family home can cut summer air conditioning needs by up to 50 percent. Trees can cool the city by up to 10° F, by shading our homes and streets, breaking up urban "heat islands."



## OUR HEALTH

Studies have shown that patients with views of trees out their windows heal faster and with fewer complications. Exposure to trees and nature aids concentration by reducing mental fatigue.



## OUR WATER

In one week, most newly planted trees require only fifteen gallons of water whereas the average shower consumes over 100 gallons. Shade from trees helps to slow water evaporation from nearby lawns and plants thus reducing overall water needs. Trees reduce runoff and prevent stormwater from carrying pollutants to our water sources.



## OUR COMMUNITY

Neighborhoods and homes that are barren have shown to have a greater incidence of violence in and out of the home than their greener counterparts. Tree plantings provide an opportunity for community involvement and empowerment that improves the quality of life in our neighborhoods. All cultures, ages, and genders have an important role to play replanting trees in Greeley.



## OUR PROPERTY VALUES

The beauty of a well-planted property and its surrounding street and neighborhood can raise property values by as much as 15 percent. Studies show that the more trees and landscaping a business area has, the business activity is more vibrant.

SOURCE: [treepeople.org/tree-benefits](http://treepeople.org/tree-benefits)

# Share the SHADE

In an effort to increase tree-planting efforts and enhance ownership of the trees in our neighborhoods, the City of Greeley has implemented a residential planting program called “**Share the Shade.**” This program will help residents purchase and plant up to two (2) trees on their property; annually our goal is to plant 100 trees on residential properties throughout the community.

Here are a few key program details:

- Residential property owners (applicant) can apply to purchase up to two (2) trees each year.
- Each tree planted includes the cost of the tree(s), delivery and professional installation.
- The applicant can choose from a selected list of available and suggested trees.
- The applicant can choose general tree locations on the property (no fenced backyards).
- Trees purchased are approximately 1 to 1.25 inches in caliper with an average height of 6 feet.
- Although not required, applicants are encouraged to volunteer to help us plant your tree(s).



For more information visit: [greeleygov.com/forestry](http://greeleygov.com/forestry)