

TOP 20

BENEFITS OF TREES

1. Trees Combat Climate Change

Trees absorb CO₂, removing and storing carbon while releasing oxygen back into the air.

2. Trees Clean the 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.

3. Trees Provide Oxygen

In one year an acre of mature trees can provide enough oxygen for 18 people.

4. Trees Provide Food

Fruit and nut trees can be grown in big or small spaces and will yield a bounty of food for both humans and wildlife.

5. Trees Conserve Energy

Shade from trees reduces energy demands by keeping homes cool. Using less energy reduces CO₂ and pollution emissions from power plants.

6. Trees Save Water

Transpiration provides atmospheric moisture from plants. Redwoods absorb fog and drip water into soil. Shade from trees slows water evaporation.

7. Trees Prevent Water Pollution

Trees reduce runoff by allowing water to flow down branches into the soil. This prevents pollutants carried in stormwater from entering oceans. Tree mulch acts like a sponge and natural filter to recharge groundwater.

8. Trees Prevent Soil Erosion

On hillsides or stream slopes, trees hold soil in place and slow water runoff. One tree can reduce stormwater runoff by 4,000 gallons a year.

9. Trees Cool Streets, Towns & Cities

Trees cool cities by up to 10°F by shading homes and streets. They break up urban "heat islands" releasing water vapor into the air through their leaves, and keep asphalt surfaces 18-36° cooler.

10. Trees Block & Absorb

Trees are excellent at blocking & absorbing sound, dust, wind, glare, UV Rays, and even radiation from EMFs.

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11. Trees Heal Us

Exposure to nature reduces stress, anxiety, and mental fatigue. Patients with views of trees heal faster with less complications, and children with ADHD show fewer symptoms while in nature.

12. Trees Prevent Skin Cancer

Trees can reduce UV-B exposure by 50 percent, providing protection on school campuses, fields and playgrounds.

13. Trees Provide Habitat for Wildlife

Sycamore and oak are among the many species that provide excellent shelter and food for birds, bees, squirrels, bats, and possums.

14. Trees Teach & Inspire Us

As creative play structures for children and spiritual inspiration for adults, trees provide a source of wonder, solace, and creativity.

15. Trees Create Economic Opportunities

The value of mulching for water conservation, green jobs provide economic opportunities in landscaping and green waste. Fruit harvested from trees can provide income.

16. Trees Slow Traffic & Increase Business

Studies show that the more trees and landscaping a business district has, the more business will flow in. Tree-lined streets slow traffic and encourage walkable communities.

17. Trees Increase Property Values

The beauty of a well-planted property and its surrounding streets and neighborhood can raise property values by as much as 15 percent.

18. Trees Reduce Anxiety & Violence

Trees, landscaping, and birdsongs reduce anxiety and fear. Barren neighborhoods and homes have a greater incidence of violence in and out of the home than their greener counterparts.

19. Trees Bring People Together

Tree plantings encourage civic pride, community involvement and empowerment that improves our quality of life.

20. Trees Provide Wood

Fallen trees can be selectively harvested for art, toys, furniture, landscaping, and fuel.

TREES ARE AMAZING!