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## Plant Trees - Save Energy!



- Three properly placed trees can save the average household between \$100 and \$250 annually in energy costs or about 30% on air conditioning costs.
- The net cooling effect of a healthy shade tree is equivalent to 10 room-size air conditioners operating 20 hours a day.
- Shading air conditioning units with trees can improve efficiency by 10%.
- The temperature above vegetative groundcover will be 10 to 15 degrees cooler than above a heat absorbent material such as asphalt.
- As windbreaks, trees reduce wind velocity and slow air leakage in a structure.

### **Tree Planting Tips:**

- For maximum energy savings, plant deciduous trees to the west, east, and southwest of the structure.
- Plant large-growing shade trees such as oak and maple rather than crepe myrtle and dogwood.
- Tree species and proper placement are critical to energy-savings effectiveness.

**Georgia Forestry Commission (GFC) provides information on trees and energy effectiveness, and grows tree seedlings for purchase.**

**Visit [gatrees.org](http://gatrees.org) for more information.**