

# Low-Emission Landscaping Practices

## Lawn Care Equipment:

Convert fleet of equipment from gasoline to propane (a Texas fuel)

- Benefits include environmental and financial
- Improved emissions and fuel efficiency (25% less cost per BTU - The British Thermal Unit, an energy unit)
- Reduced maintenance
- Reduced VOCs (Volatile Organic Compounds) from fueling
- Vehicle incentives available through [TERP](#) (Texas Emission Reduction Plan) and [DERA](#) (Diesel Emissions Reduction Act)
- Riding mowers, push mowers, walk-behinds

## Ozone Precursor Reduction:

Landscaping

- Use low VOC emitting trees – not oaks/pines (a list is provided on the [CLEAN AIR Force website](#))
- Ozone uptake by canopy. Reduced heat island affect
- Self-sustaining system, low maintenance and irrigation vegetation
  - o Native plants
- Public education
  - o [Texas Agricultural Extension Service](#)
  - o [City of Austin's Grow Green Program](#)

Lawn Care:

- Reduced commercial mowing (2x per year, late May – early June and late October) and reduced amount mowed
  - “Modified” full width mowing
  - Herbicide to reduce noxious species and mesquite
- Reduced irrigation > reduced pumping > reduced energy and emissions