

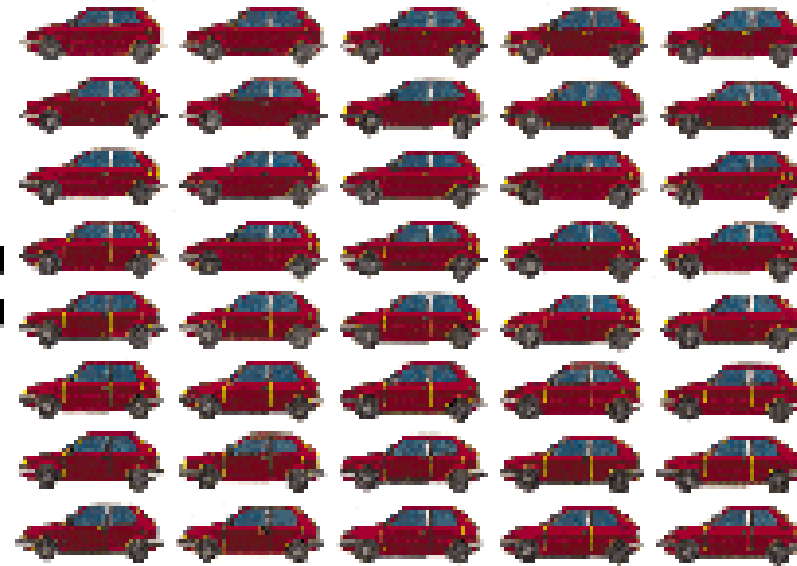


Proposed 2006 Lawn Mower
Exchange Program

July 14, 2005

Gasoline Lawn Mowers and Air Pollution

A gasoline lawn mower pollutes as much in an hour as 40 late model cars.



Gasoline Lawn Mowers and Air Pollution

- EPA estimates there are 89 million pieces of lawn and garden equipment in the United States with engines rated at 25 horsepower or less (1995/1996)
- Clean Air Partners discourages mowing the lawn or using electric mowers on Code Red Days

Lawn Mower Exchange Programs

- **Los Angeles, CA (South Coast AQMD):**
 - 12,000 mowers exchanged in the past 3 years
 - Program cost in 2004 for 1,500 mowers was \$467K
 - 4,000 mowers exchanged in 2005

Lawn Mower Exchange Programs

- **Maryland (MDOT/MDE):**
 - 700+ mowers exchanged in 2004 at the University of MD
 - Pre-registration required (phone, email)
 - Black & Decker and Home Depot were partners

Lawn Mower Exchange Programs

- **Washington State (Natural Yard Day Coalition/PRR):**
 - Multiple products (electric mowers, push reel, rain barrel, soaker hose, weed puller, compost, water timer, organic lawn fertilizer)
 - PRR has coordinated for 6 years
 - 2002 costs were roughly \$470K

Key Elements

- Suitable site
- Equipment provider
- Publicity
- Pre-registration
- Volunteers
- Appropriate disposal mechanism for old mowers
- Funding
- 4-6 months planning

Typical Requirements

- Pre-registration
- Turn in old lawn mower
- Obtain a new electric mower at a steep discount (\$100+ off)

Equipment Manufacturers

- Black & Decker
- Country Home Products
- Friendly Robotics

Recommendation

- Conduct a lawn mower exchange program in the spring of 2006 at one or more locations in the Baltimore/Washington region
- Preliminary cost estimate: \$150-\$200K

Next Steps

- Approve concept for 2006 lawn mower exchange program (Jul 05 Board meeting)
- Form planning committee (Aug 05)
- Identify/secure sponsors (Aug-Nov 05)
- Issue RFP (Dec 05)
- Select vendor (Jan 05)
- Plan/conduct event(s) (Jan-Apr 06)