

# BIODIESEL TESTIMONIAL

## CENTRAL OHIO TRANSIT AUTHORITY

From the start of 2006, the Central Ohio Transit Authority has been running its buses on Biodiesel fuel made from Soybean Oil.

The Soy fuel eliminates the nasty black engine exhaust. Biodiesel also leads to better mileage and fewer harmful emissions, and it improves the buses' engine life, all factors that have led COTA to include Biodiesel fuel in its long-range plans.

From January through March 2006, the transit authority tested a 20 percent blend of Biodiesel on 10 buses, increasing the experiment to 33 buses. The engines ran fine, and though there was an initial 3.5 percent increase in fuel consumption as the buses adjusted to the fuel, the motors began to run cleaner and started using less fuel.

COTA burned through 9.25 million litres of fuel in 2005 for its 234 buses and they typically get about 1.7km per litre.

After its analysis of Biodiesel, and finding no harmful effects on bus engines, COTA moved to a B50 blend in May then in June increased the blend to B90.

Because Biodiesel begins to gel in cold temperatures, COTA will switch to a B50 blend in October and reduce the blend to a B20 in December.



FUEL FOR OUR FUTURE