

## *E10 And You*

- ⇒ Ethanol helps to improve your engine performance.
- ⇒ Ethanol helps keep your fuel injector clean.
- ⇒ Ethanol blended gasoline reduces toxic emissions from your vehicle.
- ⇒ Ethanol reduces the nation's dependence on imported oil.
- ⇒ The ethanol industry creates jobs and investment across the nation, especially in rural areas.

⇒ **Remember to look for E10 certification stickers at your service sta-**



### *Did You Know...*

- ⇒ One tonne of sugar cane can produce 0.2 - 0.4 barrels (or 8.4 - 16.8 gallons) of ethanol.
- ⇒ For every barrel of ethanol produced, 1.2 barrels of petroleum are displaced.
- ⇒ Because ethanol is a renewable source, there is increased fuel supply.
- ⇒ Stand by generators, gas powered trimmers, chain saws and leaf blowers can all run efficiently on E10.

**Should you have any questions, comments or concerns, feel free to call our E10 Hotline at: 1-888-429-5E10.**

Prepared by the Ministry of Energy and Mining.

# E10...



*THE FUTURE IS*

**ETHANOL**



# "SWEET POWER"



## *What is Ethanol?*

Ethanol is a clean-burning, high octane, renewable fuel additive made from sugar cane, grain or other biomass sources. It can be used in gasoline, resulting in a cleaner-burning fuel with higher octane.

## *JA & Ethanol- Sweet Power*

On November 1, 2008, the Ministry of Energy began the 1st stage of rolling out the E10 blend of gasoline in 87 Octane.

The second phase beginning November 1, 2009, will see ethanol blended gasoline being distributed island wide.



## *Vehicle Information*

**KEEP IN MIND THAT:**

- ⇒ The use of E10 Unleaded is approved by leading automakers in the world.
- ⇒ If the vehicle was manufactured after 1986, modifications to the car engine are not necessary for blends of up to 10% ethanol.
- ⇒ Replacement of rubbers and seals may be needed for vehicles manufactured before 1986.



## *Quick Facts*

- ⇒ Chemically pure ethanol is a colourless liquid which looks like water and has a mild scent.
- ⇒ Ethanol contains 97% of the energy of pure gasoline.
- ⇒ A car averaging 30 miles per gallon (MPG) on the highway would average 29.4 MPG E10 — not enough to be detected by the average driver.
- ⇒ Fuel ethanol will mix with water **BUT**, if there is too much water, the ethanol will separate (from the water) causing contamination.

# *E10... SWEET POWER*