

# GELFUEL

## WHAT.....?

- Gelfuel is a renewable, low cost, safe and clean household cooking fuel
- Gelfuel stoves are widely used in several parts of Africa
- Gelfuel is based on biomass ethanol, which is produced from sugar cane, sweet sorghum, or other agricultural crops
- Alternative fuel to electricity, paraffin, wood and dung

## WHY.....?

- Gelfuel is locally produced
- Gel stoves cost slightly more than paraffin stoves, but burn for twice as long
- No bad gasses that pose a threat to health
- No odours after extinguishing the flame and no fumes.
- Gelfuel is safe as there is no risk of explosion
- Gel is less reactive, compared to paraffin and petrol, even when it comes into contact with flames
- No danger of children drinking the fuel
- Burning woodfuel in poorly ventilated spaces poses a serious health hazard
- Gelfuel burns hotter and last longer than paraffin



## COST.....?

- 10 litres per month
- Stove costs R5/mth
- Gel costs R75/mth
- Total cost = R80/mth
- **Demo cost = R40/mth**

## BENEFITS.....?

- 1 litre of gel cooks more efficiently than 1 litre of paraffin
- Low centre of gravity means the gel stove will not tip over easily
- Stove sides shield regulator and flames from wind interference
- Metals used for the stove provide strength for a long life
- Gelfuel does not spill like paraffin so any fire can be quickly put out
- When cooking with gelfuel there is no smoke and no smell
- Pots and pans will stay clean & gelfuel will not change the flavour of food
- Gelfuel is safe, clean, non-toxic and economical

(Gelfuel is supplied in South Africa by Greenheat)