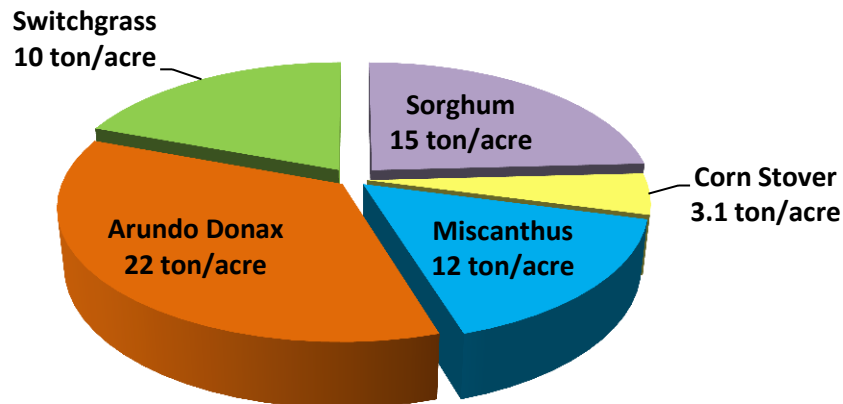


# **Arundo donax** - - The Best **BANG** for your **BUCK**

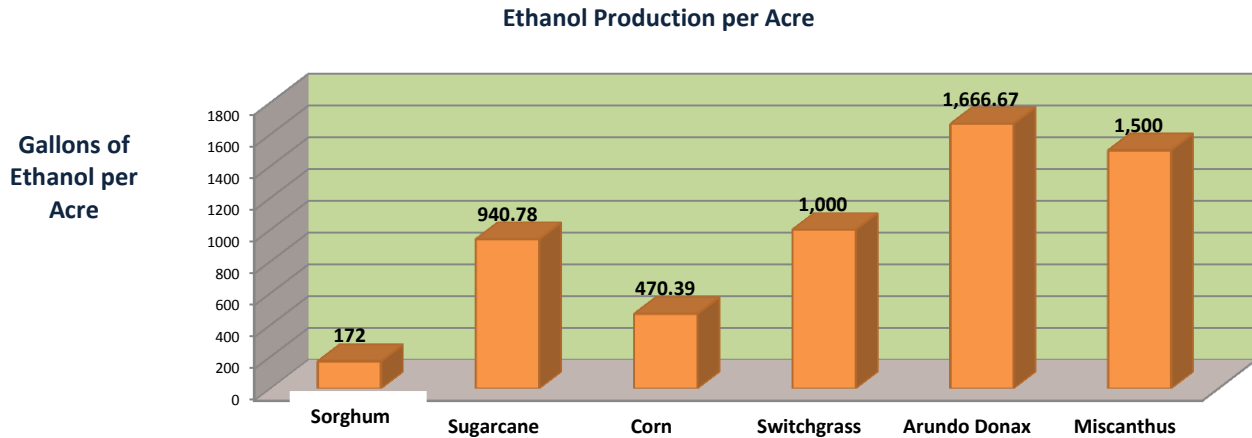
## ***“Your Biomass Feedstock \$olution”***

- Superior Yield on Marginal Soils –Does not compete with Food Crops

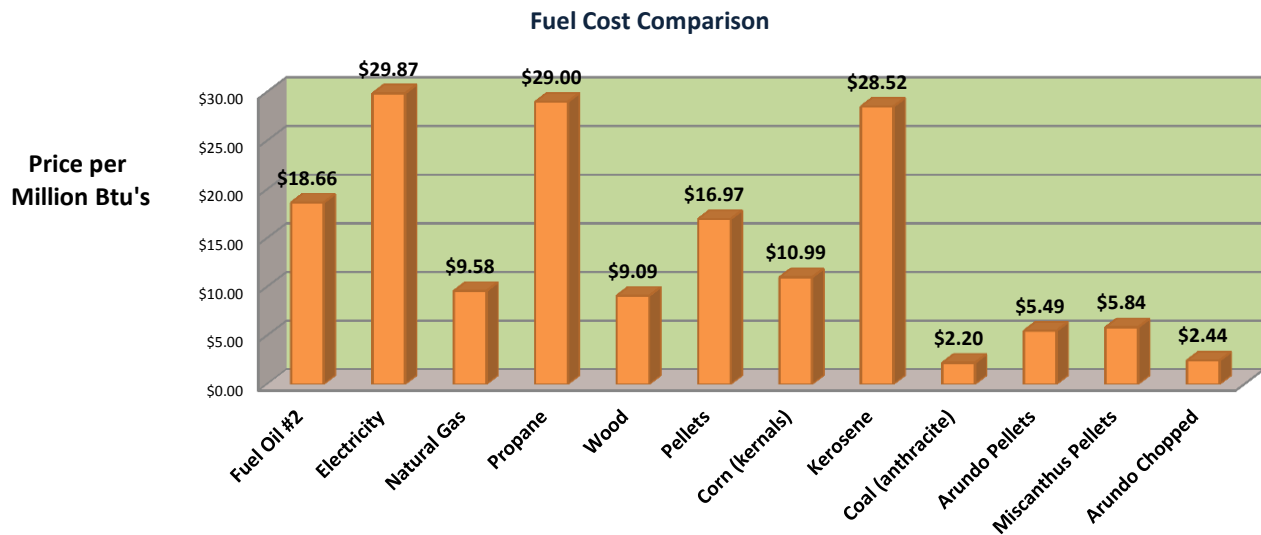


- Sustainable/Perennial Grass
  - Over 20 years production from one planting
- Lower Input Costs
  - Less Fertilizer
  - No Pesticide
  - Less Maintenance
  - Superior Tissue Culture Propagation Allows for Rapid and Consistent Establishment
- Cash Crop for Rural America
- Feedstock with Multiple Applications
  - Thermal Conversion
  - Catalytic
  - Enzymatic
- Process Versatility

- Cellulosic Value



- The Best Water Use Efficiency (Pound of water per pound of dry matter produced)
  - WUE Scale 250-1500
  - Arundo 200 - Corn 500
- Low Cost per Million BTU



- Superior Soil Carbon Sequestration
- Improving Life Cycle Analysis
- C<sub>4</sub> Plants more efficient; except for C<sub>3</sub> Arundo donax
- In Non Riparian Areas, Not Invasive with Best Management Practices
- Stands are easily destroyed with conventional tillage and/or herbicides if landowners wish to switch to another crop on the same land

