

<b>Caloric Value of Raw Materials</b>		<b>Caloric Value of Fuel Materials</b>	
Raw Materials	KCal / Kg	Raw Materials	KCal / Kg
Bagasse (sugar Cane)	4,200	Arhar Stalk	4,000
Bamboo Dust	3,700	White Coal Briquette	4,000
Bark (wood)	3,900	Char Coal	6,000
Castor Seed Shell	4,000	Coal Grade 'B'	5,000
Coffee Husk	4,200	Coal Grade 'C'	4,000
Coir Pitch	4,000	Diesel	9,400
Cotton Stalk	3,800	Fire Wood	3,300
Ground Nut Shell	4,000	Heavy Furnace Oil	9,900
Jute Waste	4,500	Kerosene	8,900
Maize Stalks	3,800	Lpg	9,400
Mustard Husk	4,500	Saw Dust	4,000
Pine Needles	4,000	Sugar Cane Trash	3,500
Rice Husk	3,500	Sugar Mill Waste	3,300
Rice Straw	3,500	Wheat Straw	3,700
Sar Khanda Grass	3,700		

Source [www.biomassbriquetting.com/briquetting-plant-india.php](http://www.biomassbriquetting.com/briquetting-plant-india.php)



Kampala Uganda, East Africa  
Misc. Leaves 70%  
Coffee Husks 30%



Central Coast Haiti, Caribbean Islands  
Sugar Cane Leaves 40%  
Misc. Leaves & Straws 60%



Asmara Eritrea, Northwest Africa  
Halophytes, Seafire 40%  
Field Grasses Straws 40%  
Cardboard 20%



Ashland Organ, Western USA  
Junk Mail 35%  
Poplar Leaves 40%  
Pine & Cedar Needles 25%



Shiri River, Malawi, Central Africa  
Water Hyacinth 40%  
Misc. Leaves 40%  
Scrap Paper & Cardboard 20%



Bamako Mali, West Africa  
Charcoal Dust 25%  
Sawdust 30%  
Field Straw 45%



Lilongwe Malawi, Central Africa  
Rice Husks 30%  
Sawdust 30%  
Scrap Paper and Cardboard 40%



Makueni, Kenya, East Africa  
Mango Leaves 30%  
Papaya Leaves 30%  
Misc. Other Leaves 40%



Bamako Mali, West Africa  
Charcoal Dust 40%  
Sawdust 30%  
Field Straw 30%



Cusco Peru, South America  
Eucalyptus Leaves 30%  
Field Grasses/Straws 40%  
Maize Leaves & Stalks 30%



Managua, Nicaragua  
Moringa Leaves 90%  
Misc. Leaves 10%



Bamako Mali, West Africa  
Sawdust & Rice Husks 30%  
Charcoal Fines 25%  
Field Straw 45%



Makueni Kenya, East Africa  
Mango & Misc. Leaves 80%  
Wastepaper 20%



Asmara Eritrea, Northeast Africa  
Halophyte 45%  
Grasses & Straws 30%



Hopital Albert Schweitzer  
Central Coastal Region, Haiti,  
Caribbean  
Misc. Sugar Cane Leaves  
Rice Husks & Carton Board



Mchinji Malawi, Central Africa  
Carton Board 60%  
Misc. Leaves 40%



Bamako Mali, West Africa  
Charcoal Fines 40%  
Sawdust 30%  
Field Straw 30%



Lilongwe Malawi, Central Africa  
Rice Husks 40%  
Carton Board 40%  
Sawdust 20%



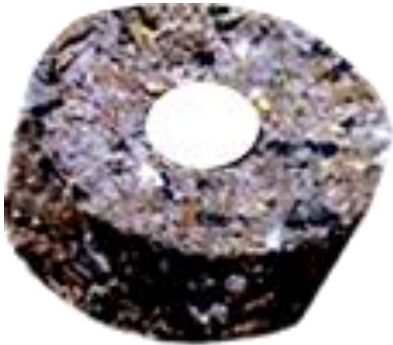
Cusco Peru, South America  
Field Grass 40%  
Potato Stems &  
Roots 30%  
Eucalyptus 30%



Ashland Oregon, Western USA  
Cedar Fronds 25%  
Junk Mail 40%  
Pine Needles 10%  
Poplar Leaves 25%



Upper Shiri River, Malawi, Central Africa  
Water Hyacinth 50%  
Misc. Leaves 50%



Bamako Mali, West Africa  
Plastic Bags 10%  
Wastepaper 25%  
Carton Board 25%  
Misc. Leaves & Straws