

AMERICAN WOOD FIBERS

AWF BioEnergy - RENEWABLE FUEL APPLICATIONS

- ▶ Industrial Process Heating**
- ▶ Greenhouse & Nursery**
- ▶ CAFO Operations**
- ▶ Municipal Buildings**
- ▶ Institutional Facilities**
- ▶ Co-Firing Biomass**
- ▶ Biofuels Feedstock**
- ▶ University Power Plants**
- ▶ Poultry Houses**

Renewable Fuels Available ▶ Ag Fibers, Ag Residues, Ag Pellets, Boiler Fuel, Corn Stover, Forest Residues, Grasses, Natural Fiber Pellet Blends, Wood Chips, Wood Pellets, Forest Residues, Giant Miscanthus, Woody Biomass.

Manufacturing Locations ▶

Schofield, WI	Pella, IA	Circleville, OH
Marshall, TX	Jessup, MD	Marysville, CA
Marion, VA	Clarks, NE	Lebanon, KY

▼ ENERGY DENSITY CHART ▼

FUEL	BTU/lb.	Ash	Moisture Content	Bulk Density (1)	Energy Density (2)
Wood Pellets	8,000	0.50%	4%	40 lbs.	320,000
Wood Chips	6,000	2.00%	30%	24 lbs.	144,000
Boiler Fuels	7,500	1.00%	10%	18 lbs.	135,000
Wood Flour	8,000	0.50%	6%	15 lbs.	120,000
Forest Residues	5,350	3.00%	40%	18 lbs	96,300
Ag Residues	7,000	6.80%	15%	16 lbs.	112,000

(1) Bulk Density shown in pounds per cubic foot
 (2) Energy Density is defined as BTU per Cubic Foot

Delivery Options ▶

- Bulk Bag Packaging** – Wood Pellets – 1,000-lbs & 2,000 bags
- Walking Floor Trailers** – 45,000 lbs payloads possible
- Dump Trailers** – 50,000 lbs payloads possible
- Rail Car Options** – 200,000 lbs payloads possible

Contact American Wood Fibers for specific application recommendations

BioEnergy Products Division – www.awf.com/bioenergy
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