



Biocrop Energy converts agricultural residues into clean, dependable renewable energy. Through advanced and sustainable technologies, we empower industries to reduce carbon emissions, enhance operational efficiency, and create long-term environmental and economic value.

Key Advantages

- ⦿ Clean and sustainable renewable energy solutions
- ⦿ Significant reduction in carbon footprint
- ⦿ Cost-effective and scalable energy systems
- ⦿ Enhanced energy efficiency and performance
- ⦿ Environmentally responsible operations

Our Strengths

- ⦿ Proven and reliable renewable energy technologies
- ⦿ Strong integration with sustainable agricultural resources
- ⦿ Consistent high performance and operational reliability
- ⦿ Compliance with environmental and quality standards
- ⦿ Focused on long-term sustainability and stability

The Agri Waste Advantage

Our **Agri Waste Pellets** are manufactured from high-quality agricultural residues such as rice husk, corn cobs, and other biomass by-products. These pellets offer a sustainable alternative to fossil fuels while efficiently utilizing agricultural waste.

Biocrop Energy transforms agri-residues into a reliable, renewable fuel source that supports circular economy principles and reduces environmental impact.

Key Specifications

Key Characteristics

- ⦿ High calorific value
- ⦿ Low ash content
- ⦿ Consistent pellet size
- ⦿ Moisture content below 10%
- ⦿ Easy storage and transportation

The Major Benefit

- ⦿ Lower ash generation compared to coal
- ⦿ Suitable for boilers, furnaces, and industrial heating systems
- ⦿ Reduced operational and maintenance costs
- ⦿ Environment-friendly fuel with lower emissions

Technical Specifications

<u>Parameter</u>	<u>Specification</u>
Calorific Value	4,200–4,400 kcal/kg
Moisture Content	≤ 10%
Ash Content	≤ 5%
Pellet Diameter	6–8 mm
Bulk Density	600–700 kg/m ³

Why Agri You Can Trust

At Biocrop Energy, quality and consistency are at the core of everything we do. Our agri-waste pellets are produced using controlled processes to ensure reliable performance, sustainable sourcing, and long-term value for industrial and commercial users.

What sets us apart:

- ⦿ Consistent pellet size and quality
- ⦿ Stable calorific value across batches
- ⦿ Sustainable sourcing from agricultural waste
- ⦿ Optimized for industrial energy systems

Certifications

We follow internationally recognized standards to ensure safety, quality, and environmental compliance.

- ⦿ Environmental Management System
- ⦿ ISO 9001 - Quality Management
- ⦿ Sustainable & Safety Compliance Certified

Quality & Performance Assurance

Biocrop Energy follows strict quality control measures at every stage of production to ensure consistent performance and reliability across all deliveries.

Quality Control Parameters

<u>Parameter</u>	<u>Control Method</u>	<u>Frequency</u>
Raw Material Screening	Visual & Moisture Check	Every Batch
Pellet Size Uniformity	Mechanical Sieve Test	Every Batch
Moisture Stability	Digital Moisture Meter	Daily
Ash Residue Monitoring	Laboratory Testing	Periodic
Calorific Consistency	Bomb Calorimeter Test	Batch-wise

Join Us on the Path to a Green Future

Biocrop Energy is building a sustainable energy ecosystem by transforming agricultural waste into clean, renewable power. Together, we can reduce emissions, minimize waste, and create long-term value for industries and communities.

Our Sustainable Process

Crop Residue Collection

Agricultural waste is sourced responsibly from farms and agro-industries.

Advanced Processing

Residues are processed using efficient, controlled technologies to produce high-quality biomass pellets.

Clean Energy Generation

Pellets are used for thermal and power applications, delivering reliable and eco-friendly energy.

Key Benefits

- ⦿ Reduced carbon footprint
- ⦿ Efficient use of agricultural waste
- ⦿ Cost-effective energy solution
- ⦿ Lower dependency on fossil fuels
- ⦿ Improved energy efficiency
- ⦿ Reliable and consistent power supply

Our Integrated Approach to a Green Future

Partnerships

Biocrop Energy believes that a sustainable energy ecosystem is built through strong, long-term partnerships across the value chain.

- ⦿ Farmers – Responsible sourcing of agricultural residues
- ⦿ Industries – Reliable, clean energy solutions for operations
- ⦿ Communities – Shared growth through sustainable practices

Reliable Biomass Supply

Our integrated supply chain ensures uninterrupted availability of high-quality biomass pellets to meet industrial demand.

What we ensure:

- ⦿ Sustainable sourcing practices
- ⦿ Consistent pellet quality
- ⦿ Stable supply throughout the year
- ⦿ Traceable and ethical procurement



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