BIOCHAARGOLD

ACCELERATING CARBON CULTIVATION







- Improved Soil Fertility
- Higher Crop Productivity
- Stronger Root Development
- Long-Term Carbon Sequestration

CONTACT US

www.chaargold.com | +91 8105270415

The Gold Standard in Biochar for Soil Regeneration

Did you know?

Biochar can remain stable in soil for hundreds to thousands of years, making it one of the most effective natural methods of long-term carbon sequestration.

Unlocking the Potential of Biochar

About BiochaarGold™

BiochaarGold is dedicated to producing **premium biochar** through **advanced pyrolysis** processes that convert renewable biomass into a **high-performance soil** and environmental solution. Combining **technical expertise** with a commitment to **sustainability,** we deliver biochar that supports **healthier soils**, **improved crop performance**, and **long-term carbon storage**. As underground soil resources become depleted, **soil regeneration** is no longer optional, it is **essential.** Biochar restores **stable carbon**, **revitalizes soil structure** and lays the foundation for **healthier,** more **resilient crops**.

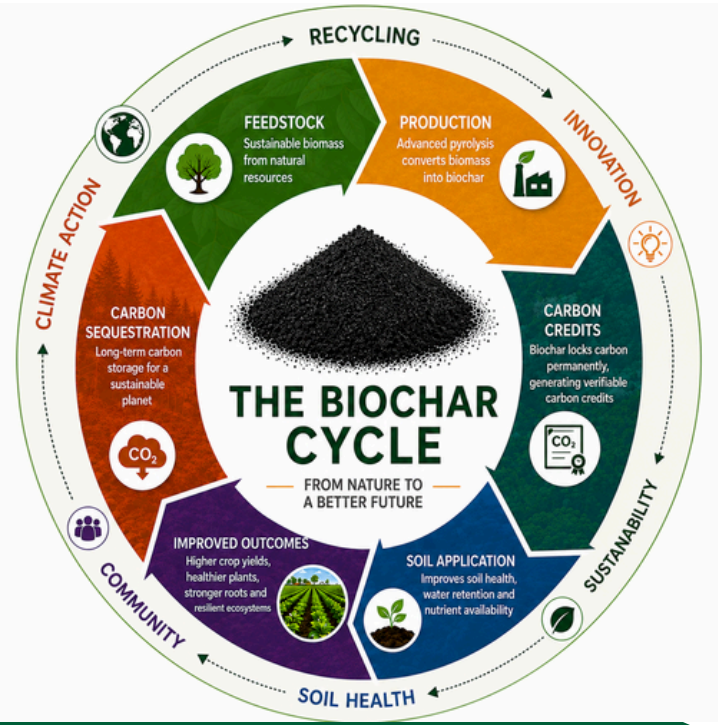


Our 360° Production Ecosystem

Premium biochar begins with **premium processes**. At our **5-acre, precision-engineered** manufacturing facility, carefully selected biomass feedstocks are transformed using our proprietary, in-house designed **Biochar Retort Kilns**. Our fully integrated production process ensures superior quality, consistency, and purity in every batch.

The BiochaarGold Advantage

- ✔ Advanced Pyrolysis Technology
- ✔ Superior Product Consistency
- ✔ Premium Biomass Feedstock
- ✔ High Production Capacity
- ✔ Comprehensive Quality Assurance
- ✔ Research-Driven Innovation
- ✔ Customised Product Solutions
- ✔ Reliable Supply & Timely Delivery
- ✔ Trusted Industry Partner
- ✔ Value Without Compromise



GET A QUOTE | **www.chaargold.com | +91 8105270415**

THE POWER OF BIOCHAR

HEALTHIER SOIL. STRONGER PLANTS. GREATER IMPACT.

WHAT IS BIOCHAR?

Biochar is a stable, porous, carbon-rich material made from biomass through controlled heating with little or no oxygen, designed to improve soil and store carbon sustainably. When added to soil, it unlocks powerful agronomic, environmental and economic benefits.



BENEFITS AT A GLANCE

- → Builds Long-Term Soil Carbon
- → Enhances Fertilizer Efficiency
- → Increases Crop Yields
- → Immobilises Heavy Metals
- → Improves Soil pH Balance
- → Accelerates Seedling Growth
- → Boosts Water Availability to Plants
- → Reduces Soil Compaction
- → Creates a Healthy Soil Ecosystem
- → Promotes Crop Development
- → Supports Nutrient Absorption

IMPROVES SOIL HEALTH

Enhances soil structure, porosity and aeration, creating a thriving environment for roots and microbes.

BOOSTS PLANT GROWTH

Improves root development, increases yields and strengthens plant resilience to stress.

ENHANCES MICROBIAL ACTIVITY

Provides a habitat for beneficial microbes, supporting a diverse and active soil ecosystem.

INCREASES WATER EFFICIENCY

Improves water retention in soil, reducing irrigation needs and improving drought resilience.

SEQUESTERS CARBON

Locks carbon in the soil for hundreds to thousands of years, helping reduce greenhouse gas emissions.

ENHANCES NUTRIENT RETENTION

Reduces nutrient leaching and makes nutrients more available to plants for sustained growth.

Enhancing Cation Exchange Capacity (CEC)

Biochar increases the soil's Cation Exchange Capacity, enabling superior nutrient retention and efficient nutrient exchange. By reducing nutrient losses and improving fertilizer utilization, it promotes healthier soils, stronger root systems, and higher-yielding crops. Its porous carbon structure stores and gradually releases nutrients, maximizing plant uptake while minimizing leaching. The result is improved fertilizer efficiency, enhanced soil resilience, thriving microbial ecosystems, and sustainable agricultural productivity.

LEARN MORE www.chaargold.com | +91 8105270415

BIOCHAARGOLD
ACCELERATING CARBON CULTIVATION

Did you know?

Just 1 gram of biochar can have an internal surface area of over 300 square metres, providing an ideal habitat for beneficial soil microorganisms.

WHO WE SERVE

• Agricultural Plantations • Commercial Farms • Organic Farming Enterprises • Horticulture & Nursery Operators • Greenhouse & Polyhouse Growers • Coffee & Tea Estates • Fruit Orchards • Vegetable Producers • Sugarcane & Plantation Industries • Forestry & Agroforestry Projects • Biofertilizer & Soil Amendment Manufacturers • Composting & Vermicomposting Units • Livestock & Poultry Farms • Aquaculture & Fisheries • Carbon Credit & Climate Solution Developers • Individual Biochar Users • Exporters & International Distributors

Owning your own Biochar Production Facility

Complete Turnkey Biochar Manufacturing Solutions

At BiochaarGold, we go beyond manufacturing premium biochar — **We empower businesses** to establish their own world-class biochar production facilities. We offer complete turnkey solutions for establishing **fully integrated biochar manufacturing facilities**, from design and engineering to installation, commissioning and operator training.

CHAARGOLD PRODUCT PORTFOLIO

- **ChaarGold™ Lump Charcoal** - Prosopis Juliflora, Coconut Shell, Bamboo & others
- **ChaarGold™ Briquettes-** Hexagonal, Pillow and Honeycomb
- **BiochaarGold™ -** Our Premium Biochar Brand
- **GoldFlame™ -** Our Signature Charcoal Briquette Stoves
- **Pyrolysis Retort Units** - Turnkey Biochar and Charcoal Manufacturing Solutions
- **Value-Added Byproducts -** Wood Vinegar, Wood Tar, Liquid Smoke & others

@CHAARGOLD
Follow us on Instagram

CHAARGOLD
Crafting Carbon Perfection
A Brand of the ChaarGold Group of Companies

Connect on Whatsapp

Corporate Headquarters : Bengaluru, Karnataka
Manufacturing Facility : Penukonda, Andhra Pradesh

ORDER NOW | **www.chaargold.com | +91 8105270415**

A Complete Range of Carbon Solutions for a Sustainable Future