

BhuKranti – Go Plus BIOCHAR TABLET

★ PRODUCT DESCRIPTION:

GO PLUS BIOCHAR TABLET - ORGANIC BIOCHAR FERTILIZER

GO PLUS Biochar Tablet is a high-efficiency organic biochar-based fertilizer formulated using Plant based Biochar, Cow Dung, Neem Cake powder, Natural Binder, and Purified Inert Lubricant. This Formulation offers Ultrafine particle size, Neutral pH, Organic Nutrients, Organic Matter, Natural Biopesticide, Controlled release & Precise Dosing mechanism Enhances Soil/Crop/Plant Performance with minimal application effort & make it ideal for Precision Agriculture, Horticulture, Plantation/Orchards/Perennial Crops, and Soil Rehabilitation.

The formulation is designed to improve Soil Fertility, Nutrient Efficiency, and Biological Activity in a sustainable manner.

Our GO PLUS Biochar Tablet is created to address the common shortcomings of traditional biochar forms. Unlike bulky loose biochar or water-mixed and high-temperature-dried compact products (Pellets/Briquetted).

This combination creates a Precision, High-Efficiency, Environmentally Safe Biochar delivery system, improving soil health while significantly reducing the required application quantity.

The tablet form delivers maximum impact with minimal quantity, making it a superior alternative to traditional loose biochar.

It functions as a Sustainable Soil Stabilizer, Source of Organic Nutrients & Natural Insecticidal/Natural Biopesticide.

It is designed to enhance:

- Soil Organic Carbon (SOC) & Organic Matter
- Water & nutrient retention capacity
- Soil structure & porosity
- Beneficial microbial activity
- Source Of Organic Nutrients (N, P, K & Micronutrients)
- Soil Health, Root Protection, and Microbial Balance by Suppressing Harmful Soil Organisms.
- Supporting Steady Nutrient Release and Improved Nutrient Uptake by Crops.

Our GO PLUS Biochar Tablet's strength lies in its tablet engineering:

- Fine Particle Biochar provides high reactivity (Soil Conditioner, Carbon Stabilizer, Nutrient Carrier)
- Fine Particle Cow Dung serves as a natural source of Organic Matter, Beneficial Microbes, and Organic Nutrients (N, P, K & Micronutrients)
- Fine Particle Neem Cake Powder – Source of Azadirachtin, Residual Oil & Bio-Active Compounds (Insecticidal/ Natural Biopesticide)
- Natural Binder ensures controlled release in soil
- Purified inert lubricant enhances stability and handling without affecting soil chemistry
- This formulation undergoes No Drying or Heat Treatment, ensuring that all ingredients remain in their Natural, Bio-Active State.

We treat plants and crops as living beings—just like humans—understanding that they too require balanced nutrition, protection, and a healthy environment to thrive.

With this philosophy, we developed Biochar & other Supportive active materials in an Innovative Tablet form, providing one of the most essential components for Soil & Crops health in a clean, compact, and efficient way.

Our GO PLUS Biochar Tablet restores soil structure, improves nutrient efficiency, enhances microbial life, and ultimately supports stronger, healthier plant growth.

Just as supplements support human well-being, our biochar tablets act as a long-lasting "health booster" for soil and crops—simple to apply, highly effective, and scientifically optimized.

★ Biochar Action in Acidic Soils =

The naturally occurring nutrient cations present in biochar help stabilize the pH of acidic soils, contributing to improved soil fertility. Biochar also provides a mild liming effect, and its inherent alkaline properties gradually increase soil pH, reducing excessive acidity. By moderating soil acidity, biochar creates a more favorable habitat for beneficial soil microorganisms, enhancing microbial activity and supporting efficient nutrient cycling. This results in improved soil health, better nutrient availability, and sustained crop growth. Additionally, biochar enhances water-holding capacity, improves cation exchange capacity (CEC) for better nutrient retention, and stabilizes overall soil structure. These combined effects boost soil fertility, increase nutrient availability, and support stronger, healthier crop growth.

★ Biochar Action in Saline/Alkaline Soils =

Our Pure Biochar formulation has a nearly neutral pH, making it unlikely to further increase the pH of already alkaline soils. Instead, its neutral character provides multiple physical and chemical benefits that help create a more stable and fertile environment for plant growth.

Biochar enhances soil structure, improves nutrient-holding capacity, and supports balanced water retention, all of which are essential in managing alkaline and saline soils. With repeated application, biochar helps reduce excess sodium (Na^+)—the primary cause of soil salinity—through cation exchange mechanisms. This gradual reduction of sodium improves soil permeability, reduces compaction, and enhances root development.

These actions contribute to improving the soil's buffering capacity, helping stabilize pH and preventing extreme fluctuations that can hinder plant growth and microbial activity.

Our formulated biochar features very low H/C (Hydrogen/Carbon) and O/C (Oxygen/Carbon) ratios, indicating a highly aromatic structure with excellent long-term stability, high fixed-carbon content, and superior carbon sequestration potential. Additionally, its balanced Carbon-to-Nitrogen (C/N) ratio supports healthy microbial populations by providing sufficient carbon for energy and adequate nitrogen for protein synthesis. This balance prevents nutrient lock-up (immobilization), ensures efficient decomposition, and promotes robust plant growth while enhancing soil biological activity.

★ Technical Specifications/Nutritional Content/Characteristic Analysis (Approximate Values)

Physical Parameters

Parameter	Results
Disintegration Time in water	3 minutes
Disintegration behavior in low water	Swells 3x of original weight & Liquifies
Moisture Content	4.87 %
Bulk Density	0.43 g/cm ³
Particle size / Particle size distribution (Powder form)	100% = <0.5mm

Microbiological Limits

Parameter	Results
Total Plate Count (TPC)	30980 CFU/G
Yeast & Mold	20 CFU/G
Pathogens	
E. coli	Absent (FCO complied)
Salmonella	Absent (FCO complied)
Total microbial load	>10000 CFU/G

* Contaminants (Heavy Metals & Organics): Within permissible limits mentioned in IBI/FCO/EBC

(16 EPA PAH, PCBs, PCDD/F, Aflatoxins – Not Detected)

STORAGE & HANDLING :

Store in a dry place.
Do not store above 45 °c.
Protect from Direct Sunlight & Moisture.
Keep the bag sealed.

SAFETY INFORMATION :

Eco-friendly & non-toxic.
Not for human or animal consumption.
For agricultural use only.

Chemical Properties

Parameter	Results
Total Organic Carbon (Corg)	27.4 % (FCO COMPLIED/ IBI Class 3)
pH	7.3
Electrical Conductivity	0.5 dS/m (FCO: <4 dS/m)
Ash Content	17.6 %
H/C ratio	0.3 (IBI/EBC: ≤ 0.7)
O/C ratio	0.2 (EBC: ≤0.4)
C/N Ratio	17 (FCO: <20)
Total N, P, K ⁺	6 % , 2 % , 3 %
Total Ca, Mg, S, Fe	Ca – 0.5 %, Mg - 0.4 %, S – 0.23 %, Fe- 0.12 %
Azadirachtin	0.22%
Residual Oil content	1.78%

Performance Tests

Test	Results
Germination Inhibition Assay	No Inhibition (IBI: Complied)
Earthworm Avoidance Test	Pass
Water Holding Capacity (WHC)	308 % (EBC: ≥200%)

MANUFACTURED & MARKETING BY :

CAMPRO,
Sagar Developer, Q Group, Unit No.B/3, Survey No. 352 B-1,
Western Express Highway, Next to JIO Petrol Pump,
Viva compound, Nalasopara East -Pelhar, Maharashtra - 401208.

Customer Care: 7768878618 / 8452849981

Email : biobhukranti@gmail.com

Website : www.bhukranti.com



Manufacturing License No.:

Batch No. :

Mfg. Date :

Exp. Date :

M.R.P. ₹ :

(Inclusive Of All Taxes)

USP ₹/kg :

Net Weight :

BhuKranti BIOCHAR TABLET SERIES

PREMIUM BIOCHAR TABLETS FOR
SUSTAINABLE GLOBAL AGRICULTURE



Our product conforms to all required specification limits for physical, chemical, contaminant, and agronomic performance parameters in accordance with following standards.

- FCO (Fertilizer Control Order - India)
- EBC (European Biochar Certificate)
- IBI (International Biochar Initiative)

Ensuring safe, sustainable, and high-performance agricultural use.

INGREDIENTS:

Each Compressed Tablet Contains:

Biochar⁺⁺(Biochar + Cow dung) 65.62 %
Neem Cake 12.5 %
Excipients (Pharma Grade) Q.S.

RECOMMENDED APPLICATION DOSE :

- Field Crops : 250 kg/acre
- Horticulture : 50 – 60 kg/acre
- Plantation/Orchards Crops : 75 gm –100 gm per plant
- Perennial plants : 50 gm per plant
- Nursery/Potting : 5–10% of potting mix

DIRECTIONS FOR USE :

Apply during soil preparation, basal dose, or plantation.
For better Results - Incorporate into topsoil (10–30 cm deep) and irrigate
(Necessity for Plantation (Monoculture)/Orchards Crops/Perennial plants).

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