Aryota Poales Pvt. Ltd.

Thinks Your Future



Compost is an important agricultural input that improves soil fertility, structure, moisture retention, and microbial activity for better crop growth. Vermicompost is especially valuable because it provides readily available nutrients and beneficial microbes in a natural form.

Farmer Grade

A cost-effective vermicompost for regular large-scale field application. A quick-acting vermicompost for soil activation and land preparation. It supports soil health, nutrient retention, and stable crop growth.

Booster Grade

A quick-acting vermicompost for soil activation and land preparation. It helps improve seedbeds, soil condition, and organic matter input.

Elite Grade

A balanced vermicompost for commercial farming. It enhances nutrient activity, root-zone performance, and yield stability.

Supreme Grade

A premium vermicompost for high-value crops. It improves humus content, soil regeneration, crop quality, and maximum productivity.



Vermicompost is a highly bioactive organic input that operates at the interface of ***plant physiology***, ***rhizosphere microbiology***, *and* ***biochemical signaling***, *functioning as a natural* ***plant growth regulator***, ***immunomodulator***, *and* ***stress-response enhancer***. *It stimulates* ***root apical meristem activity***, ***mitotic cell division***, ***cell elongation***, ***lateral root initiation***, *and* ***root hair proliferation***, *improving* ***nutrient uptake kinetics*** *and* ***water absorption efficiency***.

It contains bioactive fractions with ***auxin-like activity***, ***gibberellin-like activity***, *and* ***cytokinin-like activity***, *including compounds similar to* ***indole-3-acetic acid (IAA)***, ***gibberellins***, *and* ***cytokinins***, *which regulate* ***gene expression***, ***cell differentiation***, *and* ***vascular development***, *while activating* ***H⁺-ATPase*** *for enhanced* ***ion transport***.

At the defense level, vermicompost induces ***induced systemic resistance (ISR)*** *and* ***systemic acquired resistance (SAR)*** *through* ***signal transduction pathways*** *involving* ***salicylic acid (SA)***, ***jasmonic acid (JA)***, *and* ***ethylene (ET)***. *This leads to the production of* ***pathogenesis-related proteins (PR proteins)*** *and enzymes like* ***chitinase***, ***β-1,3-glucanase***, ***phenylalanine ammonia-lyase (PAL)***, *and* ***polyphenol oxidase (PPO)***, *resulting in* ***cell wall lignification*** *and* ***pathogen suppression***.

Under stress, vermicompost enhances ***osmotic adjustment***, ***cellular homeostasis***, *and accumulation of* ***osmolytes*** *such as* ***proline*** *and* ***glycine betaine***, *while activating* ***antioxidant enzymes*** *including* ***superoxide dismutase (SOD)***, ***catalase (CAT)***, ***ascorbate peroxidase (APX)***, *and* ***glutathione reductase (GR)*** *to neutralize* ***reactive oxygen species (ROS)***.

At the productivity level, it improves ***photosynthetic efficiency***, ***chlorophyll biosynthesis***, ***photosystem II (PSII) activity***, *and* ***carbon fixation (Calvin cycle)***, *along with enhanced* ***stomatal conductance*** *and* ***source–sink translocation***, *resulting in better* ***flowering***, ***fruit set***, ***grain filling***, *and overall* ***yield performance***.







Enhances soil organic carbon (SOC) levels

Improves cation exchange capacity (CEC)

Promotes beneficial rhizosphere microflora

Improves soil aggregation and structural stability

Enhances moisture retention and water holding capacity

Supports root zone development and rhizogenesis

Facilitates slow-release nutrient mineralization

Improves soil porosity and aeration

Strengthens soil buffering capacity

Supports consistent crop growth performance

Economical organic manure for broad agricultural use and routine crop nutrition

Improves soil fertility with essential macro, micronutrients, and bioactive compounds

Supports basic plant growth and enhances soil microbial activity

Ideal for cost-effective, long-term soil health and sustainable farming



Performance-oriented organic manure for crops needing strong, consistent nutrition

Enhances soil fertility and promotes active plant growth

Supports better vegetative development, flowering, and higher yields

Ideal for growers seeking more visible crop response than basic VermiCompost





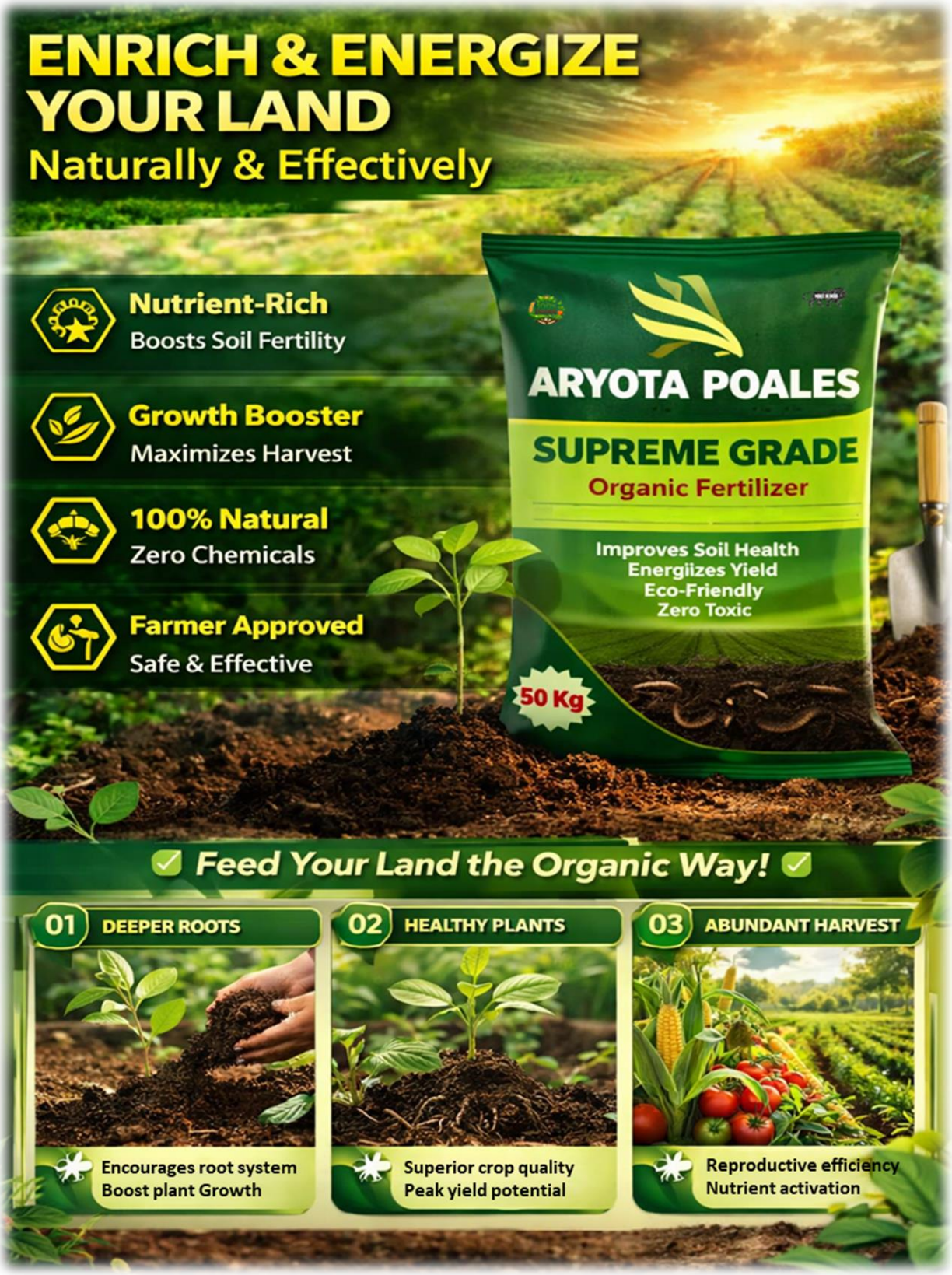
Premium organic manure for superior soil enrichment and advanced crop nourishment

Provides stronger nutritional support to enhance plant vigor, root activity, and crop quality

Promotes productive growth and improved overall field performance

Ideal for growers seeking high-value organic input for better crop appearance and sustainable yield enhancement





Top-tier organic manure for advanced soil enrichment and maximum crop support

Natural nourishment to enhance plant vigor, root activity, and nutrient efficiency

Improves crop quality and overall productive performance

Premium organic input for strong crop response, healthy soil ecology, and high cultivation



Aryota Poales Pvt. Ltd.

Thinks Your Future



Giant Reed Straws are **natural, plant-based drinking straws** made from the stem of *Arundo donax*, a fast-growing renewable grass. They are **biodegradable, compostable, and plastic-free**, offering a sustainable alternative to conventional plastic straws.

Each straw is **naturally hollow, durable, and heat-resistant**, making it suitable for both **hot and cold beverages**. The material retains its structural integrity without chemicals, coatings, or synthetic additives, ensuring a **safe, food-grade drinking experience**.

With a **smooth internal surface and natural texture**, these straws provide a premium eco-friendly feel while supporting **zero-waste lifestyles**. Being derived from renewable biomass, they help reduce environmental pollution and contribute to **sustainable consumption practices**.

Ideal for **homes, cafes, restaurants, and export markets**, Giant Reed Straws combine functionality, durability, and environmental responsibility in one natural solution.



SipGo

Grab a Sip. Choose Green

Juices & soft drinks

Home, cafés & travel

Reusable & washable

Hot & cold safe

Plastic-free choice

Available in 6mm, 8mm, 10mm & 12mm sizes

Strabo

A New Era. Refresh Your Mind

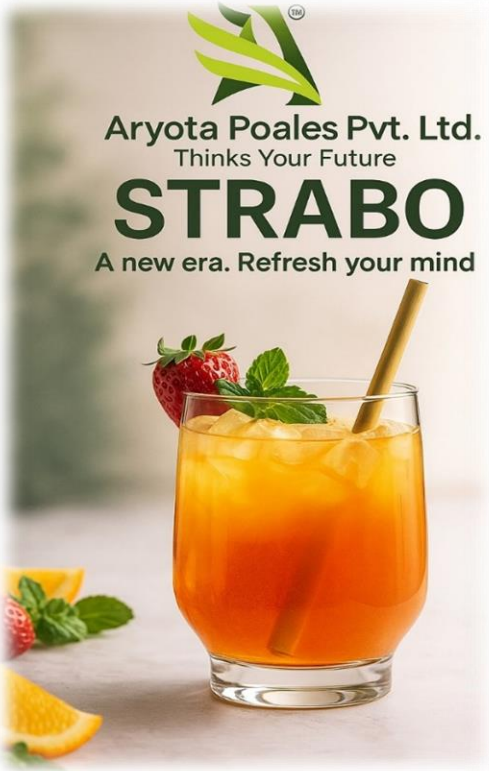
Mid-premium giant reed straws

Designed for modern cafés & style-conscious users

Focus on aesthetics and eco-lifestyle appeal

Balanced performance with refined look

Available in 6mm, 8mm, 10mm & 12mm sizes





Fresso

Fresh Feel. Zero Plastic

Premium luxury-natural straws

Ideal for cafés, hotels & resorts

Superior quality with clean natural finish

Designed for upscale user experience

Available in 6mm, 8mm, 10mm & 12mm sizes

Greenova

Inspired by Nature. Driven by Purity

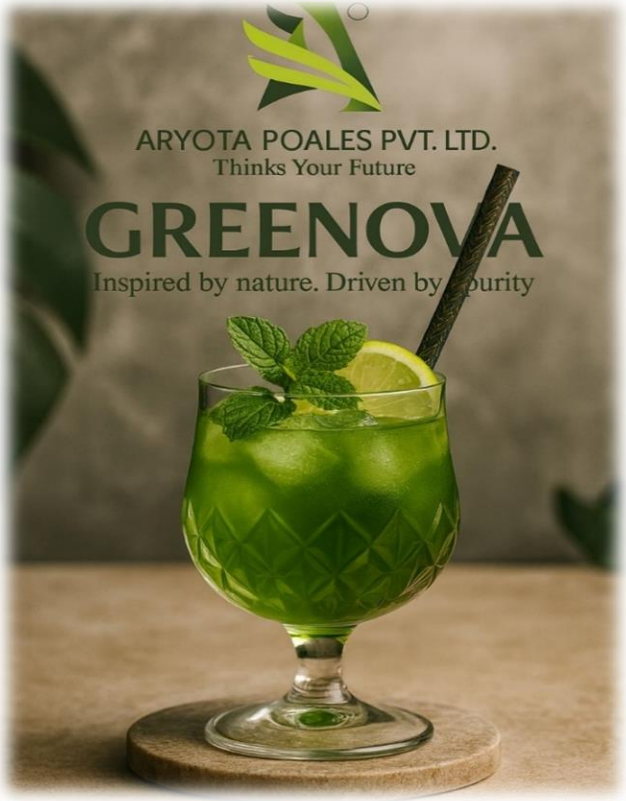
Eco-luxury straw range

Designed for premium retail & global markets

High standards of sustainability & quality

Appeals to conscious consumers

Available in 6mm, 8mm, 10mm & 12mm sizes



Aryota Poales Pvt. Ltd.

Thinks Your Future



Eco-friendly pens from natural giant reed

Sustainable alternative to plastic pens

Durable with unique natural appearance

Smooth writing, suitable for daily & gifting use

Customizable with branding or engraving