

SINERGIA FOR EXPORT

Transforming Nature's
Byproducts into Sustainable
Solutions

www.sinergiaeg.com



Presented By :SINERGIA Marketing Team



Experience Shapes Growth

With over a decade of experience in the corncob processing industry and agricultural byproducts, we have established ourselves as leaders in sustainability and innovation. Experts in agricultural engineering and environmental science make up our team, committed to creating solutions that not only meet our clients' needs but also respect the planet.

Join us in promoting sustainability and innovation. Whether you are looking for high-quality animal feed, eco-friendly , biofuels, or industrial solutions, we have the products you need.

General Uses of Corn Cob

Various industries can utilize corn cob for their incredibly versatile applications

Animal Feed

Corn cob are a nutritious source of micronutrients like potassium, calcium, and magnesium, beneficial for animal health and suitable for feeding cattle, pigs, and poultry due to their high nutrient content.

Industrial Applications

Corn cob granules are essential for absorbing hazardous wastes, liquids, grease, and oils. Their natural abrasiveness enables effective cleaning, polishing, and deburring without damaging the underlying material.

Biofuel Pellets

Perfect for use in pellet stoves, boilers, and industrial heating systems, corn cob pellets provide consistent heat output while reducing carbon emissions.

Animal Bedding

Natural corn cob bedding that absorbs and retains moisture, regulates ammonia levels, and is more durable than paper or wood because of its sponge-like cell structure.

The Role of Corn Cob in Sustainable Industrial Practices

At **SINERGIA** Products, we recognize the challenges of sourcing sustainable materials for your business. That's why we offer high-performance products that prioritize environmental sustainability. Our corn cob solutions are versatile, ideal for cleaning, polishing, and spill management, delivering exceptional results while supporting your green initiatives. Discover the diverse applications of corn cob products and why they are an excellent choice for your business needs.

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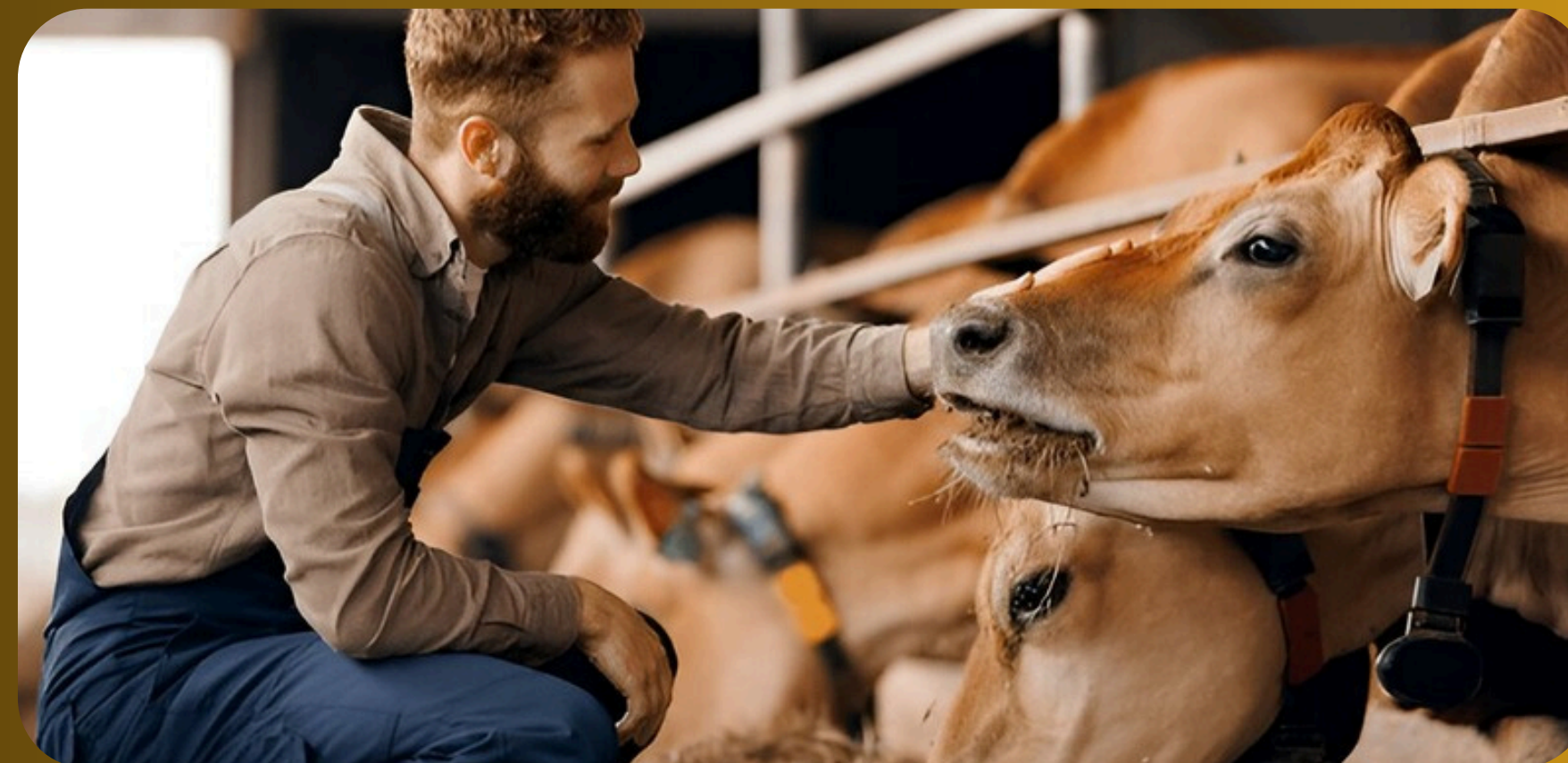


Corn cob as a Feed ingredient



Specifically, it promotes milk production in cows and assists in the containment of excess gastric juices in developing calves, particularly for ruminants. We also apply it to manufacture pellets for domestic rabbits and breeding purposes. Egypt's dry climate ensures that aflatoxins are not present.

For this application, we supply our corn cob granules in bulk to feed factories, ensuring a granule size of 3-8 mm. Our high-quality granules are specifically designed to meet the nutritional needs of livestock, promoting optimal growth and health. We are committed to delivering consistent and reliable products to support the feed industry effectively.

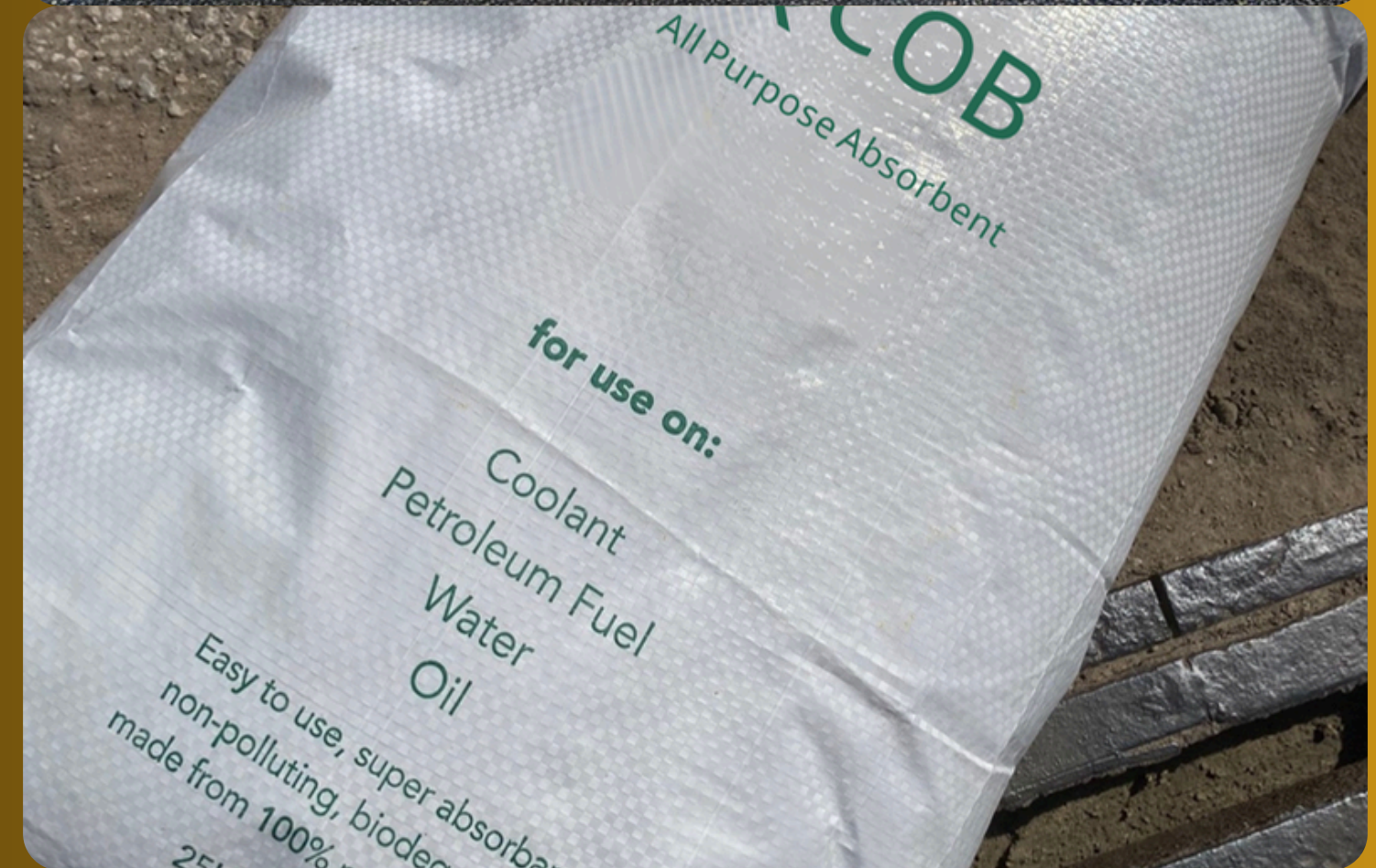


Absorbents to meet your containment needs

QCOB® Loose Absorbent

Our corn cob products can assist your business in adhering to health and safety regulations. Whether the spill is water- or oil-based, we have effective spill control products to make sure your facility has the right plan in place to clean up, contain, and stop spills at work.

- **Effective Absorption:** Absorbs four times its weight in water and oil-based liquids.
- **Versatile Use:** Suitable for thick liquids like paint, glue, resins, syrup, and varnish.
- **Non-Abrasive:** Safe for use on expensive equipment and floors.
- **High BTU Value:** Ideal for fuel combination.
- **Lightweight:** Easier to transport and use compared to clay absorbents.
- **Multi-Use Absorption:** Absorbs water, solvents, coolants, and oils.



QCOB® Finishing Tumbling And Blasting

Corn cob granules are a preferred medium for non-toxic blasting and polishing. Their natural abrasiveness allows for effective cleaning, polishing, and deburring without causing damage to the underlying material. This makes corn cob an ideal choice for refurbishing delicate components which require precision, such as automotive/aerospace engine parts, electrical assemblies, and historical artefacts.

SIZES : +8 ▪ 10/14 ▪ 14/20 ▪ 20/40 ▪ 40/60 ▪ – 80
PACKAGING: Paper/pp Bags ▪ 40 Bags / Pallet
Harness: MOH 4.5
APPEARANCE: Granular angular particles



QCOB®Eco Lab bedding

Made with pride in the EGYPT, this eco-friendly, hypoallergenic pet bedding is 99% dust-free and 100% biodegradable.

- QCOB® effectively controls ammonia levels by encapsulating urea salt crystals in animal urine. The sponge-like structure encapsulates ammonia and traps related odors.
- The structure of corn cob allows liquids to flow to the bottom of the cage, where they are absorbed from the bottom up. By filling in the gaps and providing additional surface area for rapid absorption and ammonia management.



QCOB®Eco Cat litter

- QCOB® effectively controls ammonia levels by encapsulating urea salt crystals in animal urine. The sponge-like structure encapsulates ammonia and traps related odors.
- QCOB® non-clumping cat litter is lightweight and easy to carry, with a density of 0.4 gm/cc. Its porous particles provide ample space for liquid containment, making litter changes quick. Its composition allows for strong absorption of waste, doesn't stick to litter boxes, and doesn't support bacterial life, making it hygienic and healthy for your cat.



QCOB® Pellets Premium Horse bedding

QCOB® Premium Horse Bedding is made from the lightest, most absorbent portions of the corncob. Without unsafe substances or additions, we compress these components into pellets using just water and steam as binding agents. The pellets create a very absorbent bedding material when they decompose into soft particles. QCOB® Premium Horse Bedding is 100% natural and will compost in as little as six months, which is one-fourth the time it takes for wood shavings.



QCOB® Pellets Alternative biomass fuel

- Because of its fast burning rate, corn cob pellet fuel is frequently utilized for house heating. For boilers used in the biomass industry, corn cob pellet fuel can be used as a type of primary fuel in place of coal, gas, oil, etc., while causing less pollution to the environment. In power plants, corn cob pellets can be utilized to generate electricity.
- For our wholesale customers, we offer corn cob pellets packaged in two convenient formats: bigbags and 15 kg bags. These bags are securely loaded onto sturdy wooden pallets for easy handling and transportation. This packaging ensures that our corn cob pellets remain protected during transit and storage, making it easier for wholesalers to manage their inventory and distribute the product efficiently.



Our Data at a Glance

- Export Volume: Over 1 million tons exported to the global market since foundation.
- Client Satisfaction: We have a diverse base of satisfied clients worldwide.
- Local Market Performance: In 2024, we successfully supplied the local market with 96,000 tons of various materials produced.

[CONTACT US FOR MORE INFO](#)



Our Management Team



Mousa Mohamed
Operation Manager



Tamer Gamal
CEO



Mai Adel
Head of Logistics

I am grateful for your resilience, creativity, and collaboration. I am honored to collaborate with such exceptional characters. We should persist in our efforts to provide mutual support and aspire for excellence.

Tamer Gamal



Laboratory Animal Bedding



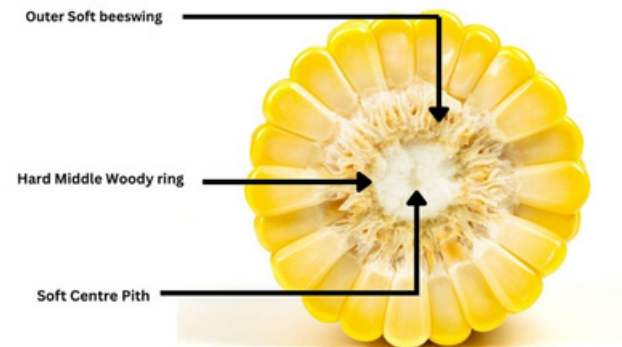
Corn Cob Product Information

Corn cob consists of parts with different characteristics, namely-fine chaff, coarse chaff and wooden ring, which have various applications.

Each part of the cob varies in its degree of fibrousness, absorbency and hardness.

Corn Cob's are milled and dried using a unique technique.

The product is precisely screened and thoroughly air-washed for uniform quality and size, in line with Global laboratory standards.



Product Characteristics

- Absorbent-holding up to four times its weight of fluid
- Available in various uniform sizes
- Tough resilient & durable
- Non-toxic
- Inert
- Biodegradable

In addition, Corn Cob bedding is low dust, which is a big advantage to customers using Individually Ventilated Cages (IVC's) and isolators, where HEPA filters often get clogged by conventional bedding. Corn Cob is also more densely packed, meaning that more cages can be filled from a single bag and the bags last longer.

Using Corn Cob bedding, rodent cages can be changed as infrequently as every 2

Week, as the cage remains dry and clean longer and labour is reduced as corn Cob bedding rarely gets wet or sticks to the cage requiring scrubbing or soaking.