YELAHANKA CENTER

COCONUT RACHIS FIBER BLEND

PROBLEM STATEMENT

Coconut farmers grapple with the challenge of efficiently handling coconut rachis waste, causing environmental and economic issues. The absence of sustainable disposal practices leads to pollution, hinders agriculture, and restricts farmer incomes. Solving this demands innovative methods to convert coconut rachis waste into valuable resources, ensuring environmental sustainability and economic gains. Developing practical and scalable approaches is crucial for helping farmers manage and repurpose this waste, turning it into a valuable asset for enhanced agricultural and environmental sustainability.

TEAM MEMBERS

Rakshitha. R
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SOLUTION

Introducing our groundbreaking "Coconut Rachis Fiber Blend" solution, we present an innovative strategy to tackle the issue of coconut rachis waste while promoting sustainable agriculture. This cutting-edge approach involves mechanically crushing coconut rachis into manageable fiber particles, blending them with organic fertilizers. The resulting blend serves as a nutrient-rich, eco-friendly growth medium for smaller plants, ideal for urban and rooftop farming. By transforming waste into a valuable resource, this solution addresses environmental concerns, encourages sustainable farming, and empowers farmers with a cost-effective and space-efficient tool for enhancing soil fertility and plant health.