



PROFILE

In the cutting-edge world of high-tech greenhouse farming, Coir Pith emerges as a game-changing growing medium. This innovative, eco-friendly solution optimizes water management, promotes healthy root development, and boosts crop yields.

Key Benefits:

1. Precision Watering: Coir Pith's high water-holding capacity ensures optimal moisture levels, reducing water consumption by up to 50%.
2. Root Zone Optimization: Coir Pith's porous structure and natural nutrients create an ideal environment for root growth, increasing crop yields by up to 25%.
3. Temperature Regulation: Coir Pith's insulation properties maintain consistent soil temperatures, reducing heat stress and promoting healthy plant growth.
4. Disease Suppression: Coir Pith's natural antimicrobial properties minimize disease risk, reducing the need for chemical pesticides.
5. Sustainability: Coir Pith is a renewable, biodegradable resource, reducing waste and environmental impact.

Technical Specifications:

- Water-holding capacity: up to 9:1
- pH range: 5.5-6.5
- Electrical conductivity: <1 mS/cm
- Particle size: 1-5 mm
- Density: 100-150 kg/m³

Integration with High-Tech Greenhouse Systems:

1. Automated irrigation systems
2. Climate control systems
3. Soil sensors and monitoring systems
4. Hydroponic and aeroponic systems

Case Studies:

- Increased tomato yields by 30% in Dutch greenhouses
- Reduced water consumption by 40% in Australian greenhouse farms
- Improved lettuce quality and shelf life in US-based greenhouses

Certifications:

- ISO 9001:2015
- Organic certified
- RHP certified

Why Choose Us?:

1. Competitive Pricing
2. Timely Deliveries
3. Quality Assurance
4. Customized Solutions
5. Sustainable Practices