

# **Global Agricultural Textiles Market Size Study, by Material (Nylon, Polyester, PE, PP, Natural Fiber), by Fabric Formation Technology (Woven, Knitted, Nonwoven), by Product Type (Shade Nets, Mulch Mats), by Application, and Regional Forecasts 2022-2032**

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## **Abstracts**

The Global Agricultural Textiles Market is valued at approximately USD 15.9 billion in 2023 and is anticipated to grow with a steady CAGR of 4.8% over the forecast period 2024-2032. Agricultural textiles, also known as agro-textiles, play a pivotal role in modern farming practices by enhancing productivity and reducing environmental impact. These textiles are engineered to meet diverse agricultural needs, ranging from crop protection and soil enhancement to water conservation. By leveraging advanced materials such as nylon, polyester, and polypropylene, along with fabric formation technologies like woven and nonwoven processes, agricultural textiles provide durable and cost-effective solutions that cater to the evolving demands of the agriculture sector.

The market growth is underpinned by the increasing adoption of sustainable farming techniques and the rising need for efficient crop management systems. Shade nets and mulch mats, two widely used product types, significantly contribute to optimizing growing conditions and improving crop yields. Moreover, the expansion of greenhouse farming, coupled with the implementation of water conservation initiatives, has further propelled the demand for agro-textiles. However, fluctuating raw material prices and limited awareness in emerging economies may pose challenges to market penetration during the forecast period.

Regionally, North America and Europe held substantial shares in the agricultural textiles

market in 2023, driven by well-established farming practices and the adoption of advanced technologies. The Asia Pacific region is poised for the fastest growth, fueled by increasing agricultural investments, population-driven food demand, and government support for sustainable farming methods in countries like India and China. Latin America and the Middle East & Africa regions also present promising opportunities, supported by expanding agricultural activities and infrastructural developments.

Major market players included in this report are:

Low & Bonar PLC

SRF Limited

Tama Group

Beaulieu Technical Textiles

Diatex SAS

TenCate Geosynthetics

Belton Industries, Inc.

Garware Technical Fibres Ltd.

Hy-Tex (UK) Ltd

B&V Agro Irrigation Co.

Meyabond Industry & Trading (Beijing) Co., Ltd.

Zhongshan Hongjun Nonwoven Co., Ltd.

Fiberweb India Ltd

Neo Corp International Limited

JX Nippon ANCI, Inc.

The detailed segments and sub-segment of the market are explained below:

#### By Material

Nylon

Polyester

Polyethylene (PE)

Polypropylene (PP)

Natural Fiber

#### By Fabric Formation Technology

Woven

Knitted

Nonwoven

#### By Product Type

Shade Nets

Mulch Mats

#### By Application

Crop Protection

Soil Management

Water Conservation

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical Year: 2022

Base Year: 2023

Forecast Period: 2024-2032

Key Takeaways:

Market estimates and forecasts for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level insights for major regions.

Competitive landscape featuring information on major market players.

Analysis of key business strategies and actionable recommendations for future market approaches.

Examination of the competitive structure of the market.

Demand-side and supply-side analysis of the market.

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