

Agro Textiles Market Report by Product (Shade-nets, Mulch-mats, Anti-hail Nets and Bird Protection Nets, Fishing Nets, and Others), Application (Agriculture, Horticulture and Floriculture, Aquaculture, and Others), and Region 2024-2032

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Report description:

The global agro textiles market size reached US\$ 5.1 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 7.5 Billion by 2032, exhibiting a growth rate (CAGR) of 4.3% during 2024-2032.

Agro textiles are utilized in farming, horticulture, and animal husbandry for shading, livestock protection, the extension of the growing season, and weed and insect control. They offer excellent properties such as strength, stiffness, porosity, biodegradation, and sunlight resistance. As a result, they are used in shade houses, greenhouses, and open fields worldwide to prevent crop damage from harsh environmental conditions like wind, rain, temperature, and humidity. Some of the commonly available agro textiles include sunscreens, mulch mats, harvesting nets, bird net windshields, and hail protection nets.

Agro Textiles Market Trends:

Increasing challenges, such as crop protection and weed control, faced by farmers in the agriculture sector to improve the overall yield represents one of the major factors impelling the demand for agro textiles. Moreover, with the declining arable land area and increasing food insecurities, governing agencies of numerous countries are promoting the adoption of hi-tech farming techniques. This, in turn, is contributing to the growth of the market. Apart from this, due to the growing environmental concerns, the emerging trend of sustainable farming, and the introduction of landfill legislations, natural fiber-based agro textiles are gaining traction around the world. These textiles offer protection against solar radiation and slow down the evapotranspiration effects caused by the wind, reducing the need for fertilizers, weedkillers and water, and preventing desiccation and product damage. This, in confluence with the growing emphasis on developing smart, high-performance materials using modern technologies, is anticipated to drive the market.

Key Market Segmentation:

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IMARC Group provides an analysis of the key trends in each sub-segment of the global agro textiles market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product and application.

Breakup by Product:

- Shade-nets
- Mulch-mats
- Anti-hail Nets and Bird Protection Nets
- Fishing Nets
- Others

Breakup by Application:

- Agriculture
- Horticulture and Floriculture
- Aquaculture
- Others

Breakup by Region:

- North America
 - o□United States
 - o□Canada
- Asia-Pacific
 - o□China
 - o□Japan
 - o□India
 - o□South Korea
 - o□Australia
 - o□Indonesia
 - o□Others
- Europe
 - o□Germany
 - o□France
 - o□United Kingdom
 - o□Italy
 - o□Spain
 - o□Russia
 - o□Others
- Latin America
 - o□Brazil
 - o□Mexico
 - o□Others
- Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being B&V Agro Irrigation Co., Beaulieu Technical Textiles, Belton Industries, Inc., Capatex Ltd., Diatex, Hy-Tex (U.K.) Ltd., Meyabond Industry & Trading (Beijing) Co. Ltd., Neo Corp International Limited, SRF Limited and Zhongshan Hongjun Nonwovens Co. Ltd.

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Key Questions Answered in This Report:

- How has the global agro textiles market performed so far and how will it perform in the coming years?
- What has been the impact of COVID-19 on the global agro textiles market?
- What are the key regional markets?
- What is the breakup of the market based on the product?
- What is the breakup of the market based on the application?
- What are the various stages in the value chain of the industry?
- What are the key driving factors and challenges in the industry?
- What is the structure of the global agro textiles market and who are the key players?
- What is the degree of competition in the industry?

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