

Mulch Films Market by Type (Clear/Transparent, Black Mulch, Colored Mulch, Photo-selective Mulch, Degradable Mulch), Application (Agricultural and Horticulture), Element (LLDPE, LDPE, HDPE, EVA, PLA, PHA) and Region - Global Forecast to 2028

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Abstracts

The Mulch Films market is projected to grow from USD 7.8 Billion in 2023 to USD 10.6 Billion by 2028, at a CAGR of 6.5% during the forecast period. As the world's population continues to increase, there is an escalating demand for food to meet the nutritional needs of billions of people. The current global population is nearly 7.9 billion and is projected to reach 9.8 billion by 2050. To address this challenge, the agricultural industry has to enhance productivity and efficiency. Mulch films provide a sustainable and effective solution to this. They are used to create a protective cover over the soil, helping to regulate soil temperature, conserve moisture, and suppress weed growth. These benefits, in turn, lead to improved crop yields. This may help boost agricultural productivity and help fulfill the growing demand for food.

“The black mulch in mulch films type segment is expected to be one of the dominant segments in the Asia Pacific region.”

The Black mulch segment in mulch films has emerged as one of the dominant segments in the Asia Pacific region, and this growth can be attributed to several factors, making it particularly suitable for the agricultural landscape in this area. Black mulch films have gained popularity due to their ability to control weed growth effectively. Weeds can be a significant challenge in Asian agriculture, where labor costs for weeding are relatively high. Black mulch films, by blocking sunlight and preventing weed growth, not only reduce the need for labor-intensive weeding but also conserve soil moisture, enhancing overall crop health. Moreover, according to MDPI study report of

“Mulching as a Sustainable Water and Soil Saving Practice in Agriculture” made in 2022, Black plastic mulch could boost water productivity, rice yield, and quality while also conserving soil moisture quality.

“Horticulture is one of the segments that is projected to grow in the application segment during the forecast period.”

Horticulture, which includes the cultivation of fruits, vegetables, and ornamental plants, places a premium on crop quality and precision farming. For instance, in the cultivation of high-value crops like strawberries, the use of mulch films, specifically designed for horticultural purposes, has resulted in several advantages. Mulch films regulate soil temperature, conserve moisture, and prevent soil compaction, creating an environment conducive to optimal crop growth. The enhanced weed control capabilities of mulch films are particularly vital in horticulture, as they ensure that valuable horticultural crops are not compromised by weed competition.

Furthermore, mulch films also protect the fruit or vegetable from direct contact with the soil, reducing the risk of spoilage and disease. The precision and control offered by mulch films in horticulture align with the increasing demand for high-quality produce, organic farming, and sustainable practices, making it a thriving segment in the mulch films market. As consumers increasingly seek fresh and nutritious produce, horticultural applications stand to benefit significantly from the adoption of mulch films.

The break-up of the profile of primary participants in the controlled-release fertilizers market:

By Company Type: Tier 1 – 20%, Tier 2 – 45%, and Tier 3 – 35%

By Designation: C Level – 22%, Director Level – 28%, Others-50%

By Region: Asia Pacific – 28%, Europe – 21%, North America – 32%, South America – 7%, and Rest of the World – 12%

Prominent companies include BASF SE (Germany), Berry Global Inc (US), Dow (US), Kuraray (Japan), Exxon Mobil Corporation (US), and RKW Group (Germany) among others.

Research Coverage:

Mulch Films Market by Type (Clear/Transparent, Black Mulch, Colored Mulch, Photo-selective Mulch, Degradable M...

This research report categorizes the mulch films market by Type (Clear/Transparent, Black mulch, Colored mulch, Photo-selective Mulch, Degradable mulch, and Others), Application (Agricultural Farms, and Horticulture), Element (LLDPE, LDPE, HDPE, EVA, PLA, PHA, and Others) and Region (North America, Europe, Asia Pacific, South America, and Rest of the World). The scope of the report covers detailed information regarding the major factors, such as drivers, restraints, challenges, and opportunities, influencing the growth of the mulch films market. A detailed analysis of the key industry players has been done to provide insights into their business overview, solutions, and services; key strategies; contracts, partnerships, agreements, new product & service launches, mergers and acquisitions, and recent developments associated with the mulch films market. Competitive analysis of upcoming startups in the mulch films market ecosystem is covered in this report.

Reasons to buy this report:

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall mulch films market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (Rising demand for greenhouse applications coupled with rising environmental concerns, Rapid urbanization and industrialization, Increasing crop productivity demand, and Increasing advancement in farming techniques), restraints (Competing farming techniques, and, Implementation of additional pest and disease management measures for farmers), opportunity (Increasing demand for environmentally friendly and biodegradable mulch films, Expanding horticulture and specialty crop production, and, Utilization of mulch films in high-tunnel and greenhouse farming), and challenges (Installation and maintenance of mulch films, and Raising environmental sustainability concerns) influencing the growth of the mulch films market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the mulch films market.

Market Development: Comprehensive information about lucrative markets – the report analyses the mulch films market across varied regions.

Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the mulch films market.

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like BASF SE (Germany), Berry Global Inc (US), Dow (US), Kuraray (Japan), Exxon Mobil Corporation (US), and RKW Group (Germany) among others in the mulch films market strategies. The report also helps stakeholders understand the mulch films market and provides them with information on key market drivers, restraints, challenges, and opportunities.

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*Details on Business Overview, Products/Solutions/Services Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

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