

A Comprehensive Study of the Agricultural Films Industry: Trends and Forecast, 2031

The global agricultural films market is projected to reach \$21.1 Billion by 2031, growing at a CAGR of 6.5% from 2024 to 2031.

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The Allied Market Research report provides a comprehensive analysis of the global [agricultural films market](#), offering valuable insights into current market size and projected growth across various segments based on

type, solution, and end user. The study includes an in-depth regional assessment and delivers a thorough overview of market dynamics throughout the forecast period. It highlights the key drivers propelling industry growth, examines prominent segments, and evaluates the competitive landscape by profiling leading industry players. Designed to support strategic planning, the report equips stakeholders with actionable intelligence to strengthen their market presence in the evolving emollient industry.



Agricultural Films Market Forecast

According to the study, the industry is projected to rise at a CAGR of 6.5% from 2024 to 2031, generating revenue of \$21.1 Billion by 2031. The market was valued at \$12.8 billion in 2023.

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Prime factors boosting the growth of the sector

The growing need for crop protection is expected to drive market growth during the forecast period. These films help shield crops from adverse weather conditions, such as extreme temperatures, heavy rain, and strong winds, by creating a stable microclimate, especially in greenhouses and row covers. They also help prevent soil- and airborne plant diseases, reducing crop loss and promoting long-term soil health. As a result, agricultural films support consistent yields and sustainable farming practices.

However, the market faces challenges from rising adoption of alternatives like organic mulches and advanced irrigation systems. Organic mulches improve soil fertility and avoid plastic waste, while technologies like drip and precision irrigation reduce the need for plastic films. Still, integrating agricultural films with smart farming, using sensors to optimize their use based on real-time soil and climate data, presents significant future growth opportunities.

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How advanced agricultural films are revolutionizing modern farming

Agricultural films have become indispensable in modern farming, with the latest applications focusing on both productivity and sustainability. Innovations such as soil-biodegradable mulch films are now widely adopted to enhance crop yield, speed up harvesting, and conserve water and herbicides, while also addressing environmental concerns. These advanced films, made from certified biodegradable polymers, are ploughed back into the soil after harvest, eliminating persistent microplastic pollution and supporting sustainable agricultural practices. In addition, multi-layer and UV-resistant films are increasingly used in greenhouse and controlled-environment agriculture (CEA) to optimize temperature regulation, light diffusion, and pest protection, enabling year-round cultivation even in regions facing climatic challenges.

The latest trends also highlight the integration of agricultural films with precision farming technologies. Films are now customized for specific crops, improving efficiency in water, fertilizer, and pest management. Controlled-release films, which gradually deliver nutrients or pesticides, are gaining traction for their ability to reduce waste and enhance crop health. Furthermore, the demand for silage stretch films is rising due to the need for improved forage storage and livestock production. As the industry faces regulatory pressures and climate variability, the development and adoption of eco-friendly, biodegradable agricultural films are set to expand, ensuring both higher yields and reduced environmental impact.

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Top players listed in the report

The report presents a comprehensive assessment of the leading companies in the sector, examining their market share, competitive standing, and overall impact on the industry. This evaluation offers valuable insights into the strategic initiatives and contributions of key players driving market development. Notable companies highlighted in the report include:

Novamont S.p.A.

Dow,

Berry Global Inc.,

Trioworld

Coveris

Armando Alvarez Group

RKW Group,

Exxon Mobil Corporation

BASF SE

Plastika Kritis S.A.,

In conclusion, the global agricultural films industry study offers critical insights for businesses, investors, and stakeholders alike. The report equips decision-makers with the information needed to identify growth prospects and implement strategies for long-term success by analyzing emerging trends, regional dynamics, and the competitive landscape.

Access Full Summary Report: <https://www.alliedmarketresearch.com/agricultural-films-market>

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