

# Global Agriculture Films Market Size Study, by Type (LDPE, LLDPE, EVA, Reclaim, HDPE), by Application (Greenhouse Film, Mulch Film, Silage Film), and Regional Forecasts 2022-2032 Global Agriculture Films Market to reach USD 23.90 billion by 2032.

<https://marketpublishers.com/r/GD154C3F715EEN.html>

Date: January 2025

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: GD154C3F715EEN

## Abstracts

The Global Agriculture Films Market, valued at approximately USD 12.89 billion in 2023, is anticipated to grow at a compound annual growth rate (CAGR) of 7.10% during the forecast period from 2024 to 2032. Agriculture films, comprising various polymer-based materials, play a pivotal role in enhancing agricultural productivity by improving crop yield and quality. These films are employed across diverse applications, including greenhouse coverage, mulching, and silage wrapping, to optimize microclimatic conditions, minimize water evaporation, and protect crops from environmental stressors. The growing emphasis on sustainable farming practices and efficient resource utilization is driving the market's robust expansion.

The increasing global population and the resultant surge in food demand are key drivers for the agriculture films market. The need to maximize agricultural productivity on limited arable land has propelled the adoption of these films across both developed and developing regions. Advances in material science have led to the development of high-performance films, such as LDPE, LLDPE, and EVA, which offer superior durability, UV resistance, and recyclability. While the environmental concerns associated with plastic waste present a significant challenge, the advent of reclaim and biodegradable film options is addressing these issues, fostering positive market dynamics.

Geographically, the market exhibits varied growth patterns. North America and Europe dominate the landscape, underpinned by advanced agricultural infrastructure and the presence of key manufacturers. Meanwhile, the Asia-Pacific region is poised to witness

the fastest growth, driven by rising investments in modern farming techniques and supportive government initiatives. Countries like China, India, and Japan are experiencing heightened demand for agriculture films, particularly in greenhouse and mulching applications, as they strive to ensure food security amidst climatic challenges.

The rapid pace of innovation within the agriculture films sector is redefining its value proposition. The integration of technologies such as nanotechnology and multilayer extrusion has enabled the production of films with enhanced thermal insulation, pest resistance, and controlled permeability. Strategic collaborations between industry stakeholders, including polymer manufacturers, agricultural enterprises, and research institutions, are further catalyzing product development and market penetration. As the agriculture sector continues to evolve, agriculture films are expected to remain integral to sustainable and high-yield farming practices.

Major market players included in this report are:

BASF SE

Berry Global Inc.

RKW Group

Kuraray Co., Ltd.

Grupo Armando Alvarez

Trioplast Industrier AB

Coveris Holdings S.A.

Novamont S.p.A.

ExxonMobil Corporation

Polyplex Corporation Limited

Dow Inc.

AEP Industries Inc.

Ab Rani Plast Oy

Plastika Kritis S.A.

Ginegar Plastic Products Ltd.

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

By Type:

LDPE

LLDPE

EVA

Reclaim

HDPE

By Application:

Greenhouse Film

Classic Greenhouse

Low Tunnel

Mulch Film

Black Mulches

Transparent Mulches

Silage Film

Silage Stretch Wrap

Silage Bag

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 to 2032

Key Takeaways:

Comprehensive market estimates and forecasts for the 2022-2032 period.

Regional analysis, including country-level insights.

Detailed segmentation analysis covering types and applications.

Competitive landscape profiling leading market players and their strategic initiatives.

Actionable insights to capitalize on emerging trends and growth opportunities.

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