

# Biodegradable Mulch Film Market by Raw Material Type (Starch, Polylactic Acid, Polyhydroxyalkanoate, and Others) and Crop Type (Fruits & Vegetables, Grains & Oilseeds, and Flowers & Plants) - Global Opportunity Analysis and Industry Forecast, 2017-2023

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# **Abstracts**

Mulching is a beneficial technique applied in agricultural fields to cover the topsoil in order to provide a conducive environment for crop production. In this practice, a physical barrier is created to decrease evaporation of soil water. Mulching can be done by use of organic and inorganic materials. This technique is highly advantageous as it assists in weed control, maintains oil structure, and prevents crops from soil contamination. Organic materials used for this process are derived from flora and fauna. Waste produced by organic mulching or biodegradable mulching need not be disposed like in case of waste produced by inorganic mulching. This waste is transformed into carbon dioxide, methane, water, or biomass at the end of its shelf life, thereby benefiting the agricultural soil.

Harmful effects caused by use of inorganic mulching materials on the environment drive the biodegradable mulch films market. Moreover, the stringent government regulations related to acceptable emission levels of mulching materials boosts the growth. However, the high installation cost of biodegradable mulch films impedes this probable growth. Nevertheless, the global population growth leading to high demand for crop production is expected to offer a major growth opportunity for market expansion. The global biodegradable mulch film market is segmented based on raw material type, crop type, and region. Based on raw material type, it is divided into starch, polylactic acid, polyhydroxyalkanoate, and others. The crop type segment includes fruits & vegetables, grains & oilseeds, and flowers & plants. Region wise, the market is



analyzed across North America, Europe, Asia-Pacific, and LAMEA. The major players profiled in this study are as follows:

**BASF SE** 

Biobag International As

**RKW Group** 

AEP Industries Inc.

**Dow Chemical Company** 

British Polyethylene Industries Plc

Armando Alvarez Group

Al-Pack Enterprises Ltd.

Novamont

Xinfu Pharmaceutical

#### **KEY BENEFITS FOR STAKEHOLDERS**

The report provides an in-depth analysis of the current trends, drivers, and dynamics of the global biodegradable mulch film market to elucidate the prevailing opportunities.

It offers qualitative trends and quantitative analysis from 2016 to 2023 to assist stakeholders to understand the market scenario.

In-depth analysis of the key segments helps in locating the attractive markets and their end users.

Competitive intelligence of the industry highlights the business practices followed by key players across geographies.



The key players are profiled along with their strategies & developments to understand the competitive outlook of the industry.

## **KEY MARKET SEGMENTS**

KEY MARKET SEGMENTS		
By Raw Material Type		
Starch		
Polylactic Acid (PLA)		
Polyhydroxyalkanoate (PHA)		
Others		
By Crop Type		
Fruits & Vegetables		
Grains & Oilseeds		
Flowers & Plants		
By Region		
North America		
U.S.		
Canada		
Mexico		
Europe		

Germany



	UK	
	France	
	Italy	
	Russia	
	Rest of Europe	
Asia-Pacific		
	China	
	India	
	Japan	
	South Korea	
	Australia	
	Rest of Asia-Pacific	
LAMEA		
	Brazil	
	Argentina	
	South Africa	
	Rest of LAMEA	

# **KEY PLAYERS**

AB Rani Plast Oy



Kingfa Sci & Tech Co Ltd.

Ira Agrotech & Research Pvt. Ltd.

The Barbier Group

Saurya Poly Pack

(The aforementioned companies have not been profiled in the report, but can be included on request.)



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