

# **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

### 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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