Biodegradable Mulch Films Market Analysis By Raw Material, By Crop Type And Segment Forecasts To 2024

Description:

"Biodegradable Mulch Films Market Analysis By Raw Material (Thermoplastic Starch (TPS), Polylactic Acid (PLA), Polyhydroxyalkanoates (PHA), Aliphatic-Aromatic Copolymers (AAP)), By Crop Type (Fruits & Vegetables, Grains & Oilseeds, Flowers & Plants) And Segment Forecasts To 2024"

The global biodegradable mulch films market value is expected to reach USD 64.3 million by 2024, according to this report. Growing population coupled with depleting arable land is anticipated to drive the market growth over the next eight years. Biodegradable mulch films are used to enhance crop quality by suppressing weed growth and maintaining soil temperature.

Biodegradable mulch films have a lower environmental impact as they do not produce any harmful waste, and their disposal is easy. Government regulations promoting bio-based product usage, especially in Europe and North America is expected to drive market growth over the foreseeable future. Key players in the industry have been investing in R&D to develop fully bio-based mulch films.

Fruits & vegetables emerged as the leading crop using biodegradable mulch films and accounted for 51.1% of total market revenue in 2015 and is also anticipated to witness the fastest growth over the next eight years. The high growth may be attributed to biofilm ability to prevent fruits from rotting by preventing contact between fruit and soil.

Further key findings from the report suggest:

Thermoplastic starch (TPS) was the leading raw material in 2015 and is expected to reach a market worth USD 47.3 million by 2024, growing at a CAGR of 7.7% from 2016 to 2024. The high demand may be attributed to the easy availability of starch at low prices coupled with an inability to produce any harmful products when placed in soil.

Starch blended with polylactic acid (PLA) is also expected to witness a brisk growth over the forecast period. The high growth may be attributed to their advantage of being produced from 99% biobased material coupled with growing PLA films demand particularly in Europe.

Asia Pacific was the major consumer and accounted for 64.1% of global revenue in 2015 and is expected to witness the fastest growth in the biodegradable mulch film market over the next eight years owing to growing industrialization resulting in rising food demand.

Major companies operating in the global biodegradable mulch film industry include Kingfa Sci & Tech Co Ltd, Al-Pack Enterprises Ltd, BioBag International AS, RKW SE, AEP Industries Inc, BASF, Novamont, British Polythene Industries PLC, Armando Alvarez and Ab Rani PlastOy. Major companies have been adopting various strategies such as M&A, joint ventures, new product development and capacity expansions to increase their market share.

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