

Biostimulants Market by Active Ingredients (Humic Substances, Seaweed Extracts, Amino Acids, Minerals & Vitamins), Crop Type, Mode of Application (Foliar treatment, Soil treatment, Seed treatment), Form, and Region - Global Forecast to 2030

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Report description:

The global market for biostimulants is estimated to be valued at USD 4.46 billion in 2025 and is projected to reach USD 7.84 billion by 2030, at a CAGR of 11.9% during the forecast period. The growing demand for organic farming is a significant driver of the biostimulants market, as consumers increasingly seek chemical-free, sustainably produced food. Biostimulants are gaining popularity among farmers looking to enhance crop yield, quality, and resilience to environmental stress without relying on synthetic fertilizers or pesticides. Their ability to improve nutrient uptake, promote soil health, and boost plant growth aligns well with organic farming practices, further accelerating their adoption. Additionally, supportive government policies encouraging sustainable agriculture are contributing to the rising use of biostimulants across various crops.

"The foliar treatment segment holds the highest market share in the mode of application segment of the biostimulants market." Foliar treatment holds the highest market share in the mode of application segment of the biostimulants market due to its effectiveness in delivering nutrients and biostimulant compounds directly to plant leaves, ensuring rapid absorption and quick response. This method is particularly popular for enhancing plant growth, improving nutrient use efficiency, and boosting stress tolerance in high-value crops like fruits, vegetables, and ornamental plants. Its compatibility with other agrochemicals and ease of application through spraying systems make it a preferred choice among farmers.

"The cereals & grains segment is projected to grow at a significant rate during the forecast period."

Cereals and grains hold a significant market share in the biostimulants market, driven by the increasing need to enhance crop yield, quality, and resilience against abiotic stress in large-scale farming. As staple crops like wheat, rice, corn, and barley are essential for global food security, farmers are increasingly adopting biostimulants to improve nutrient absorption, root development, and stress tolerance. The ability of biostimulants to boost productivity under adverse environmental conditions,

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such as drought and salinity, makes them particularly valuable for cereal and grain cultivation. Additionally, the growing demand for sustainable agricultural practices and the need to reduce chemical fertilizer usage are further promoting the adoption of biostimulants in this segment.

South America to grow at a significant rate in the global biostimulants market.

South America is expected to grow at a significant rate in the biostimulants market, driven by the region's expanding agricultural sector and increasing adoption of sustainable farming practices. Countries like Brazil and Argentina, major producers of soybeans, corn, and sugarcane, are increasingly utilizing biostimulants to enhance crop yield, quality, and resilience against abiotic stress. Additionally, the region's focus on improving soil health and nutrient efficiency to meet rising global food demand further supports the adoption of biostimulants. Favorable government initiatives promoting organic farming and sustainable agricultural inputs are also contributing to the rapid growth of the biostimulants market in South America.

In-depth interviews have been conducted with chief executive officers (CEOs), Directors, and other executives from various key organizations operating in the biostimulants market:

- By Company Type: Tier 1 - 25%, Tier 2 - 45%, and Tier 3 - 30%

- By Designation: Directors- 20%, Managers - 50%, Executives- 30%

- By Region: North America - 25%, Europe - 30%, Asia Pacific - 20%, South America - 15% and Rest of the World -10%

Prominent companies in the market include UPL (India), FMC Corporation (US), Corteva (US), Syngenta Group (Switzerland), Sumitomo Chemical Co., Ltd. (Japan), Nufarm (Australia), Novonosis Group (Denmark), BASF SE (Germany), Bayer AG (Germany), PI Industries (India), T.Stanes and Company Limited (India), Gowan Company (US), J.M. Huber Corporation (US), Haifa Negev technologies LTD (Israel), and Koppert (Netherlands).

Other players include Acadian Plant Health (Canada), Qingdao Seawin Biotech Group Co., Ltd. (China), Sustainable Agro Solutions, S.A.U. (Spain), SEIPASA, S.A. (Spain), OMEX (UK), AlgaEnergy (Spain), LawrieCo (Australia), Aminocore (Germany), Kelpak (South Africa), and Cascadia Seaweed (Canada).

Research Coverage:

This research report categorizes the biostimulants market by active ingredient (humic substances, seaweed extracts, amino acids, minerals & vitamins, microbial amendments), mode of application (foliar, soil, and seed), crop type (cereals & grains, fruits & vegetables, oilseeds & pulses), form (Liquid, dry), and region (North America, Europe, Asia Pacific, South America, and Rest of the World). The scope of the report covers detailed information regarding the major factors, such as drivers, restraints, challenges, and opportunities, influencing the growth of the biostimulants market. A detailed analysis of the key industry players has been done to provide insights into their business overview, services, key strategies, contracts, partnerships, agreements, new service launches, mergers and acquisitions, and recent developments associated with the biostimulants market. Competitive analysis of upcoming startups in the biostimulants market ecosystem is covered in this report. Furthermore, industry-specific trends such as technology analysis, ecosystem and market mapping, and patent and regulatory landscape, among others, are also covered in the study.

Reasons to buy this report:

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall biostimulants and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

- Analysis of key drivers (rise in need for sustainable agriculture), restraints (commercialization of low-quality biostimulant products), opportunities (technological innovations), and challenges (uncertainty in global biostimulants regulatory framework) influencing the growth of the biostimulants market.

- New product launch/Innovation: Detailed insights on research & development activities and new product launches in the biostimulants market.

- Market Development: Comprehensive information about lucrative markets - the report analyzes the biostimulants market across varied regions.

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- Market Diversification: Exhaustive information about new services, untapped geographies, recent developments, and investments in the biostimulants market.
- Competitive Assessment: In-depth assessment of market shares, growth strategies, product offerings, brand/product comparison, and product footprints of leading players such as UPL (India), FMC Corporation (US), Corteva (US), Syngenta Group (Switzerland), Sumitomo Chemical Co., Ltd. (Japan), Nufarm (Australia), and other players in the biostimulants market.

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Biostimulants Market by Active Ingredients (Humic Substances, Seaweed Extracts, Amino Acids, Minerals & Vitamins), Crop Type, Mode of Application (Foliar treatment, Soil treatment, Seed treatment), Form, and Region - Global Forecast to 2030

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