

Humic-based Biostimulants Market by Type (Humic Acid, Fulvic Acid, Potassium Humate), Application (Seed Treatment, Soil Treatment, Foliar Spray), Form, Crop Type, and Region (North America, Europe, APAC South America, Row) - Global Forecast to 2027

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Abstracts

The global market for humic-based biostimulants is estimated at USD 686 million in 2022; it is projected to grow at a CAGR of 11.5% to reach USD 1,184 million by 2027. Humic and fulvic acids are the most used humic substances in organic crop production and horticulture agricultural practices. Humic substances are a rich energy source beneficial soil microorganisms can readily utilize. The key function of humic substances is their water-holding capacity. Humic substances reduce soil pH and liberate carbon dioxide. They also help stabilize soil temperature and water evaporation and facilitate the uptake of nutrients. Since it is readily available and has beneficial effects on soil, its demand is high among farmers and is projected to increase during the forecast period.

“Asia Pacific is projected to witness the highest growth during the forecast period.”

The humic-based biostimulants market in the Asia Pacific region is projected to grow at the highest CAGR during the projected period. The requirement for higher food production to feed the rising population using modern agricultural practices and the weak regulatory system, particularly in India and other Southeast Asian countries, is estimated to drive the humic-based biostimulants market in the Asia Pacific region. Other drivers for this market include the rise in the development of natural extracts as active ingredients for biostimulants and an increase in investments by key players in Asia Pacific countries.

“Humic acid is gaining rapid popularity in the humic-based biostimulants market across

the globe.”

Humic acid is formed because of the humification of plant and animal matter, along with the biological activities of microorganisms. It is naturally available in the soil and helps plants uptake soil nutrients, improving crop productivity and crop health. Apart from the soil, humic acids are present in oceans and fresh waters, however, in limited amounts. Humic acids are extracted from leonardite for commercial applications, and other sources such as animal manure, organic waste, and sewage sludge also contain humic acid. Humic acid is usually applied to make nutrients and micronutrients readily available to the plants and also helps increase the plant's resistance to stress. Humic acids from different sources function differently. It depends on the age of the source, oxygen supplied, time, pressure, and heat applied during the formation and contamination of the source. It is considered a bio-catalyst for plants and a conditioner for the soil. Humic acid plays a key role in germination, microbial activity, chlorophyll synthesis, root vitality, and fertilizer retention and helps generate increased yields.

“Growth in demand for organic food.”

According to FAO, in 2021, organic agriculture was practiced in 187 countries, and 72.3 million hectares of agricultural lands were managed organically. The global sales of organic food and drinks reached more than USD 103.68 billion in 2019. In India, there is a paradigm shift post the COVID-19 pandemic as consumers began to buy more organic foods as a preventive health measure. Organically grown fresh fruit has been leading in international trade. The production and sales of organic food are from developed countries, but even developing countries have begun to produce and export organic foods and products. According to APEDA, India is the leading exporter of organic tea, coffee, spices, and condiments. India also exports organic fruits and vegetables. The rich nutritional value of organic fruits and vegetables is the main reason for their demand in domestic and global markets. Organic foods have more antioxidants as compared to conventionally grown varieties. To produce organic food products, different methods are adopted selection of pest-resistant varieties, suitable rotations, green manure, balanced fertilization, usage of humic-based biostimulants, early planting, mulching, cultural, mechanical & biological control measures, disturbance in pest life cycles and ensuring the survival of pest enemies is the basis of pest management programs, which is used in organic farming.

Break-up of Primaries:

By Value Chain: Supply Side - 59.0% and Demand Side - 41.0%

By Designation: Managers - 24.0%, CXOs - 31.0%, and Executives- 45.0%

By Region: North America - 24%, Europe - 29%, Asia Pacific -32%, and RoW - 15%

Leading players profiled in this report:

Koppert Biological Systems (Netherlands)

Valagro S.p.A (Italy)

Biolchim S.p.A (Italy)

FMC Corporation (US)

Haifa Group (Israel)

UPL Ltd. (India)

Bayer AG (Germany)

SIKKO INDUSTRIES LTD (India)

NOVIHUM Technologies GmbH (Germany)

HUMINTECH GmbH (Germany)

BORREGAARD (Norway)

Qingdao Future Group (China)

Promisol (Spain)

Bioline (Canada)

Humic Growth Solutions (Florida)

Actagro (US)

Rovensa (Portugal)

Tagrow (China)

CIFO (Italy)

Loveland (US)

Research Coverage:

The report segments the humic-based biostimulants market on the basis of type, form, mode of application, crop type and region. In terms of insights, this report has focused on various levels of analyses—the competitive landscape, end-use analysis, and company profiles, which together comprise and discuss views on the emerging & high-growth segments of the humic-based biostimulants, high-growth regions, countries, government initiatives, drivers, restraints, opportunities, and challenges.

Reasons to buy this report:

To get a comprehensive overview of the humic-based biostimulants market

To gain wide-ranging information about the top players in this industry, their product portfolios, and key strategies adopted by them

To gain insights about the major countries/regions in which the humic-based biostimulants market is flourishing

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