

**Pest Control Market Assessment, By Pest Type [Insects, Termites, Rodents, Others],
By Control Method [Chemical, Mechanical, Biological], By Application [Residential,
Commercial, Agriculture, Industrial], By Region, Opportunities and Forecast,
2017-2031F**

Market Report | 2024-09-30 | 224 pages | Market Xcel - Markets and Data

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Report description:

Global pest control market is projected to witness a CAGR of 7.41% during the forecast period 2024-2031, growing from USD 25.04 billion in 2023 to USD 44.36 billion in 2031. The industry is growing perpetually due to several factors, such as ensuring human well-being, keeping living conditions clean and hygienic, and increasing awareness regarding pest control. Growing urbanization globally has led to more complex lifestyles, causing a demand for pest control services in urban areas. Similarly, changing climatic conditions favor certain insects, leading to their proliferation, which calls for more pesticide application support. Additionally, stringent regulations for the use of pest control products in different agricultural products and other areas boost the market.

Smart pest control solutions, non-toxic and eco-friendly products, and the use of advanced technologies are examples of recent technological advances that are changing the face of this sector. In June 2023, Syngenta Crop Protection AG introduced EQUENTO, a new seed treatment that offers excellent control of various soil pests while enabling farmers to enhance the sustainability of their farming practices. EQUENTO is a formulation that is derived from the company's PLINAZOLIN technology and can be applied directly to seeds to provide protection from the beginning of the crop development phase.

Reduction in environmental pollution has encouraged a drastic increase in the use of biopesticides and integrated pest management (IPM) services. Besides, more companies are innovating by providing automatic monitoring mechanisms and data-oriented services for pest management.

Due to developed infrastructure and greater awareness, North America dominates the market, while Asia-Pacific is forecasted to grow considerably due to heightened urbanization and agricultural activities. Major participants are widening their service offers and product ranges according to changing customer preferences. However, the industry faces regulatory challenges, such as

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environmental issues and the expensive nature of sophisticated pest removal techniques.

Increasing Investments in Active Ingredients Catalyze Market Expansion

Investments in making more active constituents are speeding the growth of the global pest control market. Since pest resistance against traditional chemical pesticides is increasing, there are rising calls for more efficient and safer alternatives. Leading corporations are directing their efforts toward coming up with new active substances that do better without harming humans or disturbing natural ecosystems. For instance, in May 2024, BASF SE launched Cimegra, a new insecticide for farmers in Australia. The insecticides, containing the active ingredient Broflanilide, are powerful for treating tough pests such as Diamondback moth. It is suitable for use on brassica vegetables.

Eco-friendly chemicals, biopesticides, and biological control agents are some of the innovations of technology. These are less harmful and work well with integrated pest management (IPM) techniques, which prioritize environmentally friendly pest control strategies. Companies can meet stringent standards due to the improvements made to active chemicals, especially in regions such as North America and Europe.

Opportunities for market players are being created by the upsurge in R&D, which is sustained by farmers' and public health officials' preference for organic and green alternatives. Technological improvements in active substances have directed pesticide companies along with the path of sustainable and lucrative expansion.

Technology and Innovation Fuel the Market Growth

The expansion of the global pest control market is driven by technology and innovation. Traditional approaches to pest management are changing due to advancements in digital technologies, including intelligent sensors, automated advisory systems, and data analytics. All these solutions provide immediate identification of pests, targeted infestations, and insights based on information to make better decisions, thus improving efficacy and efficiency in eliminating pests.

Pest management systems are being adopted using Internet of Things (IoT) devices, which can be monitored remotely, thus encouraging off-site physiological actions against pests. For instance, in July 2024, ioCrops Inc. launched the autonomous driving greenhouse robot, HERMAI Spray Robot. The robot is expected to automate existing manual pest control tasks to reduce costs associated with pesticides, including tools for automatic pest control, monitoring of pests and areas that require targeted treatments, and digital record keeping.

Companies are increasingly investing resources in research and development to develop innovative technologies and non-toxic products that reduce environmental impact and improve pest control effectiveness. This innovation surge is propelling the market forward and setting new industry benchmarks.

Pest Control for Insects to Hold a Dominating Market Share

Pest controls that kill insects hold a substantial share of the global pest control market, as harmful bugs affect the everyday lives of people. For instance, common household pests such as cockroaches and ants pose a great danger to human health as they cause diseases and contaminate food items, leading to high consumption of insect control products. On the contrary, agricultural activities are hampered by insects, which affect farm output through crop destruction, hence increasing the need for successful pest management measures.

The significant dominance of this segment has been attributed to modern technologies in insecticides, biological control agents, and environmentally friendly alternatives. In urban settings, pest control services are extensively applied in households, hotels, and hospitals due to public health and sanitation concerns.

Rising government focus on using insecticides safely is helping companies grow since more people are being encouraged to use insecticides. As a result, pest control for insects dominates the global pest control market, with companies focusing on producing insecticides.

In May 2024, BASF SE introduced its latest insecticide, Efficon, to assist farmers in controlling pests that pierce and suck crops. With the help of Efficon, farmers would be able to safeguard a wide range of crops, including cotton and vegetables, from insect pests.

North America Holds a Substantial Market Share

The global pest control market is significantly held by North America, owing to increasing awareness of health risks associated with pests, strict regulations, and well-established infrastructures in the region. The United States leads in this segment due to the existence of a wide range of pests, such as termites, ants, mosquitoes, and rodents, which are potential threats to public health

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apart from causing damage to properties. Moreover, residential, commercial, and industrial areas have strong demands for pest control services, leading to North America being a major consumer in the market.

The need for suitable and effective pest management practices has resulted from tough regulatory requirements regarding pest management, especially in food processing, healthcare, and agriculture, essentially driving the market growth. Also, pest control technology innovations, including the use of smart monitoring systems, non-toxic solutions, and IPM initiatives, have found resonance throughout the region. Climate changes have caused a rise in the movement of parasites into new regions while increasing the requirement for pest control services. Hence, North America remains an integral market where leading companies have been improving their offerings.

In December 2023, FMC Corporation introduced Coragen eVo insect control, powered by the active ingredient Rynaxypyr, for tobacco, potatoes, brassica/cole crops, tomatoes, sweet corn, lettuce, strawberries, alfalfa, and other vegetable crops. It is the industry's benchmark for lasting and quick protection for Lepidopteran pests.

Future Market Scenario (2024 - 2031F)

-□The rising demand for biopesticides, organic repellents, and integrated pest management (IPM) practices will drive innovation as consumers and industries prioritize environmentally safe solutions. For instance, in April 2024, Bayer AG collaborated with a United Kingdom-based company, AlphaBio Control to launch a bioinsecticide, particularly for arable crops, including cereals and oilseed rape. The new bioinsecticide is efficacious against the cabbage stem flea beetle (CSFB), a Coleoptera insect that infests oilseed rape crops all year round destroying them and killing young seedlings. The launch is scheduled for 2028.

-□IoT-enabled sensors, automated monitoring systems, and AI-driven pest detection systems are increasing. The shift will result in improved and efficient data-driven pest control services requiring fewer interventions based on chemicals and better and faster response times in case of infestations.

-□In emerging economies, urbanization, expanding agricultural practices, and rising knowledge about health hazards associated with pests will stimulate new pest control service providers and increase market demand globally.

Key Players Landscape and Outlook

The key players in the global pest control market are pivotal in shaping the industry landscape and driving market growth in the forecast period. Leading companies dominate the market, leveraging their extensive service networks and comprehensive pest management solutions. These industry giants are investing in technological advancements, including smart pest control systems and eco-friendly products, to maintain competitive edges and address evolving consumer preferences.

Regional players contribute significantly, focusing on tailored solutions to meet local market demands. The expansion of these companies into emerging markets, coupled with strategic acquisitions and partnerships, enhances their global footprint and service capabilities.

The market outlook is optimistic, with continued growth driven by increasing awareness of pest-related health risks, stringent regulatory environments, and technological innovations. Companies must prioritize sustainability, investing in green technologies, and integrated pest management practices. This focus will help address environmental concerns while meeting the diverse needs of the global residential, commercial, and agricultural sectors. A surge in mergers and acquisitions is anticipated as companies seek to expand their service portfolios, enter new regions, and enhance technological capabilities, driving consolidation and strategic partnerships in the pest control market.

In April 2023, Rollins, Inc. acquired FPC Holdings, LLC, a leading pest management company. The acquisition is expected to accelerate Rollins, Inc.'s long-term growth strategy in new geographies throughout the United States, as FPC Holdings, LLC provides services for residential customers across 13 states.

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*Companies mentioned above DO NOT hold any order as per market share and can be changed as per information available during research work.

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