

# Insecticides Market to Expand to USD 29.94 Billion by 2032, Growing at a 5.94% CAGR | Exclusive Report by SNS Insider

*The insecticides market expands with rising demand for crop protection, driven by eco-friendly innovations, despite high costs and regulatory challenges.*

AUSTIN, TX, UNITED STATES, March 3, 2025 /EINPresswire.com/ -- The [insecticides market](#) was valued at USD 17.81 billion in 2023 and is projected to reach USD 29.94 billion by 2032, growing at a CAGR of 5.94% from 2024 to 2032. The growth is primarily attributed to the rising need for effective pest management solutions in agriculture, public health, and residential sectors. Besides, strict government regulations supporting bio-based and sustainable insecticides are impacting the market trends. The industry is also benefitting from advancements in active ingredients and formulation technologies, in conjunction with integrated pest management (IPM) methods. In addition, biological insecticides are emerging as new and environment-friendly technologies that are gaining a clear price advantage over their chemical-based counterparts, which is further boosting the growth of this market.



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## Key Players:

- AMVAC Chemical Corp. (Orthene, Naled)
- UPL Ltd. (Phoskill, Ulala)
- Bayer AG (Confidor, Decis)
- BASF SE (Nealta, Alverde)
- FMC Corp. (Brigade, Talstar)
- Corteva Agriscience (Intrepid, Radiant)
- Nufarm Ltd. (Assail, Triadimefon)

- Bioworks, Inc. (BotaniGard, Mycotrol)
- Syngenta Group (Actara, Karate)
- Sumitomo Chemical (Sumithion, Danitol)
- Adama Agricultural Solutions (Mavrik, Pyrinex)
- Valent BioSciences (DiPel, XenTari)
- Mitsui Chemicals Agro, Inc. (Trebon, Albarin)
- Gowan Company (Ecozin, PyGanic)
- Nippon Soda Co., Ltd. (Mospilan, Nichino)
- Helm AG (Helmstar, HelmForce)
- Isagro S.p.A. (Azatin, Domark)
- Rotam Global AgroSciences (Lambda, Bifenthrin)
- Rallis India Ltd. (Asataf, Nova)
- PI Industries Ltd. (Osheen, Nominee Gold)

By Type, the Organophosphates Segment Accounted for Over 28% Share in 2023

Organophosphate insecticides are widely used due to their broad-spectrum effectiveness against various insect pests. These insecticides disrupt the nervous system of insects, making them highly efficient in controlling pests in agricultural fields, households, and industrial applications. They are extensively applied in cereal crops, fruits, and vegetables to prevent pest infestations and improve yield quality. Despite concerns over toxicity, ongoing research and development in safer formulations have contributed to their sustained market dominance. Additionally, organophosphates are preferred due to their cost-effectiveness and ability to manage insect resistance.

By Application, Cereals and Grains Segment Held the Largest Market Share of Around 40% in 2023

It has been one of the most widely cultivated crops an economically important cereal crop and a vulnerable host worldwide for pest infestations. The cost of providing local protection of these traits is important for food security, as wheat, rice, maize, and barley are major crops providing staple food for most of the world population. Many insect stem borers, aphids, armyworms, and weevils are also crops at risk, with yields at risk from the large-scale application of insecticides to prevent loss. Growing needs for animal feed, biofuel production, and processed food industries in industrialized countries have propelled the demand for cereals and grains hence, value addition to the pest control market is expected to grow rapidly.

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Asia-Pacific Led the Market with a Share of 48% in 2023

The Asia-Pacific region dominates the global insecticides market, driven by expanding

agricultural activities, a growing population, and the increasing need for high-yield crop production. Countries such as China, India, and Indonesia are major contributors due to their large agricultural land areas and favorable climatic conditions for pest proliferation. Government initiatives promoting modern farming practices and the adoption of biopesticides have further fueled market growth.

North America and Europe are also significant markets, with stringent regulations on pesticide usage and increasing adoption of organic and bio-based insecticides. The U.S. and Canada are focusing on integrated pest management strategies, while European Union regulations are pushing the development of environmentally friendly insecticide alternatives. The Middle East & Africa and Latin America are experiencing steady growth, supported by rising investments in agriculture and increasing awareness of pest control measures.

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