

China Pest Control Products Market Size, Share & Trends Analysis Report By Product (Sprays/Aerosols, Baits/Gels, Repellents), By Pest (Flying Insects, Crawling Insects, Rodents), By Control Mechanism, By End Use, And Segment Forecasts, 2025 - 2033

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Abstracts

China Pest Control Products Market Summary

The China pest control products market size was estimated at USD 1.10 billion in 2024 and is projected to reach USD 2.84 billion by 2033, growing at a CAGR of 11.2% from 2025 to 2033. Pest-borne illnesses remain a serious public health concern in China, with mosquitoes, flies, rodents, and cockroaches contributing to the spread of diseases across both urban and rural regions. Rising incidences of dengue, malaria, and Japanese encephalitis, alongside rodent-linked infections such as leptospirosis, are driving households, businesses, and municipalities to adopt structured pest management solutions. As urban expansion continues and climate change alters insect breeding patterns, the demand for preventive and responsive pest control measures has become more pronounced.

Lifestyle upgrades and outdoor design trends are also influencing the market growth. The expansion of landscaped residential complexes, outdoor recreation zones, and commercial green areas creates favorable habitats for pests, prompting higher adoption of home and garden pesticides. Facility managers and homeowners increasingly prioritize integrated pest solutions that balance safety, convenience, and effectiveness without compromising the aesthetic or ecological value of these spaces.

Growing awareness of chemical residues has led to a rising preference for pest control products using natural extracts such as citronella, neem, and pyrethrum. This aligns

with China's broader movement toward greener living and wellness-driven consumption. Skin-safe mosquito sprays, eco-friendly traps, and herbal repellents have become popular among urban families, reflecting the convergence of health, lifestyle, and sustainability.

Recent developments highlight this momentum. In June 2025, Rentokil Initial China launched its "Green Pest Control, Healthy Home" initiative in Shanghai, marking the company's 20th anniversary. The program featured public education and household inspections designed to promote environmentally responsible pest management, reinforcing the growing emphasis on community-level health protection. Similarly, in August 2025, Xinhua reported a surge in demand for mosquito-control products amid nationwide heatwaves, with manufacturers responding by introducing biodegradable traps and electrothermal repellents that cater to both domestic consumers and overseas markets.

Furthermore, stricter hygiene regulations in foodservice, hospitality, and healthcare are driving organizations to outsource pest control services to professional operators. Hotels, restaurants, and hospitals are investing in low-residue treatment methods and integrated pest management (IPM) solutions, reinforcing demand for service-based models.

China Pest Control Products Market Report Segmentation

This report forecasts revenue growth at the country level and provides an analysis of the latest industry trends and opportunities in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the China pest control products market report by product, pest, control mechanism, and end use:

Product Outlook (Revenue, USD Billion, 2021 - 2033)

Sprays/Aerosols

Baits/Gels

Repellents

Predators/Parasites

Microbials/Biopesticides

Barriers/Exclusion

Mechanical Traps

Electronic Devices

Pest Outlook (Revenue, USD Billion, 2021 - 2033)

Flying Insects

Crawling Insects

Rodents

Others

Control Mechanism Outlook (Revenue, USD Billion, 2021 - 2033)

Chemical

Physical/Mechanical

Biological

End Use Outlook (Revenue, USD Billion, 2021 - 2033)

B2B

Direct Sales

Distributors & Wholesalers

Agricultural Supply Stores & Co-operatives

Commercial & Institutional E-procurement Platforms

Others (Government Procurement Programs, etc.)

B2C

Supermarkets and Hypermarkets

Pharmacies & Drugstores

Home Improvement & Hardware Stores

E-commerce/Online

Others (Grocery Stores, Department Stores, etc.)

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