

Neonicotinoid Pesticide Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Market Report | 2025-03-25 | 263 pages | Global Market Insights

AVAILABLE LICENSES:

- Single User \$4850.00
- Multi User \$6050.00
- Enterprise User \$8350.00

Report description:

The Global Neonicotinoid Pesticide Market was valued at USD 5.3 billion in 2024 and is projected to grow at a CAGR of 5.6% from 2025 to 2034. This steady growth is fueled by the rising demand for neonicotinoids in agriculture and horticulture due to their proven effectiveness in pest control. Farmers and agricultural enterprises increasingly rely on neonicotinoid pesticides to protect crops from various pests, including aphids, beetles, and caterpillars. These pesticides are known for their systemic mode of action, allowing them to be absorbed into the plant and offer long-lasting protection. This feature not only ensures effective pest management but also reduces the frequency of applications, making them a cost-effective solution. Moreover, the relatively low toxicity of neonicotinoids to mammals enhances their appeal, making them a safe and preferred choice for large-scale farming operations and smaller agricultural setups. As global agricultural activities expand and food security becomes a priority, the adoption of neonicotinoid pesticides is expected to remain strong. Technological advancements in pesticide formulation and application methods are also driving market growth, enabling farmers to improve crop yield and quality while minimizing environmental impact.

The neonicotinoid pesticide market is segmented by product type, with imidacloprid leading the segment. In 2024, this product segment generated USD 1.7 billion. Imidacloprid is widely used across multiple environments due to its versatility and high efficacy in controlling diverse pest populations. It can be applied through various methods, including soil drenching, foliar spraying, and seed treatment, providing farmers with multiple options to tailor pest control strategies to their specific needs. Other prominent products in the market include thiamethoxam, clothianidin, dinotefuran, and acetamiprid, each contributing to the market's overall growth by offering unique benefits and applications across different agricultural landscapes.

The market is also categorized based on application methods, with seed treatment emerging as the dominant segment. This segment generated USD 2.9 billion in 2024 and is expected to grow at a CAGR of 5.9% through 2034. Seed treatment involves coating seeds with neonicotinoid pesticides such as imidacloprid to protect crops from pests during the critical early stages of plant growth. This method minimizes the exposure of non-target organisms and reduces environmental impact compared to broad-spectrum pesticide applications. Besides seed treatment, other application methods, such as foliar spray and soil treatment, continue to play a significant role in meeting the growing demand for pest management solutions globally.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

North America remains the largest regional market for neonicotinoid pesticides, generating USD 2.1 billion in 2024. The region's extensive agricultural operations, especially in the cultivation of staple crops, drive the strong demand for these pesticides. Large-scale farms in the United States and Canada benefit from the use of neonicotinoids, ensuring high productivity and consistent yields. Additionally, the presence of favorable policies and advanced agricultural infrastructure in North America has facilitated the widespread adoption of these pesticides, contributing to the region's dominant position in the global market. As precision agriculture techniques gain momentum, the demand for neonicotinoid pesticides in North America is expected to rise steadily over the forecast period.

Table of Contents:

Report Content

Chapter 1 Methodology And Scope

1.1 Market scope and definition

1.2 Base estimates and calculations

1.3 Forecast calculation

1.4 Data sources

1.4.1 Primary

1.4.2 Secondary

1.4.2.1 Paid sources

1.4.2.2 Public sources

1.5 Primary research and validation

1.5.1 Primary sources

1.5.2 Data mining sources

Chapter 2 Executive Summary

2.1 Industry synopsis, 2021-2034

Chapter 3 Industry Insights

3.1 Industry ecosystem analysis

3.1.1 Factor affecting the value chain

3.1.2 Profit margin analysis

3.1.3 Disruptions

3.1.4 Future outlook

3.1.5 Manufacturers

3.1.6 Distributors

3.2 Supplier landscape

3.3 Profit margin analysis

3.4 Key news and initiatives

3.5 Regulatory landscape

3.6 Impact forces

3.6.1 Growth drivers

3.6.1.1 Agricultural demand for pest control

3.6.1.2 Increased crop yields and efficiency

3.6.1.3 Expanded application in non-agricultural sectors

3.6.2 Industry pitfalls and challenges

3.6.2.1 Environmental concerns over pollinator health

3.6.2.2 Developing sustainable alternatives

3.7 Growth potential analysis

3.8 Porter's analysis

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

3.9 PESTEL analysis

Chapter 4 Competitive Landscape, 2024

4.1 Introduction

4.2 Company market share analysis

4.3 Competitive positioning matrix

4.4 Strategic outlook matrix

Chapter 5 Market Estimates and Forecast, By Type, 2021 - 2034 (USD Billion) (Kilo Tons)

5.1 Key trends

5.2 Imidacloprid

5.3 Thiamethoxam

5.4 Clothianidin

5.5 Dinotefuran

5.6 Acetamiprid

5.7 Others

Chapter 6 Market Estimates and Forecast, By Crop Type, 2021 - 2034 (USD Billion) (Kilo Tons)

6.1 Key trends

6.2 Cereals

6.3 Oilseed

6.4 Fruits

6.5 Vegetables

6.6 Pulses

6.7 Others

Chapter 7 Market Estimates and Forecast, By Application Method, 2021 - 2034 (USD Billion) (Kilo Tons)

7.1 Key trends

7.2 Seed treatment

7.3 Foliar spray

7.4 Soil treatment

7.5 Others

Chapter 8 Market Estimates and Forecast, By Region, 2021 - 2034 (USD Billion) (Kilo Tons)

8.1 Key trends

8.2 North America

8.2.1 U.S.

8.2.2 Canada

8.3 Europe

8.3.1 Germany

8.3.2 UK

8.3.3 France

8.3.4 Spain

8.3.5 Italy

8.3.6 Netherlands

8.4 Asia Pacific

8.4.1 China

8.4.2 India

8.4.3 Japan

8.4.4 Australia

8.4.5 South Korea

8.5 Latin America

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

8.5.1 Brazil

8.5.2 Mexico

8.5.3 Argentina

8.6 Middle East and Africa

8.6.1 Saudi Arabia

8.6.2 South Africa

8.6.3 UAE

Chapter 9 Company Profiles

9.1 Adama

9.2 American Vanguard Corporation

9.3 Arysta Lifescience Corporation

9.4 Basf

9.5 Fmc Corporation

9.6 Mitsui Chemicals America

9.7 Nissan Chemical Corporation

9.8 Nufarm

9.9 Sumitomo Chemical

9.10 Syngenta

□

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

**Neonicotinoid Pesticide Market Opportunity, Growth Drivers, Industry Trend
Analysis, and Forecast 2025 - 2034**

Market Report | 2025-03-25 | 263 pages | Global Market Insights

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4850.00
	Multi User	\$6050.00
	Enterprise User	\$8350.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-03"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com