+357 96 030922
info@marketpublishers.com

North America Nematicide - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

https://marketpublishers.com/r/N01D4BC31FF1EN.html
Date: July 2024
Pages: 184
Price: US$ 4,750.00 (Single User License)
ID: N01D4BC31FF1EN

Abstracts

The North America Nematicide Market size is estimated at 0.91 billion USD in 2024, and is expected to reach 1.10 billion USD by 2029, growing at a CAGR of 3.93% during the forecast period (2024-2029).

Soil application dominated the nematicide market

The demand for nematicides has been increasing due to the presence of various nematode species attacking the wide range of economically important crops in North America. Plant parasitic nematodes cause damage individually and form disease complexes with other microorganisms, thereby increasing crop loss. Annual crop losses due to nematodes are estimated at USD 8.0 billion in the United States. Nematicides can be applied through different methods depending on the type of pest and growth stage of the crop.

Compared to other application methods, such as foliar application (spraying the nematicide directly onto the plant leaves), soil application of nematodes generally poses fewer risks of exposing non-target organisms, including beneficial insects and pollinators, as the nematicide remains primarily in the soil, where the target nematodes reside. Owing to this, soil application dominated the market with a share of 70.7%, valued at USD 598.7 million in 2022.

Foliar applications accounted for 11.2% of the North American nematicide market in 2022. The main purpose of foliar application is to control the infestation of inflorescence

+357 96 030922
info@marketpublishers.com

and leaves by the nematodes. For instance, chrysanthemum nematodes are foliar nematodes that cause white rice tip, and summer crimp nematodes cause spring dwarf diseases in cereal crops.

The crop losses due to nematode infestation are increasing every year, acting as a major concern for farmers and forcing them to use nematicides. Therefore, the market is anticipated to register a CAGR of 3.2% during the forecast period.

North American farmers' emphasis on nematode management for optimal crop health and yield maximization will drive the market

North America has a diverse agricultural sector. Nematodes can impact a wide range of crops, including major commodities like grains, fruits, vegetables, and specialty crops. As a result, there is a growing demand for nematicides to control nematode populations and mitigate crop losses. In 2022, the region accounted for 30.8% market share value of the global nematicide market.

The United States is a major consumer of nematicide products. Nematodes can cause substantial damage to crops, leading to yield losses and economic impact. The farmers recognize the importance of nematode management to ensure optimal crop health and maximize yields. As a result, there is a strong demand for nematicide products in the United States, contributing to its major share in the North American market.

Mexico is experiencing rapid growth in its nematicide market. It is anticipated to register a CAGR of 5.2% during 2023-2029. Mexico is one of the leading exporters of agricultural products in the region. As Mexico aims to meet the stringent quality standards and requirements of international markets, there is an increasing need to effectively manage nematode populations in crops. The rising export demand for Mexican agricultural products is driving the growth of the nematicide market in the country, making it one of the fastest-growing markets in North America.

Factors such as increasing awareness among farmers, advancements in agricultural technologies, and expansion of agriculture contribute to the growth of the nematicide market. Therefore, the North American nematicide market is expected to register a CAGR of 3.9% during the forecast period (2023-2029).

North America Nematicide Market Trends

+357 96 030922
info@marketpublishers.com

Monoculture and no-tillage practices proliferate the nematode density, resulting in increased consumption of nematicides per ha

In recent years, there has been a notable growth in the consumption of nematicide per hectare in North America. In 2022, this consumption witnessed a considerable increase of 4 g per ha compared to the levels recorded in 2017. The primary driving force behind this upward trend is the growing dependency on nematicides to control nematodes.

In 2022, the United States stood out with a substantial consumption of nematicide, reaching 82.9 g per ha, which was significantly higher than other countries. This notable increase can be primarily attributed to various factors promoting the proliferation of nematode populations, leading to a higher demand for nematicides and increased usage levels. One of the contributing factors to this upward trend is the adoption of no-tillage practices, which reduce soil disturbance and increase the retention of crop residue. However, this practice also inadvertently results in a higher nematode population in the soil.

Notably, major crops like wheat (68%), corn (76%), cotton (43%), and soybeans (74%) have recorded considerable adoption of no-tillage methods, further intensifying the need for nematicides. The country's tropical and subtropical regions predominantly adopt monoculture agricultural practices, and the warm and humid conditions in these areas create favorable environments for nematode growth. Therefore, the utilization of nematicides per ha is growing.

There is a minimal change in the consumption of nematicides per ha in Canada, Mexico, and the Rest of North America. Climate changes, soil conditions, and other agricultural practices are reasons for nematodes' growth, further increasing the consumption of nematicides per ha.

Fluensulfone was priced highest among other nematicides due to the high demand

Nematodes can cause substantial damage to crops, leading to yield losses and economic impact. The farmers recognize the importance of nematode management to ensure optimal crop health and maximize yields. The United States is a major consumer of nematicide products in the region.

+357 96 030922
info@marketpublishers.com

Fluensulfone falls under the fluoroalkyl chemical class and is used in agriculture to control plant-parasitic nematodes. Fluensulfone's mode of action involves disrupting the nervous systems of nematodes and insects, leading to their paralysis and eventual death. It is used in a variety of crops, including vegetables, fruits, and ornamental plants, to enhance crop yield and quality by reducing the damage caused by these pests. Fluensulfone was priced at USD 19.1 thousand per metric ton in 2022.

Abamectin is a systemic nematicide utilized for seed treatment, providing an efficient solution to minimize early-growth root infections caused by nematodes, including controlling root-knot nematode species. The cost of abamectin's active ingredient has been on the rise, reaching USD 12.3 per metric ton in 2022.

Oxamyl is a carbamate insecticide and nematicide that is commonly used to control a variety of nematodes. It is applied to crops like vegetables, fruits, and ornamental plants to protect them from damage caused by chewing and sucking insects, as well as nematodes that attack the plant roots. Oxamyl works by disrupting the nervous system of these pests, leading to paralysis and eventual death. It is available in various formulations, including granules and liquid concentrates, and is applied to the soil or foliage depending on the target pests and crops. Oxamyl was valued at USD 8.6 thousand per metric ton in 2022.

North America Nematicide Industry Overview

The North America Nematicide Market is fairly consolidated, with the top five companies occupying 86.58%. The major players in this market are ADAMA Agricultural Solutions Ltd, Bayer AG, Corteva Agriscience, Syngenta Group and Upl Limited (sorted alphabetically).

Additional Benefits:

The market estimate (ME) sheet in Excel format

3 months of analyst support

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: North America Nematicide - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

Product link: https://marketpublishers.com/r/N01D4BC31FF1EN.html

Price: US$ 4,750.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/N01D4BC31FF1EN.html