

Molluscicide Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

Market Report | 2023-01-23 | 132 pages | Mordor Intelligence

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Report description:

The molluscicide market is projected to register a CAGR of 5.1% during the forecast period, 2022-2027.

In 2020, due to repeated lockdowns and quarantines during the COVID-19 pandemic, there were limited production and supply of molluscicide chemicals, thereby affecting the market. Production of molluscicide chemicals got declined sharply due to the shortage of inputs and labor. The supply chain got disrupted due to repeated shutdowns and a shortage of transport and communication. Overall, the disruption caused by the COVID-19 pandemic to the molluscicide market, from the suppliers to the farm level, resulted in reduced outputs. Though molluscicide constitutes a fraction of the global pesticide market, it is growing at an exponential rate, given the increasing occurrence of snail and slug infestations, mainly in cereal crops like rice, maize, and wheat. The main factor responsible for the growth of molluscicides are the destructing of crops, increase in demand due to high population growth, growing domestic demand for food safety and quality, and adoption of new farming practices. Chemical treatments such as metaldehyde, methiocarb, and ferric phosphate are the most well-known chemical-based approaches for controlling snails and slugs. These chemicals are good for agricultural crops, but they are harmful to beneficial insects. Due to the reduction in crop output caused by these organisms, the global market for molluscicide pesticides is rising.

Molluscicides Market Trends

Increasing Food Demand and Diminishing Arable Land

The global population is increasing exponentially, and every day, nearly 200,000 people are contributing to the global food demand, which is projected to reach 9.2 billion by 2050. Supplying food to this growing population has become a global threat. Thus, crop protection is a key strategy adopted by farmers to meet the global food demand. Usage of pesticides on crops is a proven technology in order to increase global food production. Huge demand for molluscicides has been seen from developing nations. People are now adopting every measure to increase crop productivity. According to the UN Population Division, the largest population increase is projected to occur in Asia (particularly in India, China, and Southeast Asia), accounting for 60% or

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more of the global population by 2050. Large quantities of crop protection chemicals are expected to be required in this region in order to increase food production for the growing population.

Asia-Pacific is the Largest Market

Asia-Pacific, being the largest as well as the most populous continent, is one of the key markets for the molluscicides market. This region has registered the largest market share of global molluscicides production for the year 2021, and it is expected to register a CAGR of 6.3% in the forecast period. Awareness among people regarding crop protection and optimizing yield can be one of the reasons for this trend.

Molluscicides Market Competitor Analysis

The molluscicides market is highly fragmented. There are many global and regional players in the market. The top five companies are Lonza, Certis, Bayer CropScience Ltd, Phyllagro, and ADAMA. These companies have the highest market share in molluscicides. Lonza has entered into a 50/50 joint venture with Danish bioscience company Chr. Hansen to invest about EUR 90 million (SGD 136.6 million) over three years to develop live biotherapeutic products (LBP). ADAMA introduced its new ferric phosphate-based molluscicide (Gusto IRON) for specifically controlling slug populations in the United Kingdom.

Additional Benefits:

The market estimate (ME) sheet in Excel format
3 months of analyst support

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