

Canada Seed Treatment Market Report and Forecast 2025-2034

Market Report | 2025-06-29 | 118 pages | EMR Inc.

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Report description:

The Canada seed treatment market size reached approximately USD 97.20 Million in 2024. The market is further projected to grow at a CAGR of 8.10% between 2025 and 2034, reaching a value of USD 211.80 Million by 2034.

Key Trends in the Market

Seed treatment refers to the application of biological and synthetic agents on seeds to provide them protection against various diseases, pests, and insects and promote plant growth. Seed treatments also encourage the growth of healthy crops by promoting uniform seed germination and improving plant immunity. These treatments provide critical protection during the first stage of the crop cycle.

- The rising food requirements in the country due to increasing population and expansion of the food and beverage sector is aiding the Canada seed treatment market growth. The requirement for seed treatment solutions is increasing to reduce the post-harvest losses to meet these growing food requirements.

- The increasing adoption of integrated pest management practices is propelling the requirement for biological seed treatment solutions. The rising adoption of biological solutions can also be attributed to the growing awareness about the various negative effects associated with the long-term utilisation of synthetic products on soil health.

- The growing adoption of vegetarianism due to rising concerns about animal welfare is bolstering the adoption of seed treatment to increase the crop yield. The treatments prevent the growth of seed-borne pests and pathogens and induce early germination. They also provide protection against pests, insects, and fungal attacks.

Canada Seed Treatment Market Segmentation

The EMR's report titled "Canada Seed Treatment Market Report and Forecast 2025-2034 offers a detailed analysis of the market

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based on the following segments:

Market Breakup by Stage of Seed Treatment

- On-farm
- Off-farm

Market Breakup by Type

- Synthetic
- Biological

Market Breakup by Application Technique

- Seed Coating
- Seed Pelleting
- Seed Dressing

Market Breakup by Crop Type

- Grains and Cereals
- Pulses and Oil Seeds
- Commercial Crops
- Fruits and Vegetables
- Others

Market Breakup by Region

- Northern Canada
- British Columbia
- Alberta
- The Prairies
- Central Canada
- Atlantic Canada

Market Share by Type

As per the Canada seed treatment market analysis, synthetics are anticipated to account for a significant share of the market over the forecast period. The increased utilisation of fungicides and insecticides can be attributed to the erratic weather patterns in the country and rising food requirements due to population growth. The growing threat of insects, pests, and fungal attack is further boosting the product demand.

Meanwhile, the utilisation of biological seed treatment methods is increasing in Canada owing to rising environmental consciousness and growing awareness about the various health benefits associated with the consumption of products devoid of synthetic chemicals.

Market Share by Crop Type

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Fruits and vegetables are expected to account for a significant Canada seed treatment market share. Seed treatments prevent the spread of various plant diseases, provide protection to seeds against seedling blights and seed rot, improves germination, and provide protection against attack from harmful agents, among others. The increased consumption of fruits and vegetable due to rising health consciousness and growing adoption of vegetarianism in Canada is supporting the segment growth. The rising production of high value vegetables, including bell pepper, lettuce, and spinach, among others, is also boosting the Canada seed treatment market demand.

Competitive Landscape

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis. The report gives a detailed analysis of the following key players in the Canada seed treatment market, covering their competitive landscape and latest developments like mergers, acquisitions, investments, and expansion plans.

BASF SE

BASF SE is a chemical manufacturing company that was founded in 1865 and is headquartered in Ludwigshafen, Germany. The company specialises in seed treatment, functional materials and solutions, and performance products, among others.

Bayer Inc.

Bayer Inc. is one of the leading biotechnology and pharmaceutical companies that was founded in 1863 and is headquartered in Westphalia, Germany. The products provided by the company include seed treatment solutions, diagnostic imaging, and pesticides, among others.

ADAMA Agricultural Solutions Limited

ADAMA Agricultural Solutions Limited is one of the leading providers of crop protection solutions. The company specialises in herbicides, growth regulators, insecticides, fungicides, weed control solutions, and molluscicides, among others.

Other Canada seed treatment market key players include Corteva Inc., Croda International Plc, Nufarm Limited, Syngenta Inc., and UPL Ltd., among others.

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