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Canada Horticulture Market By Cultivation Types (Flowers & Ornamentals, Fruits & Vegetables, Nursery Crops, Others), By Applications (Greenhouse, Indoor Farms, Vertical Farms), By Propagation (Vegetative, Seed, Breeding, Layering & Cutting, Grafting, Others), By Region, Competition, Opportunity and Forecast, 2028

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Abstracts

Canada horticulture market is anticipated to grow significantly through 2028 due to the growing demand for food from the rising population, supportive government policies, increasing demand for locally grown crops, growing demand for organic and non-GMO produce, and growing demand for organic & nutritional foods.

Horticulture is the branch of agriculture that deals with the cultivation of fruits, vegetables, flowers, and ornamental plants. It involves the science, art, and business of growing and selling plants for food, medicine, or aesthetics. Horticulture plays a significant role in food production and fulfilling people’s needs, providing a diverse range of fruits, vegetables, and herbs to consumers. With the world's population expected to reach 9.7 billion by 2050, horticulture will be vital to meet the increasing demand for food. Along with fulfilling the demand, fruits and vegetables grown through horticulture are rich in essential nutrients, vitamins, and minerals. They can help prevent chronic diseases like diabetes, cancer, and heart disease, which have become prevalent worldwide.

Horticulture is an essential contributor to the economy, providing jobs and income for millions of people worldwide. It generates significant revenue through the export of horticultural products, which are in high demand in many countries and make the

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agriculture sector an important contributor to the country’s growth and GDP. As per the report by The Fruit and Vegetable Growers of Canada, the fruit and vegetables produced from farms are estimated to be almost USD 5.4 Billion in Canada. Moreover, horticulture practices can help mitigate the negative impacts of climate change by sequestering carbon in the soil and reducing greenhouse gas emissions. Horticulture promotes biodiversity by providing habitats for wildlife and preserving genetic diversity in plant species. Hence, all the mentioned drivers are expected to propel the demand for the Canada horticulture market in the forecasted period.

Growing Demand for Food from Rising Population Drive the Canada Horticulture Market Demand

As the world's population continues to grow, so does the demand for food. This demand has driven significant growth in the Canadian horticulture market, which provides a variety of fruits, vegetables, and other products to meet the increasing demand. With current population of approximately 38 million, Canada's population is expected to reach 44 million by 2050, according to Statistics Canada. This population growth is expected to increase the demand for food, putting pressure on the agricultural industry to produce more.

To fulfill the increased demand for food, the horticulture industry is expanding in Canada, which is known for its efficient and sustainable production methods. Horticulture involves the cultivation of fruits, vegetables, and other plants in controlled environments, such as greenhouses or hydroponic systems, to optimize production.

In recent years, the horticulture industry in Canada has seen significant growth due to the increasing demand for fresh produce. The sector provides a range of fruits, vegetables, and herbs to meet the diverse dietary needs of the population. The demand for locally grown produce has led to a rise in small-scale, sustainable farming practices, such as community-supported agriculture (CSA) programs and farmer's markets.

The major key advantage of horticulture is that it allows for year-round production, enabling producers to meet demand even during the winter months when traditional farming is not possible. With advancements in technology and growing techniques, horticulture producers can now grow a wide range of produce, from leafy greens to exotic fruits.

The Canadian government has recognized the importance of the horticulture industry in meeting the growing demand for food. Through funding for research and development,

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market development, and farm income support, the government is helping to ensure the industry's continued growth and success.

As the demand for food continues to rise with the growing population, the Canadian horticulture market is well-positioned to meet this demand. With its efficient and sustainable production methods, year-round production capabilities, and diverse range of products, the horticulture industry is poised to play a significant role in feeding the Canadian population and is expected to propel the demand for the Canada horticulture market in the forecasted period.

Growing Demand for Modified Organism Propels the Market Growth

Organic and non-genetically modified organism (GMO) crops have been gaining popularity in recent years as consumers become increasingly conscious of the health and environmental impacts of their food choices. This growing demand for organic and non-GMO produce is one of the factors driving the growth of the Canadian horticulture market. Organic farming involves the use of natural fertilizers, crop rotation, and other sustainable practices to produce crops without the use of synthetic pesticides or fertilizers. Non-GMO crops are those that have not been genetically modified through the use of biotechnology.

The demand for organic and non-GMO produce has been continuously increasing in Canada, with consumers seeking out these products for their perceived health benefits and environmental sustainability. In response to this demand, the horticulture industry has been expanding its production of organic and non-GMO crops to meet the needs of consumers. According to Statistics Canada, the organic market in Canada was valued at $5.4 billion in 2017, with horticultural crops accounting for the majority of sales. This represents a significant increase from previous years, demonstrating the growing demand for organic produce.

Similarly, the Non-GMO market in Canada has seen significant growth in recent years. According to a report by the non-GMO Project, the number of non-GMO verified products in Canada increased by over 30% from 2016 to 2019, reflecting the growing demand for non-GMO-based products. The horticulture industry has responded to this demand by increasing its production of organic and non-GMO crops. In addition, many horticulture producers have implemented sustainable farming practices to reduce the environmental impact of their operations, further aligning with consumer values.

The Canadian government has recognized the importance of the organic and non-GMO

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market, providing support to producers through programs such as the Organic Transition Program and the Canadian Organic Standards. These programs aim to promote the growth of the organic market and ensure that consumers have access to safe, high-quality organic products. Therefore, the growing demand for organic and non-GMO products is expected to drive the demand of the Canada horticulture market in the upcoming period.

Technological Advancement is Driving the Market Growth

The Canadian horticulture market has seen significant technological advancements in recent years, leading to increased efficiency, productivity, and sustainability in the industry. These advancements have enabled horticulture producers to optimize production and meet the growing demand for fresh produce in Canada and around the world.

The growing use of precision agriculture techniques is considered one of the most significant technological advancements in the Canadian horticulture market. Precision agriculture involves the use of sensors, drones, and other technologies to monitor crops and optimize production. This technology enables horticulture producers to collect data on soil moisture, nutrient levels, and other factors that can impact crop growth, allowing them to make informed decisions about irrigation, fertilization, and other aspects of crop management.

Another significant advancement in the horticulture industry is the use of vertical farming techniques. Vertical farming involves the cultivation of crops in vertically stacked layers, using artificial lighting and hydroponic systems. This technology enables producers to grow crops in controlled environments, optimizing production and reducing the need for water and other resources.

The use of biotechnology is becoming increasingly prevalent in the Canadian horticulture market. Biotechnology involves the use of genetic engineering to develop crops with desirable traits, such as disease resistance or increased yield. While this technology is controversial, it has the potential to increase productivity and reduce the environmental impact of horticulture production.

In addition to these technological advancements, horticulture producers are adopting sustainable farming practices to reduce their environmental impact. This includes the use of natural pest control methods, crop rotation, and the implementation of conservation tillage practices. These practices help to preserve soil health, reduce the

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use of synthetic pesticides, and promote biodiversity in the horticulture industry.

The Canadian government has recognized the importance of technological advancement in the horticulture industry, providing funding for research and development in precision agriculture, biotechnology, and other areas. The Minister of Agriculture and Agri-Food, Canada announced funding of USD 17.6 million today for crop-related research in 2023 through Saskatchewan's Agriculture Development Fund (ADF). This investment includes USD 10.3 million for 49 research projects and USD 7.2 million in operational support over the next five years for the Crop Development Centre (CDC) in Saskatoon. This support has helped to drive innovation in the industry, making Canada a leader in the adoption of sustainable and efficient horticulture practices.

Market Segmentation

Canada horticulture market is segmented based on cultivation types, applications, propagation, and region. Based on the cultivation types, the market is categorized into flowers & ornamentals, fruits & vegetables, nursery crops, and others. Based on the application, the market is categorized into greenhouse, indoor farms, and vertical farms. Based on propagation, the market is fabricated into vegetative, seed, breeding, layering & cutting, grafting, and others. Based on region, the market is segmented into Ontario, Quebec, the West, British Columbia, Atlantic Canada, the North.

Company Profiles

The Fruit and Vegetable Growers of Canada, Flowers Canada (Ontario) Inc, Even-Spray & Chemicals Ltd., Koppert B.V., JVK. Canada, AxxonLab Inc., Curry Industries Ltd, Penergetic Canada, Heartnut Grove Inc., and MS Gregson Inc. are some of the key players in Canada horticulture market.

Report Scope:

In this report, Canada Horticulture market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

Canada Horticulture Market, By Cultivation Type:

Flowers and Ornamentals

Fruits and Vegetables

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Nursery Crops

Others

Canada Horticulture Market, By Application:

Greenhouse

Indoor Farms

Vertical Farms

Canada Horticulture Market, By Propagation:

Vegetative

Seed

Breeding

Layering & Cutting

Grafting

Others

Canada Horticulture Market, By Region:

Ontario

Quebec

The West

British Columbia

Atlantic Canada

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The North

Competitive landscape

Company Profiles: Detailed analysis of the major companies in Canada Horticulture Market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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