

Canada Mushroom Cultivation Market, By Type (Button Mushroom, Oyster Mushroom, Shiitake Mushroom, and Others), By Raw Material (Animal Based, Bio-Based Industrial Trash, and Others), By Phase (Composting, Spawning, Casing, Pinning, and Harvesting), By Form (Canned, Frozen, Fresh, Dried, and Others), By Application (Bedding, Cushion), By Region, Competition, Opportunity and Forecast, 2028

<https://marketpublishers.com/r/CAE97C45A601EN.html>

Date: October 2023

Pages: 83

Price: US\$ 3,500.00 (Single User License)

ID: CAE97C45A601EN

Abstracts

Canada mushroom cultivation market is estimated to grow significantly through 2028 due to increasing demand for healthy and nutritious food, rising awareness of the medicinal benefits of mushrooms, increasing popularity of vegetarian and vegan diets, technological advancements in the industry, and favorable government policies and initiatives. In 2021, the Census of Agriculture published that there are 264 mushroom farms in Canada. There are almost three mushroom farms in every province, with Ontario (89), Quebec (87), and British Columbia (40) home to the most farms.

The Canada mushroom cultivation market is expected to continue due to the growing demand for more efficient and sustainable farming practices. Mushroom cultivation is the process of growing various edible and medicinal mushroom species for commercial or personal use. Mushrooms have been consumed for thousands of years and are considered a delicacy in many cultures. In addition to their culinary value, mushrooms are also known for their medicinal properties, and have been used to treat a wide range of ailments. Mushrooms are unique because they are not plants, but rather belong to the fungi kingdom. They grow from spores and require a specific set of conditions to thrive, including the right temperature, humidity, and substrate. Mushrooms are grown in

a variety of different ways, including indoor and outdoor cultivation methods.

Mushrooms are used in a variety of ways in the food industry, including as a key ingredient in dishes like risotto, pasta, and soups. They are also commonly used as a meat substitute in vegetarian and vegan dishes. In addition to their culinary uses, mushrooms are also used in the production of supplements and medicinal products. Mushrooms are known for their unique nutritional profile, as they are low in calories and fat but high in fiber, vitamins, and minerals. They are also a good source of antioxidants and beta-glucans, which are compounds known for their immune-boosting properties. Therefore, considering the above-mentioned benefits and uses of mushrooms, it is expected that the demand for the Canada mushroom cultivation market is expected to rise in the forecasted period.

The Increasing Popularity of Vegetarian and Vegan Diets is Driving the Canada Mushroom Cultivation Market Demand

The Canada mushroom cultivation market is experiencing significant growth due to the increasing popularity of vegetarian and vegan diets. Mushrooms are a popular meat substitute among those who choose to follow a plant-based diet as they are a good source of protein, vitamins, and minerals. As more people adopt vegetarian and vegan diets, the demand for mushrooms is rising, leading to a boost in the mushroom cultivation industry.

Mushrooms can be used in a variety of dishes, making them a versatile ingredient in the kitchen. They can be sautéed, roasted, grilled, or used as a meat substitute in dishes like burgers, stews, and casseroles. Additionally, mushrooms have been found to have various health benefits, such as boosting the immune system and aiding in digestion, which further increases their popularity among health-conscious consumers.

As the demand for mushrooms continues to rise, farmers are expanding their production to meet the market's needs. Technological advancements have also made mushroom cultivation more efficient and cost-effective, driving growth in the industry. For example, some farmers are using automated systems to regulate temperature and humidity levels in mushroom growing rooms, reducing labor costs and increasing yield. As an outcome, around 151,894 short tons of mushrooms is sold by Canadian mushroom growers in 2021, which is 3.9% higher than the previous year and 20.2% higher when compared to 2015.

The increasing popularity of vegetarian and vegan diets is not the only factor driving the

growth of the Canada mushroom cultivation market. Other factors include the rising demand for organic foods, the growing awareness of the health benefits of mushrooms, and the increasing use of mushrooms in the food service industry. Therefore, the increasing demand for fresh produce and locally grown fruits, and vegetables has influenced the growth of Canada mushroom cultivation market.

Supportive Government Policies Propels the Canada Mushroom Cultivation Market Growth

Mushrooms are one of the most popular culinary ingredients worldwide, and their demand is continuously growing due to their versatility and nutritional benefits. Additionally, there is an increasing demand for mushrooms due to their medicinal properties, which have led to a rise in their use in various medical applications. In Canada, the mushroom cultivation market is experiencing steady growth, and supportive government policies are one of the factors driving this growth.

The Canadian government is actively supporting the mushroom industry, with initiatives aimed at increasing the production and consumption of mushrooms. For instance, the government provides funding for research into mushroom cultivation and processing techniques, with a focus on sustainable production methods. The government also supports initiatives that promote the consumption of mushrooms as part of a healthy diet. This includes educational campaigns that highlight the nutritional benefits of mushrooms and their versatility in various cuisines.

The government's efforts have led to an increase in the number of mushroom cultivation operations across Canada. In recent years, several new mushroom farms have been established, and existing operations have expanded their production capacity. This has increased the availability of fresh mushrooms in the market, which has contributed to the growth of the industry. In 2022, Optimi Health harvested its first cultivation plant of psilocybin mushrooms at its Health Canada-licensed facilities in Princeton, British Columbia.

Another way in which government policies are supporting the growth of the mushroom cultivation market in Canada is through trade agreements. Canada has entered into several trade agreements that have opened up new export markets for Canadian mushroom producers. For instance, the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP) has provided Canadian mushroom farmers with access to new markets in Asia. This has increased the demand for Canadian mushrooms, leading to increased production and growth in the industry.

Furthermore, the Canadian government's support for small and medium-sized businesses (SMEs) has also benefited the mushroom cultivation industry. Many mushroom farms in Canada are SMEs, and government policies that support these businesses have enabled them to invest in modern equipment and technology, increase their production capacity, and compete with larger farms in the market. Hence, all these efforts by the government as well as the people are expected to propel the demand for the Canada mushroom cultivation market in the anticipated period.

Rising Awareness of the Medicinal Benefits of Mushrooms is Influencing the Canada Mushroom Cultivation Market Growth

Mushrooms have been a popular ingredient in cuisines worldwide for centuries, but their benefits go beyond taste. Recently, there has been a growing awareness of the medicinal benefits of mushrooms, and this trend is influencing the Canada mushroom cultivation market's growth. In April 2022, a clinic named "Roots To Thrive" located at Nanaimo, British Columbia, became Canada's first health center that offer a legal psilocybin group therapy program to treat mental illness. As of now, almost 15 new requests is received to get the license for the use of psilocybin or MDMA, a psychedelic drug with stimulant properties.

Mushrooms are a rich source of bioactive compounds, including polysaccharides, terpenoids, and phenolic compounds. These compounds have been linked to a range of potential health benefits, including immune system support, anti-inflammatory effects, and cancer-fighting properties. Additionally, mushrooms are a good source of vitamins and minerals, such as vitamin D, potassium, and selenium.

As more people become aware of these potential health benefits, the demand for mushrooms is on the rise. This is particularly true for functional mushrooms, which are varieties that are specifically grown for their medicinal properties. Some of the most popular functional mushrooms include reishi, chaga, and lion's mane.

The rising popularity of vegetarian and vegan diets is also driving the growth of the Canada mushroom cultivation market. As more people turn to plant-based diets, mushrooms are becoming an increasingly important source of protein and other nutrients. Additionally, mushrooms are a versatile ingredient that can be used in a wide range of dishes, making them an attractive option for people looking to add variety to their diets.

To meet the growing demand for mushrooms, many Canadian mushroom cultivation companies are investing in new technologies and techniques to increase their yield and improve the quality of their products. For example, some companies are using advanced monitoring systems to track growing conditions and optimize the growing process. Others are experimenting with new growing mediums and techniques, such as vertical farming and indoor cultivation, to increase efficiency and reduce their environmental impact. Furthermore, the rise of functional foods and nutraceuticals has created a new avenue for the use of mushrooms in the Canadian market. These products combine the health benefits of mushrooms with other functional ingredients to create a range of dietary supplements and functional foods, such as mushroom coffee, tea, and protein powders. Hence, the increasing awareness of the medicinal benefits of mushrooms is a significant factor driving the growth of the Canada mushroom cultivation market.

Market Segmentation

Canada mushroom cultivation market is segmented based on type, raw materials, phase, form, application, and region. Based on the type, the market is categorized into button mushrooms, oyster mushrooms, shiitake mushrooms, and others. Based on the raw materials, the market is divided into animal-based, bio-based industrial trash, and others. Based on the phase, the market is categorized into composting, spawning, casing, pinning, and harvesting. Based on the phase, the market is fabricated into canned, frozen, fresh, dried, and others. Based on the application, the market is fabricated into bedding and cushion.

Company Profiles

Optimi Health Corp., Valley Mushrooms (P.E.I.) Limited, Champag Inc., Enviro Mushroom Farm Inc., Highline Produce Limited, South Mill Champs, Farmers Fresh Mushrooms Inc., Loveday Mushroom Farms Ltd., Ceres Solutions Ltd., and Whitecrest Mushrooms Ltd are some of the key players in Canada mushroom cultivation market.

Report Scope:

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

Canada Mushroom Cultivation Market, By Type:

Canada Mushroom Cultivation Market, By Type (Button Mushroom, Oyster Mushroom, Shiitake Mushroom, and Others),...

Button Mushrooms

Oyster Mushrooms

Shiitake Mushrooms

Others

Canada Mushroom Cultivation Market, By Raw Material:

Animal-Based

Bio-Based Industrial Trash

Others

Canada Mushroom Cultivation Market, By Phase:

Composting

Spawning

Casing

Pinning

Harvesting

Canada Mushroom Cultivation Market, By Form:

Canned

Frozen

Fresh

Dried

Others

Canada Mushroom Cultivation Market, By Application:

Bedding

Cushion

Canada Mushroom Cultivation Market, By Region:

Ontario

Quebec

The West

British Columbia

Atlantic Canada

The North

Competitive landscape

Company Profiles: Detailed analysis of the major companies in Canada mushroom cultivation 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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