

Egypt Seed Treatment Market By Type (Chemical, Biological), By Crop Type (Cereals & Grain, Pulses & Oil Seed Treatment, Fruits & Vegetables), By Function (Seed Protection, Seed Enhancement), By Application Technique (Seed pelleting, Seed Coating, Seed Dressing, Others), By Region, Competition, Forecast & Opportunities, 2028F

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Report description:

Egypt Seed Treatment Market is anticipated to grow significantly rate in the projected period of 2028, which is driven by the increasing demand for food specially cereals & grain such as wheat, rice, and maize. In 2021, the wheat consumption in Egypt amounted to 20.5 million metric tons.

Egypt Seed Treatment Market is expected to expand during the projected period due to increasing demand for food such as cereals & grain as these play a vital role in the diet of human and animals. Seed treatments aim to eliminate/reduce inoculum levels and/or disease development from seedborne fungi that are present on or within seeds, without affecting the viability and germination/emergence capacity of seed.

Egypt Seed Treatment Market is a dynamic and competitive sector that offers opportunities for growth and innovation. The market players are focusing on expanding their product portfolio, enhancing their quality standards, improving their distribution network, and increasing their market share. The market is expected to witness new entrants and collaborations among the existing players in the forecasted period.

Merger and acquisition activity in the Seed Treatment Market in Egypt has been focused on expanding product offerings, strengthening market position, and enhancing companies' presence in the region. These acquisitions have allowed companies to better serve their customers and meet the growing demand for Seed Treatment in Egypt.

Rising Demand for Food Dominate the Market Growth

Egypt is a country with a long history of agriculture, with rapid urbanization and growing population led to increase in the demand

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for food. To fulfil this demand farmers are looking for ways to increase food production, while minimizing losses due to pests and diseases. Seed treatment products help farmers to achieve this goal by protecting their crops from pests and diseases and increasing their yields. In respect of food, cereals and grains are a key dominant sector as it has been an essential part of the diet for thousands of years. Even today, the demand for cereals and grains in Egypt remains high. The main cereal crops grown in Egypt include wheat, maize, and rice. Wheat is the most important crop, accounting for over half of Egypt's cereal production. Maize and rice are grown, but in smaller quantities. The country is a significant producer of other grains such as barley and sorghum. Wheat is grown in large area, in comparison to rice. The demand for cereals and grains in Egypt is driven by the country's growing food processing industry. Processed food products such as bread, pasta, and breakfast cereals are popular among Egyptian consumers, and these products often contain large quantities of wheat and other grains.

For instance, in March 2023, Syngenta Crop Protection partners with Aphea.Bio introduced a new biostimulant seed treatment set to boost wheat yields with reduced fertilizer use.

The Egyptian government has taken steps to promote domestic cereal production in recent years. These efforts include the expansion of irrigation systems, the provision of subsidies to farmers, and the development of new technologies to improve crop production. However, these efforts have not been enough to meet the country's growing demand for cereals and grains.

Due to the country's large population, and the fact that wheat is a staple food in the Egyptian diet, the demand for wheat is high in the region. Thus, to overcome the rising demand for wheat, Egypt relies heavily on import from Russia, Romania, Ukraine, and Australia to meet their population needs. In addition to wheat, Egypt imports significant quantities of other grains such as maize and soybeans. These grains are primarily used for animal feed, as Egypt is a significant producer of poultry, beef, and dairy products.

For instance, in 2022, the Egyptian government increased the procurement price and announced the early supply of wheat providing an attempt to hold the strategic reserves.

Moreover, growing demand for nutrient-dense and residue-free food products due to growing health awareness, socio-economic changes increases the adoption of precision agriculture techniques which helped farmers to increase the yield of crop thus, the use of seed treatments technology help in improving agriculture productivity as it protects the germinating seed and seedlings from seed-borne or soil-borne pathogenic organisms and storage insects as well as enable the uniform growth of crops in adverse conditions.

Therefore, the increasing demand for food specially cereals & grain led to the growth of Egypt Seed Treatment Market in the projected year.

Growing Demand for Biological Seed Treatment

With increasing demand for eco-friendly, biological, and sustainable techniques which help to increase the life of seeds as well as growing quality and quantity of food & crops the demand of biostimulants increases. Biostimulants are natural or synthetic substances that can be applied to seeds, plants, and soil. These substances cause changes in vital and structural processes to influence plant growth through improved tolerance to abiotic stresses such as drought, salt, and instances of exposure to extremely high temperatures and increase seed and/or grain yield and quality. Biostimulants help to improve nutrient uptake, nutrient utilization efficiency (NUE) and quality attributes, as well as increase nutrient presence in the soil or rhizosphere. Moreover, biostimulants are gaining popularity because they activate many physiological processes that improve nutrient use efficiency, promote plant growth, and reduce the consumption of fertilizers, which increases yield without degrading plant quality. For instance, in January 2022, Bayer Crop Science introduced Ambition a first biostimulant, a formulation of a crop supplement containing amino acids and fulvic acids which helps crops reach their full potential by optimizing nutrient efficiency, strengthening plant defense mechanisms, and improving crop performance.

Therefore, increasing demand for bio-based seed treatment techniques increases the demand of Egypt Seed Treatment Market in the upcoming years.

Increasing Demand for Seed Dressing Technique

Seed dressing plays an important role in the seed treatment area as it allows the seed to germinate quicker than non-treated seeds. Seed dressing boost easy mixing with beneficial soil microorganisms, such as mycorrhizae, which helps in the absorption of nutrient. It limits seed infection and protects the crop from foliar infection, thereby reducing the disease pressure later in the season, making in-crop fungicides more effective, and reducing potential loss of yield and quality during grain fill.

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However, many farmers in the country rely on traditional farming methods and are unaware of the advantages of using seed treatment products. This lack of awareness limits the demand for seed treatment products and hinders the growth of the market. Along with it, there is limited availability of high-quality seed treatment products in the country. Many international seed treatment companies are investing in the Egyptian market, the availability of high-quality products is still limited. This led to a lack of choice for farmers and limited their options for selecting the best products for their crops.

In addition, the Egyptian government has introduced regulations governing the use of seed treatment products, which can be complex and difficult to navigate. This creates a barrier to entry for smaller seed treatment companies and limits their ability to compete in the market which restrains the growth of the market. Moreover, the use of certain seed treatment products has harmful effects on the environment, such as soil and water pollution. This led to negative impacts on ecosystems and public health. Thus, the industry needs to ensure that the products used are environmentally sustainable and do not have harmful impacts as well as entering of many domestic and international players in the market, leading to fluctuation in the pricing of the products resulting in slowing down the market growth.

Market Segmentation

Egypt Seed Treatment Market is segmented based on type, crop type, function, application technique, and region. Based on type, the market is divided into chemical and biological. Based on the crop type, the market is categorized into cereals & grain, pulses & oil Seed Treatment, and fruits & vegetables. Based on function, the market is segregated into seed protection and seed enhancement. Based on application technique, the market is fragmented into seed pelleting, seed coating, seed dressing, and others. Based on region, the market is divided into Alexandria, Suez, Giza, Port Said, Cairo, and Qalyubia.

Company Profiles

BASF Egypt, Syngenta Egypt, Bayer Crop Science Egypt, Koppert B.V., Corteva Agriscience Egypt LLC, UPL Egypt are some of the key players in Egypt Seed Treatment Market.

Report Scope:

In this report, Egypt Seed Treatment Market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

□□Egypt Seed Treatment Market, By Type:

- o□Chemical

- o□Biological

□□Egypt Seed Treatment Market, By Crop Type:

- o□Cereals & Grain

- o□Pulses & Oil Seed Treatment

- o□Fruits & Vegetables

□□Egypt Seed Treatment Market, By Function:

- o□Seed Protection

- o□Seed Enhancement

□□Egypt Seed Treatment Market, By Application Techniques:

- o□Seed pelleting

- o□Seed Coating

- o□Seed Dressing

- o□Others

□□Egypt Seed Treatment Market, By Region:

- o□Alexandria

- o□Suez

- o□Giza

- o□Port Said

- o□Cairo

- o□Qalyubia

Competitive landscape

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Company Profiles: Detailed analysis of the major companies in Egypt Seed Treatment 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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