

# **Forage Seed Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Alfalfa, Clover, Ryegrass, Chicory), By Livestock (Poultry, Cattle, Swine), By Origin (Organic and Inorganic), By Form (Green and Dry), By Region and Competition, 2020-2030F**

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## **Abstracts**

Global Forage Seed Market was valued at USD 15.32 Billion in 2024 and is expected to reach USD 25.12 billion by 2030 with a CAGR of 8.67% during the forecast period. Forage seeds are cultivated specifically to nourish livestock, such as cattle, horses, and sheep, in order to provide them with a well-balanced and nutritious diet. These seeds serve as a valuable source of protein, fiber, and other essential nutrients crucial for optimal animal growth and development. As a result, they are extensively utilized in the livestock industry to ensure the overall health and well-being of animals. Additionally, forage legumes can contribute to enhancing soil fertility and preventing erosion. The market offers a wide range of forage seed varieties, each possessing distinct characteristics and benefits. Popular product variants include alfalfa, clover, ryegrass, and fescue. These seeds can be sown individually or combined with other forage crops to offer livestock a diverse and well-rounded diet.

Food and Agriculture Organization Corporate Statistical Database (FAOSTAT) production data (2021), India ranks 2nd in Egg Production and 5th in meat production in the world. Egg production in the country has increased from 78.48 billion in 2014-15 to 138.38 billion Nos. in 2022-23. Egg production in the country is growing at the Compound Annual Growth Rate (CAGR) of 7.35% over the past 9 years. The per capita availability of egg is at 101 eggs per annum in 2022-23 as against 62 eggs in 2014-15. Meat production in the country has increased from 6.69 million tonnes in 2014-15 to

9.77 million tonnes in 2022-23.

## Key Market Drivers

### Increase In Demand for Animal Fodder Owing to Rising Livestock Population

The global demand for forage seed is anticipated to witness a significant upsurge, largely attributed to the steadily rising livestock population. As meat consumption increases worldwide, the livestock sector is experiencing rapid growth, and this growth is directly influencing the demand for animal fodder. Forage seeds, being a key component of animal fodder, are projected to experience a corresponding increase in demand. Moreover, the trend towards organic farming and ethical livestock rearing practices is further propelling the demand for high-quality forage seeds. This is due to the recognition that the quality of animal fodder directly affects the health and productivity of livestock, and consequently, the quality of meat and dairy products. Furthermore, the rise in the adoption of sustainable agricultural practices is also expected to boost the global demand for forage seed, as these seeds play a crucial role in soil conservation and crop rotation. Therefore, the combination of escalating meat consumption, increasing awareness about livestock health, and the growing popularity of sustainable farming practices is expected to keep the demand for forage seeds on an upward trajectory globally.

## Key Market Challenges

### Reluctance Of Farmers to Pay for High-Quality Seeds

The reluctance of farmers to pay for high-quality forage seeds is a significant factor that is expected to contribute to a decrease in global demand. This reluctance stems from the desire to maximize profits and minimize costs, leading many farmers to opt for low-quality seeds or even recycled seeds from previous harvests, rather than investing in high-quality forage seeds. While this economic strategy may seem attractive in the short run, it often results in lower yields, poorer quality produce, and overall reduced profitability in the long run.

Furthermore, the lack of awareness about the numerous benefits of high-quality seeds also plays a role in this reluctance. Many farmers may not fully understand the advantages that high-quality seeds offer, such as higher produce quality, increased resistance to disease, and enhanced adaptability to challenging climatic conditions. As a result, education and outreach initiatives are crucial in highlighting the long-term

benefits and return on investment that can be gained from using high-quality seeds. Without the implementation of these measures, the overall global demand for high-quality forage seeds is projected to remain low, which will have a significant impact on the forage seed market. Therefore, it is essential to raise awareness among farmers about the advantages and potential profitability of using high-quality seeds, as this can lead to improved agricultural practices, increased yields, and a more sustainable forage seed industry.

## Key Market Trends

### Technological Advancements in Forage Seed Production Techniques

The field of agriculture is embracing technological advancements, specifically in the production of forage seeds, which are expected to surge global demand. Innovations such as genetic modification, precision seeding, and advanced irrigation techniques are revolutionizing the production process, leading to higher yields and improved seed quality. Genetically modified forage seeds are resistant to diseases and pests, reducing the reliance on pesticides and resulting in healthier crops. Precision seeding, made possible by GPS technology, ensures optimal seed placement and density, thereby maximizing yield per acre. Additionally, advanced irrigation techniques promote water conservation, a significant factor in regions where water scarcity is a concern. These advancements not only increase production efficiency but also make forage seed cultivation more sustainable. Moreover, the use of technology in forage seed production is enabling producers to meet the rising demand for livestock feed attributed to the burgeoning global population, increasing income levels, and changing dietary preferences. Therefore, the integration of cutting-edge technology in forage seed production is set to enhance the industry's growth trajectory and boost global demand.

## Key Market Players

Bayer AG

DOW Agrosciences LLC

Advanta Seeds Pty Ltd

Brett-Young Ltd

Allied Seed, LLC

AMPAC Seed Company

Imperial Seed Ltd.

Royal Barenburg Group

DLF Corporate

S&W Seed Co.

### Report Scope:

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

#### Forage Seed Market, By Type:

Alfalfa

Clover

Ryegrass

Chicory

#### Forage Seed Market, By Livestock:

Poultry

Cattle

Swine

#### Forage Seed Market, By Origin:

Organic

Inorganic

Forage Seed Market, By Form:

Green

Dry

Forage Seed Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Forage Seed Market.

## Available Customizations:

Global Forage Seed market report 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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