+357 96 030922
info@marketpublishers.com

Forage Sorghum Seed Market Forecasts to 2032 – Global Analysis By Type (Brown Midrib (BMR) Forage Sorghum, Non-BMR Conventional Forage Sorghum, Photoperiod Sensitive (PS) Forage Sorghum and Other Types), Seed Type, Distribution Channel, Application, End User and By Geography

https://marketpublishers.com/r/FA77A8E5F2D7EN.html
Date: April 2025
Pages: 150
Price: US$ 4,150.00 (Single User License)
ID: FA77A8E5F2D7EN

Abstracts

According to Stratistics MRC, the Global Forage Sorghum Seed Market is accounted for $175.28 million in 2025 and is expected to reach $220.64 million by 2032 growing at a CAGR of 6.5% during the forecast period. Forage sorghum seed refers to the planting material of Sorghum bicolor, a fast-growing, drought-tolerant crop cultivated primarily for livestock feed. It produces high biomass, making it ideal for silage, hay, and grazing. Compared to grain sorghum, forage sorghum grows taller, has broader leaves, and offers higher fodder yield. It thrives in warm climates and is resistant to dry conditions, making it a cost-effective feed option. Rich in fiber and energy, it enhances animal nutrition. Varieties include hybrid and sweet sorghum, selected for traits like digestibility and regrowth capacity.

According to FAOSTAT, the harvested area of sorghum in South America increased to 2.41 million hectares in 2023 from 2.32 million hectares in 2022.

Market Dynamics:

Driver:

Increasing adoption of silage & hay

+357 96 030922
info@marketpublishers.com

Forage sorghum is widely preferred for silage due to its high biomass yield, excellent digestibility, and drought tolerance. Dairy and livestock farmers rely on nutrient-rich silage to enhance milk and meat production, boosting the demand for high-yield sorghum seeds. Additionally, rising awareness of cost-effective, high-fiber fodder solutions encourages farmers to cultivate sorghum over other forage crops. As the demand for sustainable animal feed solutions grows, investments in improved hybrid sorghum seeds further propel market expansion, particularly in regions with water scarcity.

Restraint:

Limited awareness among farmers

Many farmers lack knowledge about its high biomass yield, drought tolerance, and cost-effectiveness compared to other forage crops. Misconceptions about nutritional value, silage preparation, and proper cultivation techniques further limit its usage. Additionally, inadequate access to training programs, research advancements, and government support slows market expansion.

Opportunity:

Government support & subsidies

Many governments provide financial incentives, subsidies on seeds, fertilizers, and irrigation, making forage sorghum a cost-effective choice. Policies promoting drought-resistant and sustainable crops further boost its demand, especially in arid regions. Additionally, investments in research and development enhance hybrid seed varieties with higher yields and disease resistance. Support for livestock and dairy industries also drives demand for quality fodder. These initiatives collectively improve farmer profitability and increase forage sorghum cultivation, strengthening the overall market.

Threat:

Susceptibility to pests & diseases

Forage sorghum seed is susceptible to pests and diseases due to its high sugar content, warm-season growth, and dense foliage, which create a favorable environment for infestations. Common threats include sorghum midge, aphids, armyworms, anthracnose, and rust, which reduce yield and forage quality. These issues increase

+357 96 030922
info@marketpublishers.com

farmers' dependency on pesticides and disease-resistant hybrids, raising production costs. Yield losses and crop damage discourage small-scale farmers, limiting market expansion.

Covid-19 Impact:

The covid-19 pandemic had a mixed impact on the forage sorghum seed market. Supply chain disruptions led to delays in seed distribution, affecting farming cycles. Lockdowns and labour shortages hindered agricultural activities, reducing overall cultivation. However, increased demand for livestock feed during the pandemic, driven by a rise in dairy and meat consumption, supported market stability. Government support for agriculture and a shift toward self-sufficiency in fodder production further influenced market resilience during and after the pandemic.

The hybrid seeds segment is expected to be the largest during the forecast period

The hybrid seeds segment is expected to account for the largest market share during the forecast period. Hybrid forage sorghum seed is a genetically improved variety of Sorghum bicolor, developed for higher yield, better digestibility, and resistance to pests and drought. These hybrids produce taller plants with broader leaves, making them ideal for silage, hay, and grazing in livestock farming. They offer faster growth, increased biomass, and improved nutrient content compared to traditional varieties.

The biofuel production segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the biofuel production segment is predicted to witness the highest growth rate. Forage sorghum seed plays a crucial role in biofuel production, particularly for ethanol and biogas. Its high biomass yield, fast growth, and drought resistance make it an efficient feedstock for renewable energy. Compared to maize, forage sorghum requires less water and fertilizer, reducing production costs. Its high sugar and cellulose content enhance bioethanol yields, making it a sustainable alternative to fossil fuels.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share due to rising livestock farming, increased dairy consumption, and a need for cost-effective fodder. Countries like India, China, and Australia are key contributors, driven

+357 96 030922
info@marketpublishers.com

by high demand for silage and drought-resistant crops. Government initiatives promoting sustainable agriculture further support market expansion. Technological advancements in hybrid seeds and improved farming practices are enhancing yield and quality, making forage sorghum a preferred choice for livestock feed in the region.

Region with highest CAGR:

Over the forecast period, the North America region is anticipated to exhibit the highest CAGR due to increasing livestock production, particularly in the United States and Canada. The region’s focus on high-quality silage and hay for dairy and beef cattle drives demand. Forage sorghum's drought resistance and lower input costs make it an attractive alternative to maize in water-scarce areas. Government support for sustainable agriculture further influences market growth.

Key players in the market

Some of the key players in Forage Sorghum Seed Market include Advanta Seeds, AgReliant Genetics LLC (KWS), Monsanto Company, Corteva Agriscience, Dyna-Gro Seed, Heritage Seeds, Nufarm, Allied Seed LLC, Sustainable Seed Company, Blue River Hybrids, Chromatin, Inc., Safal Seeds & Biotech, Proline Seeds, Seed Co Limited, S&W Seed Company, BRETTYOUNG, Malav Seeds Pvt Ltd, Mangalam Seeds, Foragen Seeds and Nuseed.

Key Developments:

In May 2024, S&W Seed Company introduced Double Team Forage Sorghum, a non-GMO seed variety offering over-the-top grassy weed control. The forage variant aims to provide similar benefits to forage sorghum growers, enhancing yields and profitability. Double Team Forage Sorghum is available through S&W's Sorghum Partners brand and private label partners.

In October 2020, Alta Seeds introduced Empyr Premier Forages, a new lineup of forage sorghum, sudangrass, and sorghum-sudan hybrids. This launch aimed to provide livestock producers with high-yield, nutrient-rich, and highly digestible forage options, particularly suited for silage, hay, and grazing systems. The Empyr lineup features hybrid varieties designed to maximize feed efficiency and yield, offering improved drought tolerance, disease resistance, and enhanced digestibility.

Types Covered:

+357 96 030922
info@marketpublishers.com

Brown Midrib (BMR) Forage Sorghum

Non-BMR Conventional Forage Sorghum

Photoperiod Sensitive (PS) Forage Sorghum

Other Types

Seed Types Covered:

Hybrid Seeds

Open-Pollinated Seeds

Genetically Modified (GMO) Seeds

Non-GMO Seeds

Other Seed Types

Distribution Channels Covered:

Direct Sales

Distributors & Dealers

Agricultural Cooperatives

Online Retailers

Other Distribution Channels

Applications Covered:

Livestock Feed

+357 96 030922
info@marketpublishers.com

- Silage Production
- Biofuel Production
- Other Applications

End Users Covered:

- Farmers & Ranchers
- Agricultural Research Institutes
- Dairy & Meat Producers
- Biofuel Companies
- Other End Users

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - UK
  - Italy
  - France

+357 96 030922
info@marketpublishers.com

- Spain
- Rest of Europe

Asia Pacific

- Japan
- China
- India
- Australia
- New Zealand
- South Korea
- Rest of Asia Pacific

South America

- Argentina
- Brazil
- Chile
- Rest of South America

Middle East & Africa

- Saudi Arabia
- UAE
- Qatar

+357 96 030922
info@marketpublishers.com

South Africa

Rest of Middle East & Africa

What our report offers:
- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

5 GLOBAL FORAGE SORGHUM SEED MARKET, BY TYPE

5.1 Introduction
5.2 Brown Midrib (BMR) Forage Sorghum
5.3 Non-BMR Conventional Forage Sorghum
5.4 Photoperiod Sensitive (PS) Forage Sorghum
5.5 Other Types

6 GLOBAL FORAGE SORGHUM SEED MARKET, BY SEED TYPE

6.1 Introduction
6.2 Hybrid Seeds
6.3 Open-Pollinated Seeds
6.4 Genetically Modified (GMO) Seeds
6.5 Non-GMO Seeds
6.6 Other Seed Types

7 GLOBAL FORAGE SORGHUM SEED MARKET, BY DISTRIBUTION CHANNEL

7.1 Introduction
7.2 Direct Sales
7.3 Distributors & Dealers
7.4 Agricultural Cooperatives
7.5 Online Retailers
7.6 Other Distribution Channels

8 GLOBAL FORAGE SORGHUM SEED MARKET, BY APPLICATION

8.1 Introduction
8.2 Livestock Feed
8.3 Silage Production
8.4 Biofuel Production
8.5 Other Applications

9 GLOBAL FORAGE SORGHUM SEED MARKET, BY END USER

9.1 Introduction
9.2 Farmers & Ranchers
9.3 Agricultural Research Institutes

+357 96 030922
info@marketpublishers.com

10 GLOBAL FORAGE SORGHUM SEED MARKET, BY GEOGRAPHY

11 KEY DEVELOPMENTS

+357 96 030922
info@marketpublishers.com

12 COMPANY PROFILING

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Forage Sorghum Seed Market Forecasts to 2032 – Global Analysis By Type (Brown Midrib (BMR) Forage Sorghum, Non-BMR Conventional Forage Sorghum, Photoperiod Sensitive (PS) Forage Sorghum and Other Types), Seed Type, Distribution Channel, Application, End User and By Geography

Product link: https://marketpublishers.com/r/FA77A8E5F2D7EN.html

Price: US$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/FA77A8E5F2D7EN.html