

# **Farm Tire Market Forecasts to 2032 – Global Analysis By Tire Type (Bias Tires, Radial Tires and Specialty Tires), Equipment Type, Size, Pressure, Sales Channel, Application and By Geography**

<https://marketpublishers.com/r/FE53965879A3EN.html>

Date: September 2025

Pages: 200

Price: US\$ 4,150.00 (Single User License)

ID: FE53965879A3EN

## **Abstracts**

According to Statistics MRC, the Global Farm Tire Market is accounted for \$9.10 billion in 2025 and is expected to reach \$15.50 billion by 2032 growing at a CAGR of 7.9% during the forecast period. A farm tire is a specialized type of tire designed for agricultural machinery such as tractors, harvesters, sprayers, and other farm equipment. These tires are built to provide superior traction, stability, and durability across various terrains, including soil, mud, grass, and uneven fields. Farm tires are engineered to handle heavy loads, reduce soil compaction, and improve efficiency in farming operations. They come in different types, such as radial and bias-ply, each suited for specific applications. With features like deep treads and reinforced sidewalls, farm tires enhance performance, minimize slippage, and support productivity in challenging agricultural environments.

Market Dynamics:

Driver:

Mechanization & rising food demand

Features such as panoramic views, sun exposure, and convertible options are gaining popularity. Automakers are incorporating roof systems to elevate brand perception and differentiate models. SUV and crossover trends are supporting broader adoption. Smart materials and embedded technologies are improving comfort and usability. These factors are reinforcing the strategic role of roof systems in modern automotive platforms.

#### Restraint:

##### Raw material price volatility & supply chain issues

Motorized components, smart glass, and sealing mechanisms increase production costs. Structural and weight considerations complicate design and assembly. OEMs must balance feature inclusion with affordability. Aftermarket upgrades are constrained by installation challenges. These issues are slowing adoption in cost-sensitive segments.

#### Opportunity:

##### Precision & sustainable farming practices

Smart glass, solar panels, and sensor integration are expanding functionality. Lightweight composites are improving fuel efficiency and design flexibility. Connectivity with vehicle systems is enhancing user experience. Automakers are aligning roof innovations with sustainability and digitalization goals. These developments are opening new growth opportunities across premium and EV segments.

#### Threat:

##### Demand fluctuations & durability reducing replacement cycles

Structural reinforcements can affect handling and fuel economy. Limited space reduces customization options. OEMs must optimize designs to maintain balance between aesthetics and efficiency. Use of lightweight materials is critical to mitigate trade-offs. These constraints are shaping product development strategies.

#### Covid-19 Impact:

The COVID-19 pandemic significantly impacted the farm tire market by disrupting global supply chains, causing raw material shortages, and delaying production schedules. Lockdowns and restrictions reduced workforce availability, slowing manufacturing and distribution. Demand fluctuations arose as farming activities continued but faced uncertainty due to trade restrictions and logistic challenges. While essential agricultural operations sustained some demand for farm tires, delayed equipment purchases and economic uncertainties hindered market growth. Gradual recovery began with

reopening economies and renewed agricultural investments.

The bias tires segment is expected to be the largest during the forecast period

The bias tires segment is expected to account for the largest market share during the forecast period due to their popularity across vehicle classes. Ventilation, lighting, and aesthetic benefits support consumer appeal. Tilt, slide, and panoramic options cater to varied preferences. OEMs are expanding sunroof availability to enhance value perception. Material and sealing improvements are boosting performance. This segment will continue to lead due to its adaptability and demand consistency.

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

Over the forecast period, the transportation segment is predicted to witness the highest growth rate owing to growing interest in convertible and lifestyle vehicles. Fabric-based designs offer flexibility and weight advantages. Integration with electric controls and weatherproofing enhances functionality. Premium and leisure segments are driving adoption. Modular platforms are expanding model compatibility. This segment is set for rapid growth as open-air driving gains popularity.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share by rapid agricultural expansion and a growing rural workforce. Farmers increasingly adopt mechanized equipment to improve efficiency and productivity, boosting demand for varied tire types across tractors, harvesters, and trailers. Diverse climatic conditions and soil types create a need for region-specific tire designs. The market benefits from government support for modern farming practices and subsidies for machinery. Rising food security concerns and increasing farm mechanization in developing economies further propel tire adoption, making the region highly dynamic and growth-oriented.

Region with highest CAGR:

Over the forecast period, the North America region is anticipated to exhibit the highest CAGR by advanced mechanization and the widespread adoption of modern agricultural machinery. Farmers in the region increasingly prefer durable and efficient tires that can handle diverse terrains and large-scale farming operations. Technological innovations,

such as precision agriculture and smart equipment, further drive the demand for specialized farm tires. Sustainability trends also influence the market, with rising interest in eco-friendly tire materials. Additionally, replacement demand remains strong due to consistent usage and long operating cycles.

### Key players in the market

Some of the key players in Farm Tire Market include Michelin, Bridgestone Corporation, Continental AG, Goodyear Tire & Rubber Company, Trelleborg AB, Balkrishna Industries Limited, Titan International, Inc., Yokohama Rubber Co., Ltd., Mitas, Alliance Tire Group (ATG), CEAT Specialty, JK Tyre & Industries Ltd., Apollo Tyres Ltd., Nokian Tyres plc and Linglong Tire.

### Key Developments:

In March 2025, Bridgestone unveiled two new tires—R273 Ecopia and Duravis M705—featuring ENLITEN technology at the TMC Annual Meeting. While not farm-specific, the ENLITEN platform is being adapted for agricultural tires to improve wear resistance, fuel efficiency, and sustainability in mixed-use rural fleets.

In January 2025, Michelin India showcased next-gen global tire technologies under its “Michelin in Motion” strategy, reinforcing its commitment to sustainable agriculture. The initiative includes collaborative R&D with OEMs and agri-tech firms to develop precision farming tires with reduced soil compaction and enhanced fuel efficiency.

### Tire Types Covered:

Bias Tires

Radial Tires

Specialty Tires

### Equipment Types Covered:

Tractors

Harvesters

Sprayers

Trailers

Other Equipment Types

Sizes Covered:

Less than 16 inches

16 to 24 inches

25 inches and above

Pressures Covered:

Standard Pressure Tires (Less than 60 PSI)

High Pressure Tires (60 to 100 PSI)

Very High Pressure Tires (Over 100 PSI)

Sale Channels Covered:

Original Equipment Manufacturer

Aftermarket

Applications Covered:

Irrigation

Harvesting

Planting & Cultivation

Transportation

Soil Preparation & Plowing

Fertilizing & Crop Protection

Other Applications

#### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

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

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

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