

Agroforestry Market Forecasts to 2030 – Global Analysis By Product (Timber & Lumber and Fiber Crops, Fruits and Nuts, Vegetables and Herbs, Medicinal Plants and Other Products), System and By Geography

<https://marketpublishers.com/r/A04D6DBDB28BEN.html>

Date: February 2025

Pages: 150

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

ID: A04D6DBDB28BEN

Abstracts

According to Statistics MRC, the Global Agroforestry Market is accounted for \$110.41 billion in 2024 and is expected to reach \$184.46 billion by 2030 growing at a CAGR of 8.93% during the forecast period. Agroforestry is a sustainable land management technique that establishes a mutually beneficial relationship between crops, livestock, and the environment by incorporating trees and shrubs into agricultural landscapes. Agroforestry, which combines forestry and agricultural practices, improves soil health, increases biodiversity, and slows down climate change by sequestering carbon. Alley cropping, silvopasture, and windbreaks are examples of common systems that are intended to optimize the financial and environmental advantages for farmers.

According to a study conducted by the Centre for International Forestry Research-World Agroforestry (CIFOR-ICRAF), agroforestry systems have significant potential for carbon sequestration. The study highlights that increasing tree cover on agricultural land can capture substantial amounts of CO₂, making agroforestry a key tool for mitigating climate change.

Market Dynamics:

Driver:

Growing interest in biodiversity

The movement to protect biodiversity has accelerated due to the threats that monoculture farming and deforestation pose to ecosystems around the world. By restoring degraded areas and establishing habitats for pollinators, birds, and other wildlife, agro forestry promotes the stability of ecosystems. In addition to improving ecosystem services like pollination and natural pest control, diverse agro forestry systems, like multi-species cropping and silvopasture, lower the chance of crop failure brought on by pests or diseases. Additionally, agro forestry has gained popularity among supporters of sustainable agriculture and environmentally conscious consumers due to its biodiversity.

Restraint:

Expensive initial outlay and sustained investment

Planting trees, setting up irrigation systems and changing land-use patterns are all common upfront costs associated with agroforestry systems. Particularly when it comes to the cultivation of timber or fruit trees, agroforestry systems may take several years to yield significant returns, in contrast to conventional farming, where crops yield profits in a single season. Those who depend on quick cash or small-scale farmers with limited resources may be put off by this delay in financial returns. Furthermore, the expenses linked to tree care, pest management, and harvesting exacerbate the financial strain and restrict the implementation of agroforestry techniques.

Opportunity:

Initiatives for climate mitigation and carbon sequestration

Agroforestry has become a useful technique for sequestering carbon as a result of the global emphasis on lowering carbon emissions and addressing climate change. Significant amounts of carbon dioxide are absorbed and stored by trees in agroforestry systems, supporting international carbon offset initiatives. As part of reforestation initiatives and carbon credit programs, governments, businesses, and non-governmental organizations are investing more and more in agroforestry projects. Moreover, by implementing agroforestry practices, farmers and landowners can now take advantage of financial incentives and payments for ecosystem services (PES).

Threat:

Unpredictable weather patterns and climate change

Agroforestry is not impervious to the effects of climate change, despite being marketed as a remedy for it. The development and productivity of trees, crops, and livestock in agroforestry systems can be significantly impacted by erratic weather patterns, such as protracted droughts, heavy rainfall, or abrupt temperature changes. Cyclones, floods, and wildfires are examples of extreme weather events that can seriously harm these systems, causing farmers to lose money and slowing market expansion. Additionally, shifting climatic conditions may make some agroforestry species less suitable in different areas, necessitating ongoing adaptation and research investment.

Covid-19 Impact:

The COVID-19 pandemic had a mixed impact on the agroforestry market. On the one hand, agroforestry products like timber, fruits, and nuts were impacted by logistical difficulties, labor shortages, and disruptions in global supply chains. Lockdowns and restricted trade activities caused many smallholder farmers to lose income and have less access to markets. However, the pandemic brought to light the significance of resilient and sustainable farming methods, which sparked a greater interest in agroforestry as a way to improve food security, diversify sources of income, and reduce climate risks. Despite immediate obstacles, governments and organizations in a number of areas launched initiatives to support agroforestry as part of post-pandemic recovery plans, creating long-term growth prospects for the industry.

The Timber & Lumber and Fiber Crops segment is expected to be the largest during the forecast period

The Timber & Lumber and Fiber Crops segment is expected to account for the largest market share during the forecast period. The strong demand for timber and fiber products across a range of industries, including construction, furniture, paper, and textiles, is what is causing this dominance. Agroforestry systems, which combine timber trees with crops or livestock, offer a sustainable way to meet the demand for timber worldwide while tackling environmental issues like deforestation. Moreover, this segment's dominant position in the agroforestry market has been solidified by the long-term financial benefits of timber production as well as the growing emphasis on sustainable forestry practices worldwide.

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

Over the forecast period, the agrosilvopastoral systems segment is predicted to witness the highest growth rate, which combines agriculture, forestry, and livestock to provide a comprehensive approach to land management that boosts sustainability and productivity. Benefits of agrosilvopastoral systems include increased biodiversity, improved soil fertility, and a variety of revenue streams for farmers. Additionally, the segment's rapid growth is largely driven by the need for integrated land management solutions and the growing emphasis on sustainable agricultural practices.

Region with largest share:

During the forecast period, the Asia-Pacific region is expected to hold the largest market share due to its large agricultural base, favourable climate, and growing demand for sustainable farming practices. Countries such as China, India, and Indonesia are leading the way in the adoption of agroforestry systems, which integrate crops, trees, and livestock to maximize land use, improve biodiversity, and improve soil fertility. The region's commitment to environmental sustainability, along with government initiatives supporting agroforestry practices, significantly contributes to its market dominance. Furthermore, the growing need for food security and diversified farming systems is another factor driving the growth of agroforestry in this region.

Region with highest CAGR:

Over the forecast period, the Middle East and Africa (MEA) region is anticipated to exhibit the highest CAGR. Growing knowledge of agroforestry's ability to counteract soil erosion and desertification, along with the growing need for food, fuel, and lumber as a result of population expansion, are the main drivers of this expansion. Agroforestry practices are crucial for restoring degraded lands and enhancing food security because of the region's particular climatic and geographical challenges, which include arid zones and deteriorating soils. Moreover, the increasing use of agroforestry systems, which integrate agriculture and forestry, improves environmental sustainability and gives local farmers new sources of income, which helps the market expand.

Key players in the market

Some of the key players in Agroforestry market include EcoPlanet Bamboo, Center for Agroforestry (University of Missouri), Weyerhaeuser, AGERpoint, Inc., TerraCarbon LLC, Rainforest Alliance, Center for International Forestry Research and World Agroforestry (CIFOR-ICRAF), Heartland Global, Inc., Tribmoon Agroforestry Private Limited, Green City Biotech and Agroforestry Systems Inc.

Key Developments:

In February 2024, Weyerhaeuser Company and Lapis Energy LP announced the execution of an exclusive exploration agreement for subsurface carbon dioxide sequestration in Arkansas, Louisiana and Mississippi. The agreement covers 187,500 acres of subsurface rights owned by Weyerhaeuser and spans five potential sequestration sites, including two locations that were previously identified by Weyerhaeuser as prospective opportunities for carbon capture and sequestration (CCS) development.

In June 2016, EcoPlanet Bamboo has signed a long-term lease, tripling the size of its Ghana forestry operations to 26,000 acres (10,500 hectares). This expanded area will enable the landscape scale restoration of a highly degraded ecosystem in a commercially viable manner.

Products Covered:

Timber & Lumber and Fiber Crops

Fruits and Nuts

Vegetables and Herbs

Medicinal Plants

Other Products

Systems Covered:

Agrisilvicultural Systems

Silvopastoral Systems

Agrosilvopastoral Systems

Other Systems

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 2022, 2023, 2024, 2026, and 2030
- 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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