

Natural Dyes Market By Source (Plant, Animal, Others), By Form (Powder, Liquid, Paste), By Application (Textile Dyeing, Food and Beverages, Cosmetics and Personal Care, Paper, Others), By Chemical Behavior (VAT Dyes, Acid Dyes, Basic Dyes, Others): Global Opportunity Analysis and Industry Forecast, 2025-2034

Market Report | 2025-04-01 | 463 pages | Allied Market Research

AVAILABLE LICENSES:

- Cloud Access License \$2655.00
- Business User License \$4425.00
- Enterprise License \$7412.00

Report description:

The global natural dyes market was valued at \$1.5 billion in 2024, and is projected to reach \$2.6 billion by 2034, growing at a CAGR of 6% from 2025 to 2034. Natural dyes are colorants derived from natural sources such as plants, minerals, and animals, without any synthetic chemical modifications. These dyes have been used for centuries to color textiles, food, cosmetics, and even artworks. Common plant-based sources include indigo (from the Indigofera plant), turmeric, henna, and madder. Animal-derived dyes, such as cochineal (from insects), and mineral-based pigments like ochre, are also part of this category. One of the primary drivers of the natural dyes market is the increasing consumer demand for sustainable and eco-friendly products. According to a recent survey, 78% of consumers prioritize sustainability, and 55% are willing to pay more for eco-friendly brands. This trend is particularly noticeable in textiles, cosmetics, and food industries, where safe and biodegradable options are increasingly sought after. Furthermore, 84% of customers would only support brands with good environmental practices. In response, manufacturers are adjusting their products to include natural dyes from plants, insects, and minerals, aligning with sustainability goals.

Government regulations are also shaping the market landscape. Strict environmental policies targeting pollution from synthetic dyes and industrial wastewater are prompting manufacturers to explore eco-friendly alternatives. Bans on hazardous chemicals, coupled with financial incentives for sustainable practices, further accelerate this shift. Industries are adopting natural dyes to comply with regulatory frameworks, enhance their brand reputation, and meet the growing consumer demand for ethical and sustainable products.

Furthermore, technological advancements have made the commercialization of natural dyes more feasible. Innovations in extraction techniques, such as plant breeding using modern biotechnological tools, have led to higher yields of natural dye

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com

sources with desired colors. These advancements have improved the quality and consistency of natural dyes, making them more viable for mainstream applications. Additionally, the integration of automation and artificial intelligence in dyeing processes enhances precision and reduces waste, further supporting the growth of the natural dyes market.

Despite these positive trends, the natural dyes market faces several challenges. High production costs, stemming from labor-intensive extraction processes and the need for large quantities of raw materials, make natural dyes more expensive than synthetic alternatives. Furthermore, the availability of raw materials is often limited and subject to seasonal variations, leading to supply chain inconsistencies. Challenges in achieving colorfastness and uniformity also hinder large-scale adoption, particularly in industries requiring consistent and reproducible colors.

Additionally, the push for green chemistry and sustainable development practices is further accelerating the adoption of natural dyes across various sectors. Governments and international bodies are implementing stricter regulations to reduce the environmental impact of industrial processes that use synthetic dyes. This regulatory environment is compelling manufacturers to switch to natural alternatives, thereby boosting the demand for natural dyes.

The natural dyes market is classified on the basis of source, form, application, chemical behavior, and region. By source, the market is divided into plant, animal, and others. As per form, the market is segregated into powder, liquid, and paste. By application, the market is classified into textile dyeing, food and beverages, cosmetics and personal care, paper, and others. Depending on chemical behavior, the market is segmented into VAT dyes, acid dyes, basic dyes, and others. Region-wise, the market is classified into North America, Europe, Asia-Pacific, and LAMEA.

□

Key Benefits For Stakeholders

-

This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the natural dyes market analysis from 2024 to 2034 to identify the prevailing natural dyes market opportunities.

-

The market research is offered along with information related to key drivers, restraints, and opportunities.

-

Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.

-

In-depth analysis of the natural dyes market segmentation assists to determine the prevailing market opportunities.

-

Major countries in each region are mapped according to their revenue contribution to the global market.

-

Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

-

The report includes the analysis of the regional as well as global natural dyes market trends, key players, market segments, application areas, and market growth strategies.

Additional benefits you will get with this purchase are:

- Quarterly Update and* (only available with a corporate license, on listed price)
- 5 additional Company Profile of client Choice pre- or Post-purchase, as a free update.
- Free Upcoming Version on the Purchase of Five and Enterprise User License.
- 16 analyst hours of support* (post-purchase, if you find additional data requirements upon review of the report, you may receive support amounting to 16 analyst hours to solve questions, and post-sale queries)
- 15% Free Customization* (in case the scope or segment of the report does not match your requirements, 15% is equivalent to 3 working days of free work, applicable once)
- Free data Pack on the Five and Enterprise User License. (Excel version of the report)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Free Updated report if the report is 6-12 months old or older.
- 24-hour priority response*
- Free Industry updates and white papers.

Possible Customization with this report (with additional cost and timeline, please talk to the sales executive to know more)

- Manufacturing Capacity
- Consumer Buying Behavior Analysis
- Industry life cycle assessment, by region
- Investment Opportunities
- Supply Chain Analysis & Vendor Margins
- Upcoming/New Entrant by Regions
- Technology Trend Analysis
- Distributor margin Analysis
- New Product Development/ Product Matrix of Key Players
- Pain Point Analysis
- Patient/epidemiology data at country, region, global level
- Regulatory Guidelines
- Strategic Recommendations
- Surgical procedures data- specific or multiple surgery types
- Additional company profiles with specific to client's interest
- Additional country or region analysis- market size and forecast
- Average Selling Price Analysis / Price Point Analysis
- Criss-cross segment analysis- market size and forecast
- Expanded list for Company Profiles
- Historic market data
- Import Export Analysis/Data
- Key player details (including location, contact details, supplier/vendor network etc. in excel format)
- List of customers/consumers/raw material suppliers- value chain analysis
- SWOT Analysis
- Volume Market Size and Forecast

Key Market Segments

By Source

- Animal
- Others
- Plant

By Form

- Powder
- Liquid
- Paste

By Application

- Textile Dyeing
- Food and Beverages
- Cosmetics and Personal Care
- Paper
- Others

By Chemical Behavior

- VAT Dyes

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Acid Dyes
- Basic Dyes
- Others
- By Region
- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- UK
- France
- Spain
- Italy
- Rest of Europe
- Asia-Pacific
- China
- India
- Japan
- South Korea
- Australia
- Rest of Asia-Pacific
- LAMEA
- Brazil
- Saudi Arabia
- South Africa
- Rest of LAMEA
- Key Market Players
- DSM N.V.
- Archroma
- Clariant AG.
- LANXESS
- Abbey Color Incorporated
- Toray Industries, Inc.
- BASF SE
- Evonik
- Huntsman International LLC
- Stony Creek Colors

Table of Contents:

CHAPTER 1: INTRODUCTION

- 1.1. Report description
- 1.2. Key market segments
- 1.3. Key benefits to the stakeholders
- 1.4. Research methodology
 - 1.4.1. Primary research
 - 1.4.2. Secondary research

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

1.4.3. Analyst tools and models

CHAPTER 2: EXECUTIVE SUMMARY

2.1. CXO perspective

CHAPTER 3: MARKET OVERVIEW

3.1. Market definition and scope

3.2. Key findings

3.2.1. Top impacting factors

3.2.2. Top investment pockets

3.3. Porter's five forces analysis

3.3.1. Moderate bargaining power of suppliers

3.3.2. Moderate threat of new entrants

3.3.3. Moderate threat of substitutes

3.3.4. Moderate intensity of rivalry

3.3.5. Moderate bargaining power of buyers

3.4. Market dynamics

3.4.1. Drivers

3.4.1.1. Growing Environmental and Health Concerns

3.4.1.2. Rising Demand in Textiles, Food, and Cosmetics Industries

3.4.1.3. Technological Innovations and Government Support

3.4.2. Restraints

3.4.2.1. High Production Costs and Limited Scalability

3.4.2.2. Performance Limitations Compared to Synthetic Dyes

3.4.2.3. Regulatory Hurdles and Market Fragmentation

3.4.3. Opportunities

3.4.3.1. Expansion of Sustainable and Ethical Consumer Markets

3.4.3.2. Rising Demand in Organic Food and Clean Beauty Segments

CHAPTER 4: NATURAL DYES MARKET, BY SOURCE

4.1. Overview

4.1.1. Market size and forecast

4.2. Plant

4.2.1. Key market trends, growth factors and opportunities

4.2.2. Market size and forecast, by region

4.2.3. Market share analysis by country

4.3. Animal

4.3.1. Key market trends, growth factors and opportunities

4.3.2. Market size and forecast, by region

4.3.3. Market share analysis by country

4.4. Others

4.4.1. Key market trends, growth factors and opportunities

4.4.2. Market size and forecast, by region

4.4.3. Market share analysis by country

CHAPTER 5: NATURAL DYES MARKET, BY FORM

5.1. Overview

5.1.1. Market size and forecast

5.2. Powder

5.2.1. Key market trends, growth factors and opportunities

5.2.2. Market size and forecast, by region

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.2.3. Market share analysis by country
- 5.3. Liquid
 - 5.3.1. Key market trends, growth factors and opportunities
 - 5.3.2. Market size and forecast, by region
 - 5.3.3. Market share analysis by country
- 5.4. Paste
 - 5.4.1. Key market trends, growth factors and opportunities
 - 5.4.2. Market size and forecast, by region
 - 5.4.3. Market share analysis by country

CHAPTER 6: NATURAL DYES MARKET, BY APPLICATION

- 6.1. Overview
 - 6.1.1. Market size and forecast
- 6.2. Textile Dyeing
 - 6.2.1. Key market trends, growth factors and opportunities
 - 6.2.2. Market size and forecast, by region
 - 6.2.3. Market share analysis by country
- 6.3. Food and Beverages
 - 6.3.1. Key market trends, growth factors and opportunities
 - 6.3.2. Market size and forecast, by region
 - 6.3.3. Market share analysis by country
- 6.4. Cosmetics and Personal Care
 - 6.4.1. Key market trends, growth factors and opportunities
 - 6.4.2. Market size and forecast, by region
 - 6.4.3. Market share analysis by country
- 6.5. Paper
 - 6.5.1. Key market trends, growth factors and opportunities
 - 6.5.2. Market size and forecast, by region
 - 6.5.3. Market share analysis by country
- 6.6. Others
 - 6.6.1. Key market trends, growth factors and opportunities
 - 6.6.2. Market size and forecast, by region
 - 6.6.3. Market share analysis by country

CHAPTER 7: NATURAL DYES MARKET, BY CHEMICAL BEHAVIOR

- 7.1. Overview
 - 7.1.1. Market size and forecast
- 7.2. VAT Dyes
 - 7.2.1. Key market trends, growth factors and opportunities
 - 7.2.2. Market size and forecast, by region
 - 7.2.3. Market share analysis by country
- 7.3. Acid Dyes
 - 7.3.1. Key market trends, growth factors and opportunities
 - 7.3.2. Market size and forecast, by region
 - 7.3.3. Market share analysis by country
- 7.4. Basic Dyes
 - 7.4.1. Key market trends, growth factors and opportunities
 - 7.4.2. Market size and forecast, by region
 - 7.4.3. Market share analysis by country

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

7.5. Others

7.5.1. Key market trends, growth factors and opportunities

7.5.2. Market size and forecast, by region

7.5.3. Market share analysis by country

CHAPTER 8: NATURAL DYES MARKET, BY REGION

8.1. Overview

8.1.1. Market size and forecast By Region

8.2. North America

8.2.1. Key market trends, growth factors and opportunities

8.2.2. Market size and forecast, by Source

8.2.3. Market size and forecast, by Form

8.2.4. Market size and forecast, by Application

8.2.5. Market size and forecast, by Chemical Behavior

8.2.6. Market size and forecast, by country

8.2.6.1. U.S.

8.2.6.1.1. Market size and forecast, by Source

8.2.6.1.2. Market size and forecast, by Form

8.2.6.1.3. Market size and forecast, by Application

8.2.6.1.4. Market size and forecast, by Chemical Behavior

8.2.6.2. Canada

8.2.6.2.1. Market size and forecast, by Source

8.2.6.2.2. Market size and forecast, by Form

8.2.6.2.3. Market size and forecast, by Application

8.2.6.2.4. Market size and forecast, by Chemical Behavior

8.2.6.3. Mexico

8.2.6.3.1. Market size and forecast, by Source

8.2.6.3.2. Market size and forecast, by Form

8.2.6.3.3. Market size and forecast, by Application

8.2.6.3.4. Market size and forecast, by Chemical Behavior

8.3. Europe

8.3.1. Key market trends, growth factors and opportunities

8.3.2. Market size and forecast, by Source

8.3.3. Market size and forecast, by Form

8.3.4. Market size and forecast, by Application

8.3.5. Market size and forecast, by Chemical Behavior

8.3.6. Market size and forecast, by country

8.3.6.1. Germany

8.3.6.1.1. Market size and forecast, by Source

8.3.6.1.2. Market size and forecast, by Form

8.3.6.1.3. Market size and forecast, by Application

8.3.6.1.4. Market size and forecast, by Chemical Behavior

8.3.6.2. UK

8.3.6.2.1. Market size and forecast, by Source

8.3.6.2.2. Market size and forecast, by Form

8.3.6.2.3. Market size and forecast, by Application

8.3.6.2.4. Market size and forecast, by Chemical Behavior

8.3.6.3. France

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.3.6.3.1. Market size and forecast, by Source
- 8.3.6.3.2. Market size and forecast, by Form
- 8.3.6.3.3. Market size and forecast, by Application
- 8.3.6.3.4. Market size and forecast, by Chemical Behavior
- 8.3.6.4. Spain
 - 8.3.6.4.1. Market size and forecast, by Source
 - 8.3.6.4.2. Market size and forecast, by Form
 - 8.3.6.4.3. Market size and forecast, by Application
 - 8.3.6.4.4. Market size and forecast, by Chemical Behavior
- 8.3.6.5. Italy
 - 8.3.6.5.1. Market size and forecast, by Source
 - 8.3.6.5.2. Market size and forecast, by Form
 - 8.3.6.5.3. Market size and forecast, by Application
 - 8.3.6.5.4. Market size and forecast, by Chemical Behavior
- 8.3.6.6. Rest of Europe
 - 8.3.6.6.1. Market size and forecast, by Source
 - 8.3.6.6.2. Market size and forecast, by Form
 - 8.3.6.6.3. Market size and forecast, by Application
 - 8.3.6.6.4. Market size and forecast, by Chemical Behavior
- 8.4. Asia-Pacific
 - 8.4.1. Key market trends, growth factors and opportunities
 - 8.4.2. Market size and forecast, by Source
 - 8.4.3. Market size and forecast, by Form
 - 8.4.4. Market size and forecast, by Application
 - 8.4.5. Market size and forecast, by Chemical Behavior
 - 8.4.6. Market size and forecast, by country
 - 8.4.6.1. China
 - 8.4.6.1.1. Market size and forecast, by Source
 - 8.4.6.1.2. Market size and forecast, by Form
 - 8.4.6.1.3. Market size and forecast, by Application
 - 8.4.6.1.4. Market size and forecast, by Chemical Behavior
 - 8.4.6.2. India
 - 8.4.6.2.1. Market size and forecast, by Source
 - 8.4.6.2.2. Market size and forecast, by Form
 - 8.4.6.2.3. Market size and forecast, by Application
 - 8.4.6.2.4. Market size and forecast, by Chemical Behavior
 - 8.4.6.3. Japan
 - 8.4.6.3.1. Market size and forecast, by Source
 - 8.4.6.3.2. Market size and forecast, by Form
 - 8.4.6.3.3. Market size and forecast, by Application
 - 8.4.6.3.4. Market size and forecast, by Chemical Behavior
 - 8.4.6.4. South Korea
 - 8.4.6.4.1. Market size and forecast, by Source
 - 8.4.6.4.2. Market size and forecast, by Form
 - 8.4.6.4.3. Market size and forecast, by Application
 - 8.4.6.4.4. Market size and forecast, by Chemical Behavior
 - 8.4.6.5. Australia

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.4.6.5.1. Market size and forecast, by Source
- 8.4.6.5.2. Market size and forecast, by Form
- 8.4.6.5.3. Market size and forecast, by Application
- 8.4.6.5.4. Market size and forecast, by Chemical Behavior
- 8.4.6.6. Rest of Asia-Pacific
 - 8.4.6.6.1. Market size and forecast, by Source
 - 8.4.6.6.2. Market size and forecast, by Form
 - 8.4.6.6.3. Market size and forecast, by Application
 - 8.4.6.6.4. Market size and forecast, by Chemical Behavior
- 8.5. LAMEA
 - 8.5.1. Key market trends, growth factors and opportunities
 - 8.5.2. Market size and forecast, by Source
 - 8.5.3. Market size and forecast, by Form
 - 8.5.4. Market size and forecast, by Application
 - 8.5.5. Market size and forecast, by Chemical Behavior
 - 8.5.6. Market size and forecast, by country
 - 8.5.6.1. Brazil
 - 8.5.6.1.1. Market size and forecast, by Source
 - 8.5.6.1.2. Market size and forecast, by Form
 - 8.5.6.1.3. Market size and forecast, by Application
 - 8.5.6.1.4. Market size and forecast, by Chemical Behavior
 - 8.5.6.2. Saudi Arabia
 - 8.5.6.2.1. Market size and forecast, by Source
 - 8.5.6.2.2. Market size and forecast, by Form
 - 8.5.6.2.3. Market size and forecast, by Application
 - 8.5.6.2.4. Market size and forecast, by Chemical Behavior
 - 8.5.6.3. South Africa
 - 8.5.6.3.1. Market size and forecast, by Source
 - 8.5.6.3.2. Market size and forecast, by Form
 - 8.5.6.3.3. Market size and forecast, by Application
 - 8.5.6.3.4. Market size and forecast, by Chemical Behavior
 - 8.5.6.4. Rest of LAMEA
 - 8.5.6.4.1. Market size and forecast, by Source
 - 8.5.6.4.2. Market size and forecast, by Form
 - 8.5.6.4.3. Market size and forecast, by Application
 - 8.5.6.4.4. Market size and forecast, by Chemical Behavior

CHAPTER 9: COMPETITIVE LANDSCAPE

- 9.1. Introduction
- 9.2. Top winning strategies
- 9.3. Product mapping of top 10 player
- 9.4. Competitive dashboard
- 9.5. Competitive heatmap
- 9.6. Top player positioning, 2024

CHAPTER 10: COMPANY PROFILES

- 10.1. BASF SE
 - 10.1.1. Company overview
 - 10.1.2. Key executives

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.1.3. Company snapshot
- 10.1.4. Operating business segments
- 10.1.5. Product portfolio
- 10.1.6. Business performance
- 10.2. DSM N.V.
 - 10.2.1. Company overview
 - 10.2.2. Key executives
 - 10.2.3. Company snapshot
 - 10.2.4. Operating business segments
 - 10.2.5. Product portfolio
 - 10.2.6. Business performance
- 10.3. Abbey Color Incorporated
 - 10.3.1. Company overview
 - 10.3.2. Key executives
 - 10.3.3. Company snapshot
 - 10.3.4. Operating business segments
 - 10.3.5. Product portfolio
- 10.4. Stony Creek Colors
 - 10.4.1. Company overview
 - 10.4.2. Key executives
 - 10.4.3. Company snapshot
 - 10.4.4. Operating business segments
 - 10.4.5. Product portfolio
- 10.5. Archroma
 - 10.5.1. Company overview
 - 10.5.2. Key executives
 - 10.5.3. Company snapshot
 - 10.5.4. Operating business segments
 - 10.5.5. Product portfolio
- 10.6. Evonik
 - 10.6.1. Company overview
 - 10.6.2. Key executives
 - 10.6.3. Company snapshot
 - 10.6.4. Operating business segments
 - 10.6.5. Product portfolio
 - 10.6.6. Business performance
- 10.7. Clariant AG.
 - 10.7.1. Company overview
 - 10.7.2. Key executives
 - 10.7.3. Company snapshot
 - 10.7.4. Operating business segments
 - 10.7.5. Product portfolio
 - 10.7.6. Business performance
- 10.8. Huntsman International LLC
 - 10.8.1. Company overview
 - 10.8.2. Key executives
 - 10.8.3. Company snapshot

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.8.4. Operating business segments
- 10.8.5. Product portfolio
- 10.8.6. Business performance
- 10.9. LANXESS
 - 10.9.1. Company overview
 - 10.9.2. Key executives
 - 10.9.3. Company snapshot
 - 10.9.4. Operating business segments
 - 10.9.5. Product portfolio
 - 10.9.6. Business performance
- 10.10. Toray Industries, Inc.
 - 10.10.1. Company overview
 - 10.10.2. Key executives
 - 10.10.3. Company snapshot
 - 10.10.4. Operating business segments
 - 10.10.5. Product portfolio
 - 10.10.6. Business performance

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Natural Dyes Market By Source (Plant, Animal, Others), By Form (Powder, Liquid, Paste), By Application (Textile Dyeing, Food and Beverages, Cosmetics and Personal Care, Paper, Others), By Chemical Behavior (VAT Dyes, Acid Dyes, Basic Dyes, Others): Global Opportunity Analysis and Industry Forecast, 2025-2034

Market Report | 2025-04-01 | 463 pages | Allied Market Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Cloud Access License	\$2655.00
	Business User License	\$4425.00
	Enterprise License	\$7412.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Date

2026-03-04

Signature

A large, empty rectangular box intended for a signature.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com