

North America Polylactic Acid (PLA) Market Report and Forecast 2025-2034

Market Report | 2025-06-06 | 102 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$3599.00
- Five User License \$4249.00
- Corporate License \$5099.00

Report description:

The North America polylactic acid (PLA) market size was valued at USD 438.67 Million in 2024. The market is further projected to grow at a CAGR of 13.60% between 2025 and 2034, reaching a value of USD 1570.08 Million by 2034.

In Canada, around 3.3 million tonnes of plastic waste is produced annually, a majority of which end up in landfills, significantly impacting the environment. According to the Government, if current trends continue, by 2050, the ocean may reach a 1:1 weight ratio of plastic to fish. Environmental concerns are a crucial driver for the implementation of bioplastic and provide an opportunity for the North America polylactic acid (PLA) market development. Further, in 2023, the government of the United States set a goal to replace 90% of plastics with biomaterials within the next 20 years, providing an opportunity for PLA.

As per the North America polylactic acid (PLA) market report, corn is the largest United States crop in terms of total production, the majority of which is grown in the Corn Belt. For polylactic acid producers, corn is the most readily available and cost-effective raw material due to government corn subsidies and a large high-fructose corn syrup market in the United States of America. Manufacturers are also constantly seeking other sources of starch to produce PLA that grow quickly with minimal water and fertiliser. By using organically produced raw materials, market players can enhance the sustainability of the polylactic acid market.

Market Segmentation

North America Polylactic Acid (PLA) Market Report and Forecast 2025-2034 offers a detailed analysis of the market based on the following segments.

Market Breakup by Raw Material:

- Sugarcane
- Corn

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- Cassava
- Sugar Beet
- Others

Market Breakup by Grade:

- Thermoforming
- Injection Moulding
- Extrusion
- Blow Moulding
- Others

Market Breakup by Application:

- Rigid Thermoforms
- Films and Sheets
- Bottles
- Others

Market Breakup by End Use:

- Packaging
- Consumer Goods
- Agriculture
- Textile
- Biomedical
- Others

Market Breakup by Country:

- United States of America
- Canada

Competitive Landscape

The key players in the polylactic acid (PLA) market in North America are researching to produce high-quality polylactic acid (PLA) products to meet the needs of end-user markets.

- NatureWorks LLC
- TotalEnergies SE
- FUTERRO S.A.
- BASF SE
- Jiangxi Keyuan Bio-Material Co., Ltd.

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- Jilin COFCO Biomaterial Co., Ltd.

- China BBKA Group

- Unitika Ltd

- Others

Table of Contents:

1	Executive Summary
1.1	Market Size 2024-2025
1.2	Market Growth 2025(F)-2034(F)
1.3	Key Demand Drivers
1.4	Key Players and Competitive Structure
1.5	Industry Best Practices
1.6	Recent Trends and Developments
1.7	Industry Outlook
2	Market Overview and Stakeholder Insights
2.1	Market Trends
2.2	Key Verticals
2.3	Key Countries
2.4	Supplier Power
2.5	Buyer Power
2.6	Key Market Opportunities and Risks
2.7	Key Initiatives by Stakeholders
3	Economic Summary
3.1	GDP Outlook
3.2	GDP Per Capita Growth
3.3	Inflation Trends
3.4	Democracy Index
3.5	Gross Public Debt Ratios
3.6	Balance of Payment (BoP) Position
3.7	Population Outlook
3.8	Urbanisation Trends
4	Country Risk Profiles
4.1	Country Risk
4.2	Business Climate
5	Global Polylactic Acid (PLA) Market Overview
5.1	Key Industry Highlights
5.2	Global Polylactic Acid (PLA) Historical Market (2018-2024)
5.3	Global Polylactic Acid (PLA) Market Forecast (2025-2034)
5.4	Global Polylactic Acid (PLA) Market Share by Region
5.4.1	North America
5.4.2	Europe

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 5.4.3 Asia Pacific
- 5.4.4 Latin America
- 5.4.5 Middle East and Africa
- 6 North America Polylactic Acid (PLA) Market Overview
- 6.1 Key Industry Highlights
- 6.2 North America Polylactic Acid (PLA) Historical Market (2018-2024)
- 6.3 North America Polylactic Acid (PLA) Market Forecast (2025-2034)
- 7 North America Polylactic Acid (PLA) Market by Raw Material
- 7.1 Sugarcane
 - 7.1.1 Historical Trend (2018-2024)
 - 7.1.2 Forecast Trend (2025-2034)
- 7.2 Corn
 - 7.2.1 Historical Trend (2018-2024)
 - 7.2.2 Forecast Trend (2025-2034)
- 7.3 Cassava
 - 7.3.1 Historical Trend (2018-2024)
 - 7.3.2 Forecast Trend (2025-2034)
- 7.4 Sugar Beet
 - 7.4.1 Historical Trend (2018-2024)
 - 7.4.2 Forecast Trend (2025-2034)
- 7.5 Others
- 8 North America Polylactic Acid (PLA) Market by Grade
- 8.1 Thermoforming
 - 8.1.1 Historical Trend (2018-2024)
 - 8.1.2 Forecast Trend (2025-2034)
- 8.2 Injection Moulding
 - 8.2.1 Historical Trend (2018-2024)
 - 8.2.2 Forecast Trend (2025-2034)
- 8.3 Extrusion
 - 8.3.1 Historical Trend (2018-2024)
 - 8.3.2 Forecast Trend (2025-2034)
- 8.4 Blow Moulding
 - 8.4.1 Historical Trend (2018-2024)
 - 8.4.2 Forecast Trend (2025-2034)
- 8.5 Others
- 9 North America Polylactic Acid (PLA) Market by Application
- 9.1 Rigid Thermoforms
 - 9.1.1 Historical Trend (2018-2024)
 - 9.1.2 Forecast Trend (2025-2034)
- 9.2 Films and Sheets
 - 9.2.1 Historical Trend (2018-2024)
 - 9.2.2 Forecast Trend (2025-2034)
- 9.3 Bottles
 - 9.3.1 Historical Trend (2018-2024)
 - 9.3.2 Forecast Trend (2025-2034)
- 9.4 Others
- 10 North America Polylactic Acid (PLA) Market by End Use

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 10.1 Packaging
 - 10.1.1 Historical Trend (2018-2024)
 - 10.1.2 Forecast Trend (2025-2034)
- 10.2 Consumer Goods
 - 10.2.1 Historical Trend (2018-2024)
 - 10.2.2 Forecast Trend (2025-2034)
- 10.3 Agriculture
 - 10.3.1 Historical Trend (2018-2024)
 - 10.3.2 Forecast Trend (2025-2034)
- 10.4 Textile
 - 10.4.1 Historical Trend (2018-2024)
 - 10.4.2 Forecast Trend (2025-2034)
- 10.5 Biomedical
 - 10.5.1 Historical Trend (2018-2024)
 - 10.5.2 Forecast Trend (2025-2034)
- 10.6 Others
- 11 North America Polylactic Acid (PLA) Market by Country
 - 11.1 United States of America
 - 11.1.1 Historical Trend (2018-2024)
 - 11.1.2 Forecast Trend (2025-2034)
 - 11.2 Canada
 - 11.2.1 Historical Trend (2018-2024)
 - 11.2.2 Forecast Trend (2025-2034)
- 12 Market Dynamics
 - 12.1 SWOT Analysis
 - 12.1.1 Strengths
 - 12.1.2 Weaknesses
 - 12.1.3 Opportunities
 - 12.1.4 Threats
 - 12.2 Porter's Five Forces Analysis
 - 12.2.1 Supplier's Power
 - 12.2.2 Buyer's Power
 - 12.2.3 Threat of New Entrants
 - 12.2.4 Degree of Rivalry
 - 12.2.5 Threat of Substitutes
 - 12.3 Key Indicators of Demand
 - 12.4 Key Indicators of Price
- 13 Trade Data Analysis (HS Code - 39770)
 - 13.1 Major Importing Countries
 - 13.1.1 By Volume
 - 13.1.2 By Value
 - 13.2 Major Exporting Countries
 - 13.2.1 By Volume
 - 13.2.2 By Value
- 14 Price Analysis
- 15 Competitive Landscape
 - 15.1 Supplier Selection

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 15.2 Key Global Players
- 15.3 Key Regional Players
- 15.4 Key Player Strategies
- 15.5 Company Profiles
 - 15.5.1 NatureWorks LLC
 - 15.5.1.1 Company Overview
 - 15.5.1.2 Product Portfolio
 - 15.5.1.3 Demographic Reach and Achievements
 - 15.5.1.4 Certifications
 - 15.5.2 TotalEnergies SE
 - 15.5.2.1 Company Overview
 - 15.5.2.2 Product Portfolio
 - 15.5.2.3 Demographic Reach and Achievements
 - 15.5.2.4 Certifications
 - 15.5.3 FUTERRO S.A.
 - 15.5.3.1 Company Overview
 - 15.5.3.2 Product Portfolio
 - 15.5.3.3 Demographic Reach and Achievements
 - 15.5.3.4 Certifications
 - 15.5.4 BASF SE
 - 15.5.4.1 Company Overview
 - 15.5.4.2 Product Portfolio
 - 15.5.4.3 Demographic Reach and Achievements
 - 15.5.4.4 Certifications
 - 15.5.5 Jiangxi Keyuan Bio-Material Co., Ltd.
 - 15.5.5.1 Company Overview
 - 15.5.5.2 Product Portfolio
 - 15.5.5.3 Demographic Reach and Achievements
 - 15.5.5.4 Certifications
 - 15.5.6 Jilin COFCO Biomaterial Co., Ltd.
 - 15.5.6.1 Company Overview
 - 15.5.6.2 Product Portfolio
 - 15.5.6.3 Demographic Reach and Achievements
 - 15.5.6.4 Certifications
 - 15.5.7 China BBKA Group
 - 15.5.7.1 Company Overview
 - 15.5.7.2 Product Portfolio
 - 15.5.7.3 Demographic Reach and Achievements
 - 15.5.7.4 Certifications
 - 15.5.8 Unitika Ltd
 - 15.5.8.1 Company Overview
 - 15.5.8.2 Product Portfolio
 - 15.5.8.3 Demographic Reach and Achievements
 - 15.5.8.4 Certifications
 - 15.5.9 Others

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

North America Polylactic Acid (PLA) Market Report and Forecast 2025-2034

Market Report | 2025-06-06 | 102 pages | EMR Inc.

To place an Order with Scotts International:

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

ORDER FORM:

Select license	License	Price
	Single User License	\$3599.00
	Five User License	\$4249.00
	Corporate License	\$5099.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scott's-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"/>
		Date	<input type="text" value="2026-03-07"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

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

www.scott's-international.com