

# Global Non-food Crop Biological Liquid Fuel Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

https://marketpublishers.com/r/GE295DB9AED4EN.html

Date: March 2023 Pages: 126 Price: US\$ 3,480.00 (Single User License) ID: GE295DB9AED4EN

# **Abstracts**

According to our (Global Info Research) latest study, the global Non-food Crop Biological Liquid Fuel market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

This report is a detailed and comprehensive analysis for global Non-food Crop Biological Liquid Fuel market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Non-food Crop Biological Liquid Fuel market size and forecasts, in consumption value (\$ Million), sales quantity (K Tons), and average selling prices (US\$/Ton), 2018-2029

Global Non-food Crop Biological Liquid Fuel market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Tons), and average selling prices (US\$/Ton), 2018-2029

Global Non-food Crop Biological Liquid Fuel market size and forecasts, by Type and by



Application, in consumption value (\$ Million), sales quantity (K Tons), and average selling prices (US\$/Ton), 2018-2029

Global Non-food Crop Biological Liquid Fuel market shares of main players, shipments in revenue (\$ Million), sales quantity (K Tons), and ASP (US\$/Ton), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Non-food Crop Biological Liquid Fuel

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Non-food Crop Biological Liquid Fuel market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Verbio, Abengoa, Ra?zen, GranBio and Beta Renewables, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Non-food Crop Biological Liquid Fuel market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Non-food Crop Bioethanol

Non-food Crop Biodiesel



#### Market segment by Application

Industrial

Transportation

**Chemical Industry** 

Other

Major players covered

Verbio

Abengoa

Ra?zen

GranBio

**Beta Renewables** 

Versalis

Ineos Bio

Fiberight

Ubon Bio Ethanol

NextChem

Synata Bio

Shree Renuka

Clariant



BlueFire	Renewables	Inc.

Coskata Inc

**Christof Industries** 

**ASB-Biodiesel** 

Cargill

Neste

Cepsa

Valero

Phillips 66

Shandong Longlive Bio-Technology Co.,Ltd.

Jilin Fuel Alcohol Company Limited

COFCO

Henan Tianguan Enterprise Group Co., Ltd.

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)



The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Non-food Crop Biological Liquid Fuel product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Non-food Crop Biological Liquid Fuel, with price, sales, revenue and global market share of Non-food Crop Biological Liquid Fuel from 2018 to 2023.

Chapter 3, the Non-food Crop Biological Liquid Fuel competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Non-food Crop Biological Liquid Fuel breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022.and Non-food Crop Biological Liquid Fuel market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Non-food Crop Biological Liquid Fuel.

Chapter 14 and 15, to describe Non-food Crop Biological Liquid Fuel sales channel, distributors, customers, research findings and conclusion.



# Contents

#### **1 MARKET OVERVIEW**

1.1 Product Overview and Scope of Non-food Crop Biological Liquid Fuel

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Non-food Crop Biological Liquid Fuel Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 Non-food Crop Bioethanol

1.3.3 Non-food Crop Biodiesel

1.4 Market Analysis by Application

1.4.1 Overview: Global Non-food Crop Biological Liquid Fuel Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Industrial

1.4.3 Transportation

1.4.4 Chemical Industry

1.4.5 Other

1.5 Global Non-food Crop Biological Liquid Fuel Market Size & Forecast

1.5.1 Global Non-food Crop Biological Liquid Fuel Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Non-food Crop Biological Liquid Fuel Sales Quantity (2018-2029)

1.5.3 Global Non-food Crop Biological Liquid Fuel Average Price (2018-2029)

# **2 MANUFACTURERS PROFILES**

2.1 Verbio

2.1.1 Verbio Details

2.1.2 Verbio Major Business

2.1.3 Verbio Non-food Crop Biological Liquid Fuel Product and Services

2.1.4 Verbio Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 Verbio Recent Developments/Updates

2.2 Abengoa

2.2.1 Abengoa Details

2.2.2 Abengoa Major Business

2.2.3 Abengoa Non-food Crop Biological Liquid Fuel Product and Services

2.2.4 Abengoa Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)



2.2.5 Abengoa Recent Developments/Updates

2.3 Ra?zen

2.3.1 Ra?zen Details

2.3.2 Ra?zen Major Business

2.3.3 Ra?zen Non-food Crop Biological Liquid Fuel Product and Services

2.3.4 Ra?zen Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Ra?zen Recent Developments/Updates

2.4 GranBio

- 2.4.1 GranBio Details
- 2.4.2 GranBio Major Business

2.4.3 GranBio Non-food Crop Biological Liquid Fuel Product and Services

2.4.4 GranBio Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 GranBio Recent Developments/Updates

2.5 Beta Renewables

- 2.5.1 Beta Renewables Details
- 2.5.2 Beta Renewables Major Business
- 2.5.3 Beta Renewables Non-food Crop Biological Liquid Fuel Product and Services
- 2.5.4 Beta Renewables Non-food Crop Biological Liquid Fuel Sales Quantity, Average
- Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.5.5 Beta Renewables Recent Developments/Updates

2.6 Versalis

2.6.1 Versalis Details

- 2.6.2 Versalis Major Business
- 2.6.3 Versalis Non-food Crop Biological Liquid Fuel Product and Services

2.6.4 Versalis Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 Versalis Recent Developments/Updates

2.7 Ineos Bio

2.7.1 Ineos Bio Details

- 2.7.2 Ineos Bio Major Business
- 2.7.3 Ineos Bio Non-food Crop Biological Liquid Fuel Product and Services
- 2.7.4 Ineos Bio Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Ineos Bio Recent Developments/Updates

2.8 Fiberight

2.8.1 Fiberight Details

2.8.2 Fiberight Major Business



2.8.3 Fiberight Non-food Crop Biological Liquid Fuel Product and Services

2.8.4 Fiberight Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Fiberight Recent Developments/Updates

2.9 Ubon Bio Ethanol

2.9.1 Ubon Bio Ethanol Details

2.9.2 Ubon Bio Ethanol Major Business

2.9.3 Ubon Bio Ethanol Non-food Crop Biological Liquid Fuel Product and Services

2.9.4 Ubon Bio Ethanol Non-food Crop Biological Liquid Fuel Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Ubon Bio Ethanol Recent Developments/Updates

2.10 NextChem

2.10.1 NextChem Details

2.10.2 NextChem Major Business

2.10.3 NextChem Non-food Crop Biological Liquid Fuel Product and Services

2.10.4 NextChem Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 NextChem Recent Developments/Updates

2.11 Synata Bio

2.11.1 Synata Bio Details

2.11.2 Synata Bio Major Business

2.11.3 Synata Bio Non-food Crop Biological Liquid Fuel Product and Services

2.11.4 Synata Bio Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 Synata Bio Recent Developments/Updates

2.12 Shree Renuka

2.12.1 Shree Renuka Details

- 2.12.2 Shree Renuka Major Business
- 2.12.3 Shree Renuka Non-food Crop Biological Liquid Fuel Product and Services
- 2.12.4 Shree Renuka Non-food Crop Biological Liquid Fuel Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 Shree Renuka Recent Developments/Updates

2.13 Clariant

- 2.13.1 Clariant Details
- 2.13.2 Clariant Major Business
- 2.13.3 Clariant Non-food Crop Biological Liquid Fuel Product and Services
- 2.13.4 Clariant Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 Clariant Recent Developments/Updates



- 2.14 BlueFire Renewables Inc.
  - 2.14.1 BlueFire Renewables Inc. Details
  - 2.14.2 BlueFire Renewables Inc. Major Business

2.14.3 BlueFire Renewables Inc. Non-food Crop Biological Liquid Fuel Product and Services

2.14.4 BlueFire Renewables Inc. Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 BlueFire Renewables Inc. Recent Developments/Updates

2.15 Coskata Inc

- 2.15.1 Coskata Inc Details
- 2.15.2 Coskata Inc Major Business
- 2.15.3 Coskata Inc Non-food Crop Biological Liquid Fuel Product and Services
- 2.15.4 Coskata Inc Non-food Crop Biological Liquid Fuel Sales Quantity, Average
- Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.15.5 Coskata Inc Recent Developments/Updates

2.16 Christof Industries

- 2.16.1 Christof Industries Details
- 2.16.2 Christof Industries Major Business
- 2.16.3 Christof Industries Non-food Crop Biological Liquid Fuel Product and Services
- 2.16.4 Christof Industries Non-food Crop Biological Liquid Fuel Sales Quantity,
- Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.16.5 Christof Industries Recent Developments/Updates

2.17 ASB-Biodiesel

- 2.17.1 ASB-Biodiesel Details
- 2.17.2 ASB-Biodiesel Major Business
- 2.17.3 ASB-Biodiesel Non-food Crop Biological Liquid Fuel Product and Services
- 2.17.4 ASB-Biodiesel Non-food Crop Biological Liquid Fuel Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

2.17.5 ASB-Biodiesel Recent Developments/Updates

2.18 Cargill

- 2.18.1 Cargill Details
- 2.18.2 Cargill Major Business
- 2.18.3 Cargill Non-food Crop Biological Liquid Fuel Product and Services
- 2.18.4 Cargill Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.18.5 Cargill Recent Developments/Updates

2.19 Neste

- 2.19.1 Neste Details
- 2.19.2 Neste Major Business



2.19.3 Neste Non-food Crop Biological Liquid Fuel Product and Services

2.19.4 Neste Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.19.5 Neste Recent Developments/Updates

2.20 Cepsa

- 2.20.1 Cepsa Details
- 2.20.2 Cepsa Major Business
- 2.20.3 Cepsa Non-food Crop Biological Liquid Fuel Product and Services
- 2.20.4 Cepsa Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

- 2.20.5 Cepsa Recent Developments/Updates
- 2.21 Valero
  - 2.21.1 Valero Details
  - 2.21.2 Valero Major Business
  - 2.21.3 Valero Non-food Crop Biological Liquid Fuel Product and Services
  - 2.21.4 Valero Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.21.5 Valero Recent Developments/Updates

- 2.22 Phillips
  - 2.22.1 Phillips 66 Details
  - 2.22.2 Phillips 66 Major Business
  - 2.22.3 Phillips 66 Non-food Crop Biological Liquid Fuel Product and Services
- 2.22.4 Phillips 66 Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.22.5 Phillips 66 Recent Developments/Updates
- 2.23 Shandong Longlive Bio-Technology Co.,Ltd.
  - 2.23.1 Shandong Longlive Bio-Technology Co.,Ltd. Details
- 2.23.2 Shandong Longlive Bio-Technology Co., Ltd. Major Business

2.23.3 Shandong Longlive Bio-Technology Co.,Ltd. Non-food Crop Biological Liquid Fuel Product and Services

2.23.4 Shandong Longlive Bio-Technology Co.,Ltd. Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.23.5 Shandong Longlive Bio-Technology Co.,Ltd. Recent Developments/Updates 2.24 Jilin Fuel Alcohol Company Limited

2.24.1 Jilin Fuel Alcohol Company Limited Details

2.24.2 Jilin Fuel Alcohol Company Limited Major Business

2.24.3 Jilin Fuel Alcohol Company Limited Non-food Crop Biological Liquid Fuel Product and Services



2.24.4 Jilin Fuel Alcohol Company Limited Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.24.5 Jilin Fuel Alcohol Company Limited Recent Developments/Updates 2.25 COFCO

2.25.1 COFCO Details

2.25.2 COFCO Major Business

2.25.3 COFCO Non-food Crop Biological Liquid Fuel Product and Services

2.25.4 COFCO Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.25.5 COFCO Recent Developments/Updates

2.26 Henan Tianguan Enterprise Group Co., Ltd.

2.26.1 Henan Tianguan Enterprise Group Co., Ltd. Details

2.26.2 Henan Tianguan Enterprise Group Co., Ltd. Major Business

2.26.3 Henan Tianguan Enterprise Group Co., Ltd. Non-food Crop Biological Liquid Fuel Product and Services

2.26.4 Henan Tianguan Enterprise Group Co., Ltd. Non-food Crop Biological Liquid Fuel Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.26.5 Henan Tianguan Enterprise Group Co., Ltd. Recent Developments/Updates

# 3 COMPETITIVE ENVIRONMENT: NON-FOOD CROP BIOLOGICAL LIQUID FUEL BY MANUFACTURER

3.1 Global Non-food Crop Biological Liquid Fuel Sales Quantity by Manufacturer (2018-2023)

3.2 Global Non-food Crop Biological Liquid Fuel Revenue by Manufacturer (2018-2023)

3.3 Global Non-food Crop Biological Liquid Fuel Average Price by Manufacturer (2018-2023)

3.4 Market Share Analysis (2022)

3.4.1 Producer Shipments of Non-food Crop Biological Liquid Fuel by Manufacturer Revenue (\$MM) and Market Share (%): 2022

3.4.2 Top 3 Non-food Crop Biological Liquid Fuel Manufacturer Market Share in 20223.4.2 Top 6 Non-food Crop Biological Liquid Fuel Manufacturer Market Share in 20223.5 Non-food Crop Biological Liquid Fuel Market: Overall Company Footprint Analysis

3.5.1 Non-food Crop Biological Liquid Fuel Market: Region Footprint

3.5.2 Non-food Crop Biological Liquid Fuel Market: Company Product Type Footprint

3.5.3 Non-food Crop Biological Liquid Fuel Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry



3.7 Mergers, Acquisition, Agreements, and Collaborations

#### 4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Non-food Crop Biological Liquid Fuel Market Size by Region

4.1.1 Global Non-food Crop Biological Liquid Fuel Sales Quantity by Region (2018-2029)

4.1.2 Global Non-food Crop Biological Liquid Fuel Consumption Value by Region (2018-2029)

4.1.3 Global Non-food Crop Biological Liquid Fuel Average Price by Region (2018-2029)

4.2 North America Non-food Crop Biological Liquid Fuel Consumption Value (2018-2029)

4.3 Europe Non-food Crop Biological Liquid Fuel Consumption Value (2018-2029)

4.4 Asia-Pacific Non-food Crop Biological Liquid Fuel Consumption Value (2018-2029)

4.5 South America Non-food Crop Biological Liquid Fuel Consumption Value (2018-2029)

4.6 Middle East and Africa Non-food Crop Biological Liquid Fuel Consumption Value (2018-2029)

# **5 MARKET SEGMENT BY TYPE**

5.1 Global Non-food Crop Biological Liquid Fuel Sales Quantity by Type (2018-2029)5.2 Global Non-food Crop Biological Liquid Fuel Consumption Value by Type (2018-2029)

5.3 Global Non-food Crop Biological Liquid Fuel Average Price by Type (2018-2029)

# **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2018-2029)

6.2 Global Non-food Crop Biological Liquid Fuel Consumption Value by Application (2018-2029)

6.3 Global Non-food Crop Biological Liquid Fuel Average Price by Application (2018-2029)

# 7 NORTH AMERICA

7.1 North America Non-food Crop Biological Liquid Fuel Sales Quantity by Type



(2018-2029)

7.2 North America Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2018-2029)

7.3 North America Non-food Crop Biological Liquid Fuel Market Size by Country

7.3.1 North America Non-food Crop Biological Liquid Fuel Sales Quantity by Country (2018-2029)

7.3.2 North America Non-food Crop Biological Liquid Fuel Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

# 8 EUROPE

8.1 Europe Non-food Crop Biological Liquid Fuel Sales Quantity by Type (2018-2029)8.2 Europe Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2018-2029)

8.3 Europe Non-food Crop Biological Liquid Fuel Market Size by Country

8.3.1 Europe Non-food Crop Biological Liquid Fuel Sales Quantity by Country (2018-2029)

8.3.2 Europe Non-food Crop Biological Liquid Fuel Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

# 9 ASIA-PACIFIC

9.1 Asia-Pacific Non-food Crop Biological Liquid Fuel Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Non-food Crop Biological Liquid Fuel Market Size by Region

9.3.1 Asia-Pacific Non-food Crop Biological Liquid Fuel Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Non-food Crop Biological Liquid Fuel Consumption Value by Region (2018-2029)



- 9.3.3 China Market Size and Forecast (2018-2029)
- 9.3.4 Japan Market Size and Forecast (2018-2029)
- 9.3.5 Korea Market Size and Forecast (2018-2029)
- 9.3.6 India Market Size and Forecast (2018-2029)
- 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
- 9.3.8 Australia Market Size and Forecast (2018-2029)

# **10 SOUTH AMERICA**

10.1 South America Non-food Crop Biological Liquid Fuel Sales Quantity by Type (2018-2029)

10.2 South America Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2018-2029)

10.3 South America Non-food Crop Biological Liquid Fuel Market Size by Country10.3.1 South America Non-food Crop Biological Liquid Fuel Sales Quantity by Country(2018-2029)

10.3.2 South America Non-food Crop Biological Liquid Fuel Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

# **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Non-food Crop Biological Liquid Fuel Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Non-food Crop Biological Liquid Fuel Market Size by Country

11.3.1 Middle East & Africa Non-food Crop Biological Liquid Fuel Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Non-food Crop Biological Liquid Fuel Consumption Value by Country (2018-2029)

- 11.3.3 Turkey Market Size and Forecast (2018-2029)
- 11.3.4 Egypt Market Size and Forecast (2018-2029)
- 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

# **12 MARKET DYNAMICS**



- 12.1 Non-food Crop Biological Liquid Fuel Market Drivers
- 12.2 Non-food Crop Biological Liquid Fuel Market Restraints
- 12.3 Non-food Crop Biological Liquid Fuel Trends Analysis
- 12.4 Porters Five Forces Analysis
- 12.4.1 Threat of New Entrants
- 12.4.2 Bargaining Power of Suppliers
- 12.4.3 Bargaining Power of Buyers
- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
- 12.5.1 Influence of COVID-19
- 12.5.2 Influence of Russia-Ukraine War

# 13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Non-food Crop Biological Liquid Fuel and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Non-food Crop Biological Liquid Fuel
- 13.3 Non-food Crop Biological Liquid Fuel Production Process
- 13.4 Non-food Crop Biological Liquid Fuel Industrial Chain

# 14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Non-food Crop Biological Liquid Fuel Typical Distributors
- 14.3 Non-food Crop Biological Liquid Fuel Typical Customers

# 15 RESEARCH FINDINGS AND CONCLUSION

#### **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



# **List Of Tables**

#### LIST OF TABLES

Table 1. Global Non-food Crop Biological Liquid Fuel Consumption Value by Type, (USD Million), 2018 & 2022 & 2029 Table 2. Global Non-food Crop Biological Liquid Fuel Consumption Value by Application, (USD Million), 2018 & 2022 & 2029 Table 3. Verbio Basic Information, Manufacturing Base and Competitors Table 4. Verbio Major Business Table 5. Verbio Non-food Crop Biological Liquid Fuel Product and Services Table 6. Verbio Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 7. Verbio Recent Developments/Updates Table 8. Abengoa Basic Information, Manufacturing Base and Competitors Table 9. Abengoa Major Business Table 10. Abengoa Non-food Crop Biological Liquid Fuel Product and Services Table 11. Abengoa Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023) Table 12. Abengoa Recent Developments/Updates Table 13. Ra?zen Basic Information, Manufacturing Base and Competitors Table 14. Ra?zen Major Business Table 15. Ra?zen Non-food Crop Biological Liquid Fuel Product and Services Table 16. Ra?zen Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018 - 2023)Table 17. Ra?zen Recent Developments/Updates Table 18. GranBio Basic Information, Manufacturing Base and Competitors Table 19. GranBio Major Business Table 20. GranBio Non-food Crop Biological Liquid Fuel Product and Services Table 21. GranBio Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)Table 22. GranBio Recent Developments/Updates Table 23. Beta Renewables Basic Information, Manufacturing Base and Competitors Table 24. Beta Renewables Major Business

Table 25. Beta Renewables Non-food Crop Biological Liquid Fuel Product and Services Table 26. Beta Renewables Non-food Crop Biological Liquid Fuel Sales Quantity (K



Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Beta Renewables Recent Developments/Updates

Table 28. Versalis Basic Information, Manufacturing Base and Competitors

Table 29. Versalis Major Business

 Table 30. Versalis Non-food Crop Biological Liquid Fuel Product and Services

Table 31. Versalis Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons),

Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Versalis Recent Developments/Updates

Table 33. Ineos Bio Basic Information, Manufacturing Base and Competitors

Table 34. Ineos Bio Major Business

 Table 35. Ineos Bio Non-food Crop Biological Liquid Fuel Product and Services

Table 36. Ineos Bio Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Ineos Bio Recent Developments/Updates

Table 38. Fiberight Basic Information, Manufacturing Base and Competitors

Table 39. Fiberight Major Business

Table 40. Fiberight Non-food Crop Biological Liquid Fuel Product and Services

Table 41. Fiberight Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons),

Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Fiberight Recent Developments/Updates

Table 43. Ubon Bio Ethanol Basic Information, Manufacturing Base and Competitors

Table 44. Ubon Bio Ethanol Major Business

Table 45. Ubon Bio Ethanol Non-food Crop Biological Liquid Fuel Product and Services

Table 46. Ubon Bio Ethanol Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Ubon Bio Ethanol Recent Developments/Updates

Table 48. NextChem Basic Information, Manufacturing Base and Competitors

Table 49. NextChem Major Business

Table 50. NextChem Non-food Crop Biological Liquid Fuel Product and Services

Table 51. NextChem Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. NextChem Recent Developments/Updates

Table 53. Synata Bio Basic Information, Manufacturing Base and Competitors



Table 54. Synata Bio Major Business

Table 55. Synata Bio Non-food Crop Biological Liquid Fuel Product and Services

Table 56. Synata Bio Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons),

Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Synata Bio Recent Developments/Updates

 Table 58. Shree Renuka Basic Information, Manufacturing Base and Competitors

Table 59. Shree Renuka Major Business

 Table 60. Shree Renuka Non-food Crop Biological Liquid Fuel Product and Services

Table 61. Shree Renuka Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share

(2018-2023)

Table 62. Shree Renuka Recent Developments/Updates

Table 63. Clariant Basic Information, Manufacturing Base and Competitors

- Table 64. Clariant Major Business
- Table 65. Clariant Non-food Crop Biological Liquid Fuel Product and Services

Table 66. Clariant Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons),

Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Clariant Recent Developments/Updates

Table 68. BlueFire Renewables Inc. Basic Information, Manufacturing Base and Competitors

Table 69. BlueFire Renewables Inc. Major Business

Table 70. BlueFire Renewables Inc. Non-food Crop Biological Liquid Fuel Product and Services

Table 71. BlueFire Renewables Inc. Non-food Crop Biological Liquid Fuel Sales

Quantity (K Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. BlueFire Renewables Inc. Recent Developments/Updates

Table 73. Coskata Inc Basic Information, Manufacturing Base and Competitors

Table 74. Coskata Inc Major Business

Table 75. Coskata Inc Non-food Crop Biological Liquid Fuel Product and Services

Table 76. Coskata Inc Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons),

Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Coskata Inc Recent Developments/Updates

Table 78. Christof Industries Basic Information, Manufacturing Base and Competitors

Table 79. Christof Industries Major Business

Table 80. Christof Industries Non-food Crop Biological Liquid Fuel Product and Services



Table 81. Christof Industries Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 82. Christof Industries Recent Developments/Updates

Table 83. ASB-Biodiesel Basic Information, Manufacturing Base and Competitors

Table 84. ASB-Biodiesel Major Business

 Table 85. ASB-Biodiesel Non-food Crop Biological Liquid Fuel Product and Services

Table 86. ASB-Biodiesel Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 87. ASB-Biodiesel Recent Developments/Updates

Table 88. Cargill Basic Information, Manufacturing Base and Competitors

Table 89. Cargill Major Business

Table 90. Cargill Non-food Crop Biological Liquid Fuel Product and Services

Table 91. Cargill Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons),

Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 92. Cargill Recent Developments/Updates

Table 93. Neste Basic Information, Manufacturing Base and Competitors

Table 94. Neste Major Business

Table 95. Neste Non-food Crop Biological Liquid Fuel Product and Services

Table 96. Neste Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons), Average

Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 97. Neste Recent Developments/Updates

Table 98. Cepsa Basic Information, Manufacturing Base and Competitors

Table 99. Cepsa Major Business

Table 100. Cepsa Non-food Crop Biological Liquid Fuel Product and Services

Table 101. Cepsa Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons),

Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 102. Cepsa Recent Developments/Updates

Table 103. Valero Basic Information, Manufacturing Base and Competitors

Table 104. Valero Major Business

 Table 105. Valero Non-food Crop Biological Liquid Fuel Product and Services

Table 106. Valero Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons),

Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Valero Recent Developments/Updates

 Table 108. Phillips 66 Basic Information, Manufacturing Base and Competitors



Table 109. Phillips 66 Major Business

Table 110. Phillips 66 Non-food Crop Biological Liquid Fuel Product and Services

Table 111. Phillips 66 Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons),

Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

 Table 112. Phillips 66 Recent Developments/Updates

Table 113. Shandong Longlive Bio-Technology Co., Ltd. Basic Information,

Manufacturing Base and Competitors

Table 114. Shandong Longlive Bio-Technology Co., Ltd. Major Business

Table 115. Shandong Longlive Bio-Technology Co.,Ltd. Non-food Crop Biological Liquid Fuel Product and Services

Table 116. Shandong Longlive Bio-Technology Co.,Ltd. Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 117. Shandong Longlive Bio-Technology Co.,Ltd. Recent Developments/Updates Table 118. Jilin Fuel Alcohol Company Limited Basic Information, Manufacturing Base and Competitors

Table 119. Jilin Fuel Alcohol Company Limited Major Business

Table 120. Jilin Fuel Alcohol Company Limited Non-food Crop Biological Liquid Fuel Product and Services

Table 121. Jilin Fuel Alcohol Company Limited Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 122. Jilin Fuel Alcohol Company Limited Recent Developments/Updates

Table 123. COFCO Basic Information, Manufacturing Base and Competitors

Table 124. COFCO Major Business

Table 125. COFCO Non-food Crop Biological Liquid Fuel Product and Services

Table 126. COFCO Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons),

Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 127. COFCO Recent Developments/Updates

Table 128. Henan Tianguan Enterprise Group Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 129. Henan Tianguan Enterprise Group Co., Ltd. Major Business

Table 130. Henan Tianguan Enterprise Group Co., Ltd. Non-food Crop Biological Liquid Fuel Product and Services

Table 131. Henan Tianguan Enterprise Group Co., Ltd. Non-food Crop Biological Liquid Fuel Sales Quantity (K Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)



Table 132. Henan Tianguan Enterprise Group Co., Ltd. Recent Developments/Updates Table 133. Global Non-food Crop Biological Liquid Fuel Sales Quantity by Manufacturer (2018-2023) & (K Tons)

Table 134. Global Non-food Crop Biological Liquid Fuel Revenue by Manufacturer (2018-2023) & (USD Million)

Table 135. Global Non-food Crop Biological Liquid Fuel Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 136. Market Position of Manufacturers in Non-food Crop Biological Liquid Fuel, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 137. Head Office and Non-food Crop Biological Liquid Fuel Production Site of Key Manufacturer

Table 138. Non-food Crop Biological Liquid Fuel Market: Company Product TypeFootprint

Table 139. Non-food Crop Biological Liquid Fuel Market: Company Product ApplicationFootprint

Table 140. Non-food Crop Biological Liquid Fuel New Market Entrants and Barriers to Market Entry

Table 141. Non-food Crop Biological Liquid Fuel Mergers, Acquisition, Agreements, and Collaborations

Table 142. Global Non-food Crop Biological Liquid Fuel Sales Quantity by Region (2018-2023) & (K Tons)

Table 143. Global Non-food Crop Biological Liquid Fuel Sales Quantity by Region (2024-2029) & (K Tons)

Table 144. Global Non-food Crop Biological Liquid Fuel Consumption Value by Region (2018-2023) & (USD Million)

Table 145. Global Non-food Crop Biological Liquid Fuel Consumption Value by Region (2024-2029) & (USD Million)

Table 146. Global Non-food Crop Biological Liquid Fuel Average Price by Region (2018-2023) & (US\$/Ton)

Table 147. Global Non-food Crop Biological Liquid Fuel Average Price by Region (2024-2029) & (US\$/Ton)

Table 148. Global Non-food Crop Biological Liquid Fuel Sales Quantity by Type(2018-2023) & (K Tons)

Table 149. Global Non-food Crop Biological Liquid Fuel Sales Quantity by Type(2024-2029) & (K Tons)

Table 150. Global Non-food Crop Biological Liquid Fuel Consumption Value by Type(2018-2023) & (USD Million)

Table 151. Global Non-food Crop Biological Liquid Fuel Consumption Value by Type (2024-2029) & (USD Million)



Table 152. Global Non-food Crop Biological Liquid Fuel Average Price by Type (2018-2023) & (US\$/Ton)

Table 153. Global Non-food Crop Biological Liquid Fuel Average Price by Type (2024-2029) & (US\$/Ton)

Table 154. Global Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2018-2023) & (K Tons)

Table 155. Global Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2024-2029) & (K Tons)

Table 156. Global Non-food Crop Biological Liquid Fuel Consumption Value by Application (2018-2023) & (USD Million)

Table 157. Global Non-food Crop Biological Liquid Fuel Consumption Value by Application (2024-2029) & (USD Million)

Table 158. Global Non-food Crop Biological Liquid Fuel Average Price by Application (2018-2023) & (US\$/Ton)

Table 159. Global Non-food Crop Biological Liquid Fuel Average Price by Application (2024-2029) & (US\$/Ton)

Table 160. North America Non-food Crop Biological Liquid Fuel Sales Quantity by Type (2018-2023) & (K Tons)

Table 161. North America Non-food Crop Biological Liquid Fuel Sales Quantity by Type (2024-2029) & (K Tons)

Table 162. North America Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2018-2023) & (K Tons)

Table 163. North America Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2024-2029) & (K Tons)

Table 164. North America Non-food Crop Biological Liquid Fuel Sales Quantity by Country (2018-2023) & (K Tons)

Table 165. North America Non-food Crop Biological Liquid Fuel Sales Quantity by Country (2024-2029) & (K Tons)

Table 166. North America Non-food Crop Biological Liquid Fuel Consumption Value by Country (2018-2023) & (USD Million)

Table 167. North America Non-food Crop Biological Liquid Fuel Consumption Value by Country (2024-2029) & (USD Million)

Table 168. Europe Non-food Crop Biological Liquid Fuel Sales Quantity by Type (2018-2023) & (K Tons)

Table 169. Europe Non-food Crop Biological Liquid Fuel Sales Quantity by Type(2024-2029) & (K Tons)

Table 170. Europe Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2018-2023) & (K Tons)

Table 171. Europe Non-food Crop Biological Liquid Fuel Sales Quantity by Application



(2024-2029) & (K Tons)

Table 172. Europe Non-food Crop Biological Liquid Fuel Sales Quantity by Country (2018-2023) & (K Tons)

Table 173. Europe Non-food Crop Biological Liquid Fuel Sales Quantity by Country (2024-2029) & (K Tons)

Table 174. Europe Non-food Crop Biological Liquid Fuel Consumption Value by Country (2018-2023) & (USD Million)

Table 175. Europe Non-food Crop Biological Liquid Fuel Consumption Value by Country (2024-2029) & (USD Million)

Table 176. Asia-Pacific Non-food Crop Biological Liquid Fuel Sales Quantity by Type (2018-2023) & (K Tons)

Table 177. Asia-Pacific Non-food Crop Biological Liquid Fuel Sales Quantity by Type (2024-2029) & (K Tons)

Table 178. Asia-Pacific Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2018-2023) & (K Tons)

Table 179. Asia-Pacific Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2024-2029) & (K Tons)

Table 180. Asia-Pacific Non-food Crop Biological Liquid Fuel Sales Quantity by Region (2018-2023) & (K Tons)

Table 181. Asia-Pacific Non-food Crop Biological Liquid Fuel Sales Quantity by Region (2024-2029) & (K Tons)

Table 182. Asia-Pacific Non-food Crop Biological Liquid Fuel Consumption Value by Region (2018-2023) & (USD Million)

Table 183. Asia-Pacific Non-food Crop Biological Liquid Fuel Consumption Value by Region (2024-2029) & (USD Million)

Table 184. South America Non-food Crop Biological Liquid Fuel Sales Quantity by Type (2018-2023) & (K Tons)

Table 185. South America Non-food Crop Biological Liquid Fuel Sales Quantity by Type (2024-2029) & (K Tons)

Table 186. South America Non-food Crop Biological Liquid Fuel Sales Quantity byApplication (2018-2023) & (K Tons)

Table 187. South America Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2024-2029) & (K Tons)

Table 188. South America Non-food Crop Biological Liquid Fuel Sales Quantity by Country (2018-2023) & (K Tons)

Table 189. South America Non-food Crop Biological Liquid Fuel Sales Quantity by Country (2024-2029) & (K Tons)

Table 190. South America Non-food Crop Biological Liquid Fuel Consumption Value by Country (2018-2023) & (USD Million)



Table 191. South America Non-food Crop Biological Liquid Fuel Consumption Value by Country (2024-2029) & (USD Million)

Table 192. Middle East & Africa Non-food Crop Biological Liquid Fuel Sales Quantity by Type (2018-2023) & (K Tons)

Table 193. Middle East & Africa Non-food Crop Biological Liquid Fuel Sales Quantity by Type (2024-2029) & (K Tons)

Table 194. Middle East & Africa Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2018-2023) & (K Tons)

Table 195. Middle East & Africa Non-food Crop Biological Liquid Fuel Sales Quantity by Application (2024-2029) & (K Tons)

Table 196. Middle East & Africa Non-food Crop Biological Liquid Fuel Sales Quantity by Region (2018-2023) & (K Tons)

Table 197. Middle East & Africa Non-food Crop Biological Liquid Fuel Sales Quantity by Region (2024-2029) & (K Tons)

Table 198. Middle East & Africa Non-food Crop Biological Liquid Fuel Consumption Value by Region (2018-2023) & (USD Million)

Table 199. Middle East & Africa Non-food Crop Biological Liquid Fuel Consumption Value by Region (2024-2029) & (USD Million)

 Table 200. Non-food Crop Biological Liquid Fuel Raw Material

Table 201. Key Manufacturers of Non-food Crop Biological Liquid Fuel Raw Materials

Table 202. Non-food Crop Biological Liquid Fuel Typical Distributors

Table 203. Non-food Crop Biological Liquid Fuel Typical Customers



# **List Of Figures**

# LIST OF FIGURES

Figure 1. Non-food Crop Biological Liquid Fuel Picture

Figure 2. Global Non-food Crop Biological Liquid Fuel Consumption Value by Type,

(USD Million), 2018 & 2022 & 2029

Figure 3. Global Non-food Crop Biological Liquid Fuel Consumption Value Market Share by Type in 2022

Figure 4. Non-food Crop Bioethanol Examples

Figure 5. Non-food Crop Biodiesel Examples

Figure 6. Global Non-food Crop Biological Liquid Fuel Consumption Value by

Application, (USD Million), 2018 & 2022 & 2029

Figure 7. Global Non-food Crop Biological Liquid Fuel Consumption Value Market Share by Application in 2022

Figure 8. Industrial Examples

Figure 9. Transportation Examples

Figure 10. Chemical Industry Examples

Figure 11. Other Examples

Figure 12. Global Non-food Crop Biological Liquid Fuel Consumption Value, (USD

Million): 2018 & 2022 & 2029

Figure 13. Global Non-food Crop Biological Liquid Fuel Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 14. Global Non-food Crop Biological Liquid Fuel Sales Quantity (2018-2029) & (K Tons)

Figure 15. Global Non-food Crop Biological Liquid Fuel Average Price (2018-2029) & (US\$/Ton)

Figure 16. Global Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Manufacturer in 2022

Figure 17. Global Non-food Crop Biological Liquid Fuel Consumption Value Market Share by Manufacturer in 2022

Figure 18. Producer Shipments of Non-food Crop Biological Liquid Fuel by

Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 19. Top 3 Non-food Crop Biological Liquid Fuel Manufacturer (Consumption Value) Market Share in 2022

Figure 20. Top 6 Non-food Crop Biological Liquid Fuel Manufacturer (Consumption Value) Market Share in 2022

Figure 21. Global Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Region (2018-2029)



Figure 22. Global Non-food Crop Biological Liquid Fuel Consumption Value Market Share by Region (2018-2029)

Figure 23. North America Non-food Crop Biological Liquid Fuel Consumption Value (2018-2029) & (USD Million)

Figure 24. Europe Non-food Crop Biological Liquid Fuel Consumption Value (2018-2029) & (USD Million)

Figure 25. Asia-Pacific Non-food Crop Biological Liquid Fuel Consumption Value (2018-2029) & (USD Million)

Figure 26. South America Non-food Crop Biological Liquid Fuel Consumption Value (2018-2029) & (USD Million)

Figure 27. Middle East & Africa Non-food Crop Biological Liquid Fuel Consumption Value (2018-2029) & (USD Million)

Figure 28. Global Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Type (2018-2029)

Figure 29. Global Non-food Crop Biological Liquid Fuel Consumption Value Market Share by Type (2018-2029)

Figure 30. Global Non-food Crop Biological Liquid Fuel Average Price by Type (2018-2029) & (US\$/Ton)

Figure 31. Global Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Application (2018-2029)

Figure 32. Global Non-food Crop Biological Liquid Fuel Consumption Value Market Share by Application (2018-2029)

Figure 33. Global Non-food Crop Biological Liquid Fuel Average Price by Application (2018-2029) & (US\$/Ton)

Figure 34. North America Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Type (2018-2029)

Figure 35. North America Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Application (2018-2029)

Figure 36. North America Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Country (2018-2029)

Figure 37. North America Non-food Crop Biological Liquid Fuel Consumption Value Market Share by Country (2018-2029)

Figure 38. United States Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Canada Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Mexico Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Europe Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by



Type (2018-2029)

Figure 42. Europe Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Application (2018-2029)

Figure 43. Europe Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Country (2018-2029)

Figure 44. Europe Non-food Crop Biological Liquid Fuel Consumption Value Market Share by Country (2018-2029)

Figure 45. Germany Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. France Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. United Kingdom Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Russia Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Italy Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Asia-Pacific Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Type (2018-2029)

Figure 51. Asia-Pacific Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Application (2018-2029)

Figure 52. Asia-Pacific Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Region (2018-2029)

Figure 53. Asia-Pacific Non-food Crop Biological Liquid Fuel Consumption Value Market Share by Region (2018-2029)

Figure 54. China Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Japan Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Korea Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. India Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Southeast Asia Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Australia Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. South America Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Type (2018-2029)



Figure 61. South America Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Application (2018-2029)

Figure 62. South America Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Country (2018-2029)

Figure 63. South America Non-food Crop Biological Liquid Fuel Consumption Value Market Share by Country (2018-2029)

Figure 64. Brazil Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Argentina Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Middle East & Africa Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Type (2018-2029)

Figure 67. Middle East & Africa Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Application (2018-2029)

Figure 68. Middle East & Africa Non-food Crop Biological Liquid Fuel Sales Quantity Market Share by Region (2018-2029)

Figure 69. Middle East & Africa Non-food Crop Biological Liquid Fuel Consumption Value Market Share by Region (2018-2029)

Figure 70. Turkey Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Egypt Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Saudi Arabia Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. South Africa Non-food Crop Biological Liquid Fuel Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Non-food Crop Biological Liquid Fuel Market Drivers

Figure 75. Non-food Crop Biological Liquid Fuel Market Restraints

Figure 76. Non-food Crop Biological Liquid Fuel Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Non-food Crop Biological Liquid Fuel in 2022

Figure 79. Manufacturing Process Analysis of Non-food Crop Biological Liquid Fuel

- Figure 80. Non-food Crop Biological Liquid Fuel Industrial Chain
- Figure 81. Sales Quantity Channel: Direct to End-User vs Distributors
- Figure 82. Direct Channel Pros & Cons
- Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

Global Non-food Crop Biological Liquid Fuel Market 2023 by Manufacturers, Regions, Type and Application, Forec...



#### I would like to order

Product name: Global Non-food Crop Biological Liquid Fuel Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029 Product link: https://marketpublishers.com/r/GE295DB9AED4EN.html

Price: US\$ 3,480.00 (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/GE295DB9AED4EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

\*\*All fields are required

Custumer signature \_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



Global Non-food Crop Biological Liquid Fuel Market 2023 by Manufacturers, Regions, Type and Application, Forec...