

Direct-fed Microbials (DFM): Global Markets to 2022

<https://marketpublishers.com/r/D8DBFFB2D06EN.html>

Date: October 2017

Pages: 125

Price: US\$ 1,250.00 (Single User License)

ID: D8DBFFB2D06EN

Abstracts

DESCRIPTION

Find an in-depth analysis of the global direct-fed microbials market by product type, livestock, form, and geographic markets.

EXECUTIVE SUMMARY

The global market for direct-fed microbials reached \$784 million in 2016. This market is estimated to reach nearly \$1.3 billion in 2022 from \$851 million in 2017 at a compound annual growth rate (CAGR) of 8.1% for 2017-2022.

The market for lactic acid bacteria is expected to grow from \$527 million in 2017 to \$794 million in 2022 at a CAGR of 8.5% from 2017 through 2022.

The market for bacillus is expected to grow from \$218 million in 2017 to \$312 million in 2022 at a CAGR of 7.4% from 2017 through 2022.

Contents

CHAPTER 1 INTRODUCTION

Study Goals and Objectives
Reasons for Doing This Study
Scope of Report
Methodology
Intended Audience
Geographic Breakdown
Analyst's Credentials
Related BCC Research Reports

CHAPTER 2 SUMMARY AND HIGHLIGHTS

CHAPTER 3 MARKET AND TECHNOLOGY BACKGROUND

Market Definition and Scope
History and Current State of Direct-fed Microbials and Related Products
Selection of Direct-fed Microbials

CHAPTER 4 MARKET BREAKDOWN BY TECHNOLOGY TYPE

CHAPTER 5 MARKET BREAKDOWN BY LIVESTOCK

CHAPTER 6 MARKET BREAKDOWN BY FORM

CHAPTER 7 MARKET BREAKDOWN BY REGION

CHAPTER 8 PATENT REVIEW

CHAPTER 9 COMPETITIVE LANDSCAPE

CHAPTER 10 COMPANY PROFILES

Lactic Acid Bacteria
Bacillus
Other Microbial Strains

Lactobacilli
Bifidobacteria
Streptococcus Thermophilus
Bacillus subtilis
Bacillus licheniformis
Propionibacterium
Prevotella Bryantii
Other Live Microbes
Swine
Poultry
Ruminants
Aquatic Animals
Other Livestock Animals
Pets
Equine
Dry Form
Liquid Form
North America
Europe
Asia-Pacific
ROW
United States
Canada
Mexico
Germany
France
U.K.
Rest of Europe
Japan
China
Australia
India
Rest of Asia-Pacific
Brazil
Saudi Arabia
Other Countries
Patent Analysis
Patent Review by Region
Patent Review by Country

China Patent Review, by Year
U.S. Patent Review, by Year
Europe Patent Review, by Year
Patent Review by Assignee
Product Launch
Mergers and Acquisitions
Investment and Expansion
Partnership and Collaboration
ADISSEO
AMERICAN BIOSYSTEMS, INC.
ARCHER DANIELS MIDLAND CO.
BENTOLI INC.
BIOMIN HOLDING GMBH
BIO-VET
BIOWISH TECHNOLOGIES
CALPIS CO. LTD.
CARGILL INC.
CHR. HANSEN HOLDING
CONKLIN CO. INC.
DIRECT BIOLOGICALS INC.
E. I. DU PONT DE NEMOURS AND CO.
EVONIK INDUSTRIES AG
JBS UNITED
KEMIN INDUSTRIES INC.
KONINKLIJKE DSM N.V.
LALLEMAND INC.
NOVOZYMES
NOVUS INTERNATIONAL INC.
NUTRAFERMA
PROTEXIN
PROVICO PTY. LTD.
STRONG MICROBIALS
SYNBIO TECH INC.
Overview
Product Portfolio
Overview
Product Portfolio
Overview
Product Portfolio

Overview
Product Portfolio
Overview
Product Portfolio
Overview
Product Portfolio
Overview
Product Portfolio
Overview
Product Portfolio
Overview
Product Portfolio
Overview
Product Portfolio
Overview
Product Portfolio
Overview
Products
Overview
Product Portfolio
Overview
Product Portfolio
Overview
Products
Overview
Product Portfolio
Overview
Product Portfolio
Koninklijke DSM N.V. Financials
Overview
Product Portfolio
Overview
Product Portfolio
Overview
Product Portfolio
Overview
Product Portfolio
Synthesis and Manufacturing of Direct-fed Microbials
Overview

Direct-fed Microbial Economics
Available forms of Direct-fed Microbials
Products
Overview
Classification of Direct-fed Microbials
Product Portfolio
Mode of Action of Direct-fed Microbials
Overview
Ideal Probiotic
Products

CHAPTER 11 APPENDIX: LISTS OF PATENTS RELATING TO DIRECT-FED MICROBIALS

Advantages and Disadvantages of Direct-fed Microbials
List of Patents in North America
List of Patents in Europe
List of Patents in Asia-Pacific
List of Patents in RoW
Government Regulations
Market Dynamics
Ability to Survive in Harsh Environment
Adherence to Intestinal Wall
Nonpathogenic
Host-specific
Genetically Stable
Fermentation
Growth Media
Growth Condition
Method of Fermentation
Drying Process
Freeze Drying
Spray Drying
Dry Form
Liquid Form
Promote the Growth of Favorable Microflora
Enhance Digestion Efficiency and Absorption of Nutrients
Production of Antimicrobial Substances
Alter the Gene Expression of Pathogenic Microorganisms

Colonization Resistance

Immunomodulation

Regulatory Status Determined by the E.U.

U.S. Food and Drug Administration Regulation

Drivers

Rise in Global Meat and Milk Consumption

Increased Profitability at Same Cost

Restraints

Change in Government Regulations

Increasing Cost of Production

Opportunities

Ban on the Usage of Antibiotic Growth Promoters

Rise in Animal Health Concerns

Overview

Products

List Of Tables

LIST OF TABLES

Summary Table: Global Market for Direct-fed Microbials, by Product Type, Through 2022

Table 1: Classification of Direct-fed Microbials

Table 2: List of FDA-approved Direct-fed Microbials

Table 3: Regulatory Status of Direct-fed Microbials in Some Countries

Table 4: Microbial Species that Are Commonly Used as Direct-fed Microbials

Table 5: Global Market for Direct-fed Microbials Market, by Product Type, Through 2022

Table 6: Global Direct-fed Microbials Market for Lactic Acid Bacteria, by Region, Through 2022

Table 7: Benefits of Different Lactobacilli Species on Animals

Table 8: Global Direct-fed Microbials Market for Bacillus, by Region, Through 2022

Table 9: Global Market for Other Bacteria, by Region, Through 2022

Table 10: Global Direct-fed Microbials Market, by Livestock, Through 2022

Table 11: Global Direct-fed Microbials Market for Swine, by Region, Through 2022

Table 12: Global Direct-fed Microbials Market for Poultry, by Region, Through 2022

Table 13: Effects of Microbial Strains on Ruminant Animals

Table 14: Global Direct-fed Microbials Market for Ruminants, by Region, Through 2022

Table 15: Global Direct-fed Microbials Market for Aquatic Animals, by Region, Through 2022

Table 16: Global Direct-fed Microbials Market for Other Livestock Animals, by Region, Through 2022

Table 17: Global Direct-fed Microbials Market, by Form, Through 2022

Table 18: Global Direct-fed Microbials Market for Dry Form, by Region, Through 2022

Table 19: Global Direct-fed Microbials Market for Liquid Form, by Region, Through 2022

Table 20: Global Market for Direct-fed Microbials, by Region, Through 2022

Table 21: North America's Direct-fed Microbials Market, by Country, Through 2022

Table 22: North America's Market for Direct-fed Microbials, by Product Type, Through 2022

Table 23: North America's Market for Direct-fed Microbials, by Livestock, Through 2022

Table 24: North America's Market for Direct-fed Microbials, by Form, Through 2022

Table 25: Europe's Market for Direct-fed Microbials, by Country, Through 2022

Table 26: Europe's Market for Direct-fed Microbials, by Product Type, Through 2022

Table 27: Europe's Market for Direct-fed Microbials, by Livestock, Through 2022

Table 28: Europe's Market for Direct-fed Microbials, by Form, Through 2022

Table 29: Asia-Pacific's Market for Direct-fed Microbials, by Country, Through 2022

Table 30: Asia-Pacific's Market for Direct-fed Microbials, by Product Type, Through 2022

Table 31: Asia-Pacific's Market for Direct-fed Microbials, by Livestock, Through 2022

Table 32: Asia-Pacific's Market for Direct-fed Microbials, by Form, Through 2022

Table 33: RoW's Market for Direct-fed Microbials, by Country, Through 2022

Table 34: RoW's Market for Direct-fed Microbials, by Product Type, Through 2022

Table 35: RoW's Market for Direct-fed Microbials, by Livestock, Through 2022

Table 36: RoW's Market for Direct-fed Microbials, by Form, Through 2022

Table 37: Patents for Global Direct-fed-Microbials, by Region, 2011-2016

Table 38: Patents for Global Direct-fed-Microbials, by Country, 2011-2016

Table 39: Patents for Direct-fed-Microbials in China, by Year, 2011-2016

Table 40: Patents for Direct-fed-Microbials in U.S., by Year

Table 41: Patents for Direct-fed-Microbials in Europe, by Year

Table 42: Patents for Global Direct-fed-Microbials, by Assignee, 2011-2016

Table 43: Key Strategies in Direct-fed Microbials Market, 2014-2017

Table 44: Product Launch Strategy, by Companies, 2014-2017

Table 45: List of Key Product Launches Announced Between 2014 and 2017

Table 46: Merger and Acquisition Strategy, by Company, 2014- 2017

Table 47: Key Mergers and Acquisitions Announced, 2014-2017

Table 48: Investment and Expansion Strategy, by Company, 2014-2017

Table 49: Key Investments and Expansions Announced, 2015-2017

Table 50: Key Partnerships and Collaborations Announced, 2015-2017

Table 51: Adisseo Products

Table 52: Adisseo Direct-fed Microbial Products

Table 53: Adisseo Financials, 2014-2016

Table 54: Adisseo Partnerships and Collaborations, 2014-2017

Table 55: American Biosystems Inc. Products

Table 56: Archer Daniels Midland Co. Financials, 2014-2016

Table 57: Bentoli Inc.'s Products

Table 58: Biomin Holding GmbH Developments, 2014-2017

Table 59: Bio-Vet Product Portfolio

Table 60: BiOWiSH Technologies Products

Table 61: Cargill Inc., Financials, 2014-2016

Table 62: Cargill Inc., Developments, 2014-2017

Table 63: Chr. Hansen A/S Financials, 2014-2016

Table 64: Chr. Hansen A/S Developments, 2014-2017

Table 65: E. I. du Pont de Nemours and Co. Developments, 2014-2016

Table 66: E. I. Du Pont De Nemours and Co. Financials, 2014-2016

Table 67: E. I. Du Pont De Nemours and Co. Developments, 2014-2017

| |
|------------------------------------------------------------------|
| Table 68: Evonik Industries AG Products |
| Table 69: Evonik Industries AG Developments, 2014-2017 |
| Table 70: JBS United's Products |
| Table 71: Kemin Industries Inc. Products |
| Table 72: Kemin Industries Inc., Developments, 2014-2017 |
| Table 73: Koninklijke DSM N. V. Financials, 2014-2016 |
| Table 74: Lallemand Inc. Products |
| Table 75: Lallemand Inc. Developments, 2014-2017 |
| Table 76: Novozymes Products |
| Table 77: Novozymes Financials, 2014-2016 |
| Table 78: Novozymes Developments, 2014-2017 |
| Table 79: Novus International Inc. Products |
| Table 80: Novus International Inc. Direct-fed Microbial Products |
| Table 81: Nutraferma's Product Portfolio |
| Table 82: Nutraferma Developments, 2014-2017 |
| Table 83: Protexin's Products |
| Table 84: Provico Pty. Ltd. Products |
| Table 85: Strong Microbials' Products |
| Table 86: List of Patents in North America |
| Table 87: List of Patents in Europe |
| Table 88: List of Patents in Asia-Pacific |
| Table 89: List of Patents in RoW |

List Of Figures

LIST OF FIGURES

Summary Figure: Global Market for Direct-fed Microbials, by Product Type, 2016-2022

Figure 1: Mode of Action of Direct-fed Microbials in Animals

Figure 2: Rise in Human Population, 2007–2017

Figure 3: Global Meat Consumption, by Type

Figure 4: Global Milk Consumption, 2010-2015

Figure 5: Global Segmentation for Direct-fed Microbials Market

Figure 6: Subsegments for Lactic Acid Bacteria

Figure 7: Global Direct-fed Microbials Market, by Livestock

Figure 8: Global Direct-fed Microbials Market, by Form

Figure 9: Rise in Human Population in North America, 2010-2050

Figure 10: Milk Consumption in Key Countries in North America Region, 2008-2013

Figure 11: U.S.'s Direct-fed Microbials Market, 2016-2022

Figure 12: Canada's Direct-fed Microbials Market, 2016-2022

Figure 13: Mexico's Direct-fed Microbials Market, 2016-2022

Figure 14: Change in Human Population in Europe, 2010-2050

Figure 15: Milk Consumption in Key Countries in Europe, 2008-2013

Figure 16: Germany's Direct-fed Microbials Market, 2016-2022

Figure 17: France's Direct-fed Microbials Market, 2016-2022

Figure 18: U.K.'s Direct-fed Microbials Market, 2016-2022

Figure 19: Rest of Europe's Direct-fed Microbials Market, 2016-2022

Figure 20: Rise in Human Population in Asia-Pacific Region, 2010-2050

Figure 21: Milk Consumption in Key Countries in Asia-Pacific, 2008-2013

Figure 22: Japan's Direct-fed Microbials Market, 2016-2022

Figure 23: China's Direct-fed Microbials Market, 2016-2022

Figure 24: Australia's Direct-fed Microbials Market, 2016-2022

Figure 25: India's Direct-fed Microbials Market, 2016-2022

Figure 26: Rest of Asia-Pacific's Direct-fed Microbials Market, 2016-2022

Figure 27: Rise in Human Population in Africa, 2010-2050

Figure 28: Milk Consumption in Some Countries in RoW, 2008-2013

Figure 29: Brazil's Direct-fed Microbials Market, 2016-2022

Figure 30: Saudi Arabia's Direct-fed Microbials Market, 2016-2022

Figure 31: Other Countries' Direct-fed Microbials Market, 2016-2022

Figure 32: Patent Share for Direct-fed-Microbials, by Region, 2011-2016

Figure 33: Patent Share for Direct-fed-Microbials, by Country, 2011-2016

Figure 34: China's Patent Share for Direct-fed Microbials, by Year, 2011-2016

Figure 35: U.S.'s Patent Share for Direct-fed Microbials, by Year, 2011-2016

Figure 36: Europe's Patent Share for Direct-fed Microbials, by Year, 2011-2016

Figure 37: Global Patent Share for Direct-fed-Microbials, by Assignee, 2011-2016

Figure 38: Key Strategies in Direct-fed Microbials Market, 2014-2017

COMPANIES MENTIONED

ADISSEO

AMERICAN BIOSYSTEMS, INC.

ARCHER DANIELS MIDLAND CO.

BENTOLI INC.

BIO-VET

BIOMIN HOLDING GMBH

BIOWISH TECHNOLOGIES

CALPIS CO. LTD.

CARGILL INC.

CHR. HANSEN HOLDING

CONKLIN CO. INC.

DIRECT BIOLOGICALS INC.

E. I. DU PONT DE NEMOURS AND CO.

EVONIK INDUSTRIES AG

JBS UNITED

KEMIN INDUSTRIES INC.

KONINKLIJKE DSM N.V.

LALLEMAND INC.

NOVOZYMES

NOVUS INTERNATIONAL INC.

NUTRAFERMA

PROTEXIN

PROVICO PTY. LTD.

STRONG MICROBIALS

SYNBIO TECH INC.

I would like to order

Product name: Direct-fed Microbials (DFM): Global Markets to 2022

Product link: <https://marketpublishers.com/r/D8DBFFB2D06EN.html>

Price: US\$ 1,250.00 (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/D8DBFFB2D06EN.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**

Customer 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