

Specialty Crops for Nutraceuticals Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

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Abstracts

The Global Specialty Crops For Nutraceuticals Market was valued at USD 21.8 billion in 2024 and is estimated to grow at a CAGR of 9.8% to reach USD 56.6 billion by 2034.

The expansion is fueled by rising global awareness around preventive health and a growing shift toward natural, plant-based wellness alternatives. Specialty crops, including nutrient-dense fruits, seeds, nuts, vegetables, and medicinal herbs, are being cultivated specifically for their bioactive properties and health benefits. These crops are not only used in functional foods and dietary supplements but are also gaining traction in pharmaceutical formulations, where agriculture increasingly intersects with health science. The momentum is being driven by consumers who now view food as medicine and are increasingly seeking targeted, natural solutions for long-term wellness. Demand continues to surge for ingredients perceived as immune-enhancing or stress-reducing. This interest has been amplified in recent years by global health challenges and is sustained by evolving farming practices like precision agriculture and controlled environment cultivation that allow consistent year-round harvesting. With government dietary recommendations and research institutions emphasizing whole-food nutrition, the role of specialty crops in the nutraceuticals space is becoming central to global wellness strategies.

The medicinal herbs and botanicals segment will reach USD 21.1 billion by 2034. Their widespread use stems from both traditional medicine systems and increasing validation from scientific research. Modern consumers are gravitating toward herbal-based remedies for managing stress, boosting immunity, and supporting long-term health. This segment continues to lead, backed by a consumer base that prefers natural over synthetic solutions and trusts botanical efficacy. Several herbal varieties known for

supporting cognitive function, energy, and immunity have seen explosive growth in supplement applications, contributing significantly to overall market expansion.

The dietary supplements segment held a 65% share in 2024 and is forecasted to grow to USD 36.8 billion by 2034. This growth is driven by consumers shifting from generic multivitamins to targeted, plant-based formulations designed for specific health outcomes such as metabolism, brain function, and mobility. Ingredient traceability, cleaner labels, and high bioavailability have become major purchase drivers. Leading supplement manufacturers are forming strategic alliances with specialty crop producers to guarantee consistent quality and build vertically integrated supply chains. This helps ensure transparency, sustainability, and reliability, which resonate with health-conscious consumers.

U.S. Specialty Crops for Nutraceuticals Market was valued at USD 7.2 billion in 2024 and is expected to reach USD 14.16 billion by 2034. The region benefits from cutting-edge agriculture technologies, robust research capabilities, and a mature market for premium health products. States like Washington, Oregon, and California are seeing rising cultivation of high-value specialty crops focused on health-based use. The push for organic farming practices and sustainability is accelerating acreage expansion. Health-aware consumers in the U.S. are also increasingly demanding locally grown, traceable ingredients, creating opportunities for domestic growers to diversify into botanicals and functional plant-based products that meet high market standards.

Key players in the Specialty Crops for Nutraceuticals Market include Kemin, Neutragen Healthcare, Americas Heartland, Aries Agro, and Cargill. Companies in the Specialty Crops for Nutraceuticals Market are prioritizing vertical integration by investing directly in farming partnerships to secure consistent, high-quality raw materials. Many are leveraging advanced agricultural practices such as CEA (Controlled Environment Agriculture) and precision farming to ensure year-round availability and enhance yield efficiency. A major strategic focus lies in developing proprietary crop varieties rich in targeted bioactives, aligning closely with clinical research to support health claims. Businesses are expanding product portfolios with clean-label, single-ingredient supplements tailored for specific wellness goals. Certifications such as organic, non-GMO, and sustainably farmed are being used to differentiate offerings and build trust. Branding efforts increasingly highlight traceability, and companies are deepening R&D investment to link botanical efficacy with measurable health outcomes.

Contents

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market scope and definition
- 1.2 Research design
 - 1.2.1 Research approach
 - 1.2.2 Data collection methods
- 1.3 Data mining sources
 - 1.3.1 Global
 - 1.3.2 Regional/Country
- 1.4 Base estimates and calculations
 - 1.4.1 Base year calculation
 - 1.4.2 Key trends for market estimation
- 1.5 Primary research and validation
 - 1.5.1 Primary sources
- 1.6 Forecast model
- 1.7 Research assumptions and limitations

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry 360° synopsis
- 2.2 Key market trends
 - 2.2.1 Product type
 - 2.2.2 Application
 - 2.2.3 Cultivation method
- 2.3 TAM analysis, 2025-2034
- 2.4 CXO perspectives: Strategic imperatives
 - 2.4.1 Executive decision points
 - 2.4.2 Critical success factors
- 2.5 Outlook and strategic recommendations

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
 - 3.1.1 Supplier landscape
 - 3.1.2 Profit margin
 - 3.1.3 Value addition at each stage
 - 3.1.4 Factor affecting the value chain

- 3.1.5 Disruptions
- 3.2 Industry impact forces
 - 3.2.1 Growth drivers
 - 3.2.2 Industry pitfalls and challenges
 - 3.2.3 Market opportunities
- 3.3 Growth potential analysis
- 3.4 Regulatory landscape
 - 3.4.1 North America
 - 3.4.2 Europe
 - 3.4.3 Asia Pacific
 - 3.4.4 Latin America
 - 3.4.5 Middle East & Africa
- 3.5 Porter's analysis
- 3.6 PESTEL analysis
 - 3.6.1 Technology and innovation landscape
 - 3.6.2 Current technological trends
 - 3.6.3 Emerging technologies
- 3.7 Price trends
 - 3.7.1 By region
- 3.8 Future market trends
- 3.9 Technology and innovation landscape
 - 3.9.1 Current technological trends
 - 3.9.2 Emerging technologies
- 3.10 Patent landscape
- 3.11 Trade statistics (HS code) (Note: the trade statistics will be provided for key countries only)
 - 3.11.1 Major importing countries
 - 3.11.2 Major exporting countries
- 3.12 Sustainability and environmental aspects
 - 3.12.1 Sustainable practices
 - 3.12.2 Waste reduction strategies
 - 3.12.3 Energy efficiency in production
 - 3.12.4 Eco-friendly initiatives
- 3.13 Carbon footprint considerations

CHAPTER 4 COMPETITIVE LANDSCAPE, 2024

- 4.1 Introduction
- 4.2 Company market share analysis

- 4.2.1 By region
 - 4.2.1.1 North America
 - 4.2.1.2 Europe
 - 4.2.1.3 Asia Pacific
 - 4.2.1.4 Latin America
 - 4.2.1.5 Middle East & Africa
- 4.3 Company matrix analysis
- 4.4 Competitive analysis of major market players
- 4.5 Competitive positioning matrix
- 4.6 Key developments
 - 4.6.1 Mergers & acquisitions
 - 4.6.2 Partnerships & collaborations
 - 4.6.3 New product launches
 - 4.6.4 Expansion plans

CHAPTER 5 MARKET SIZE AND FORECAST, BY PRODUCT TYPE, 2021-2034 (USD BILLION) (KILO TONS)

- 5.1 Key trends
- 5.2 Medicinal herbs & botanicals
 - 5.2.1 Adaptogenic herbs
 - 5.2.2 Traditional medicinal plants
 - 5.2.3 Anti-inflammatory botanicals
 - 5.2.4 Others
- 5.3 Functional fruits & berries
 - 5.3.1 Antioxidant-rich berries
 - 5.3.2 Citrus fruits for flavonoids
 - 5.3.3 Exotic fruits
- 5.4 Tree nuts & seeds
 - 5.4.1 Omega-rich nuts
 - 5.4.2 Protein-rich seeds
 - 5.4.3 Specialty nuts
- 5.5 Culinary herbs & spices
 - 5.5.1 Anti-inflammatory spices
 - 5.5.2 Aromatic herbs
 - 5.5.3 Exotic spices
- 5.6 Functional vegetables
 - 5.6.1 Carotenoid-rich vegetables
 - 5.6.2 Cruciferous vegetables

5.6.3 Allium vegetables

CHAPTER 6 MARKET SIZE AND FORECAST, BY APPLICATION, 2021-2034 (USD BILLION) (KILO TONS)

6.1 Key trends

6.2 Dietary supplements

6.2.1 Single-ingredient supplements

6.2.2 Multi-ingredient formulations

6.2.3 Targeted health supplements

6.3 Functional foods & beverages

6.3.1 Fortified foods with specialty crop extracts

6.3.2 Functional beverages

6.3.3 Probiotic foods enhanced with prebiotic specialty crops

6.4 Pharmaceutical

6.4.1 Botanical drugs

6.4.2 Standardized plant medicines

6.4.3 Clinical trial materials for botanical research

CHAPTER 7 MARKET SIZE AND FORECAST, BY CULTIVATION METHOD, 2021-2034 (USD BILLION) (KILO TONS)

7.1 Key trends

7.2 Conventional cultivation

7.3 Organic cultivation

7.4 Controlled environment agriculture

CHAPTER 8 MARKET SIZE AND FORECAST, BY REGION, 2021-2034 (USD BILLION) (KILO TONS)

8.1 Key trends

8.2 North America

8.2.1 U.S.

8.2.2 Canada

8.3 Europe

8.3.1 UK

8.3.2 Germany

8.3.3 France

8.3.4 Italy

- 8.3.5 Spain
- 8.3.6 Rest of Europe
- 8.4 Asia Pacific
 - 8.4.1 China
 - 8.4.2 India
 - 8.4.3 Japan
 - 8.4.4 South Korea
 - 8.4.5 Australia
 - 8.4.6 Rest of Asia Pacific
- 8.5 Latin America
 - 8.5.1 Brazil
 - 8.5.2 Mexico
 - 8.5.3 Argentina
 - 8.5.4 Rest of Latin America
- 8.6 Middle East & Africa
 - 8.6.1 South Africa
 - 8.6.2 Saudi Arabia
 - 8.6.3 UAE
 - 8.6.4 Rest of Middle East & Africa

CHAPTER 9 COMPANY PROFILES

- 9.1 Cargill
- 9.2 Kemin
- 9.3 Aries Agro
- 9.4 Americas Heartland
- 9.5 Neutragen Healthcare
- 9.6 Corteva Agriscience
- 9.7 Bayer Crop Science
- 9.8 Syngenta Group
- 9.9 AeroFarms

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