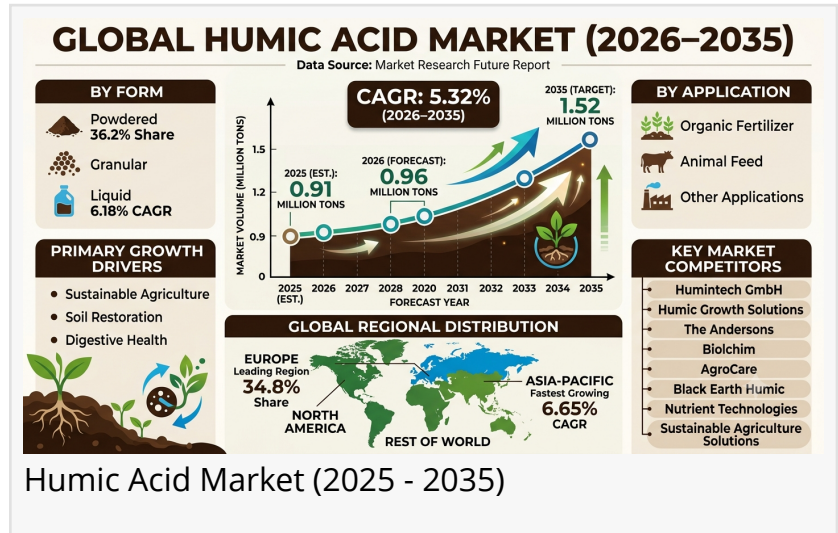


Humic Acid Market to Grow from 0.91 Million Tons in 2025 to 1.52 Million Tons by 2035 at 5.32% CAGR

Europe led the Humic Acid Market with 34.8% volume share in 2025, supported by regulatory clarity and organic-farming subsidies

EUROPE, UNITED KINGDOM, August 24, 2026 /EINPresswire.com/ -- The global [humic acid market](#) is entering a decade of sustained expansion driven by the intersection of agricultural policy, environmental remediation, and the commercialization of natural soil amendments. Estimated at 0.91 million tons in 2025, the market is projected to grow from 0.96 million tons in 2026 to approximately 1.52 million tons by 2035, registering a compound annual growth rate of 5.32%. What was once a niche input for organic gardeners is rapidly becoming a mainstream tool for commercial agriculture, carbon sequestration programs, and industrial water treatment as governments worldwide tighten restrictions on synthetic fertilizer runoff and invest in soil restoration.



The Policy Architecture Reshaping Demand

Two regulatory frameworks are fundamentally altering the humic acid landscape. The European Union's revised Fertilizing Products Regulation, EU 2019/1009, explicitly classifies humic acids as eligible plant biostimulants, unlocking access to a single market of 27 member states and creating a compliance-driven demand floor that did not exist a decade ago. Simultaneously, India's Paramparagat Krishi Vikas Yojana program, backed by INR 12,000 crore in cumulative outlays, incentivizes organic farming inputs across more than 30,000 clusters and directly lifts consumption of soil conditioning products. These are not temporary stimulus measures but structural shifts in how governments approach agricultural productivity and environmental stewardship.

On the technology front, legacy open-pit leonardite mining with diesel-powered drying is giving

way to solar-assisted extraction and closed-loop water recycling, cutting per-ton processing costs by an estimated 18 to 22%. Vertically integrated players are investing \$150 to \$200 million collectively in modernizing beneficiation lines, driven partly by ESG disclosure requirements and partly by buyer demand for third-party life-cycle assessments. The shift toward precision agriculture, where soil fertility enhancers are dosed by variable-rate applicators guided by soil-sensor data, is further professionalizing what was once a commodity supply chain.

Market Size and Forecast Trajectory

Market Research Future's estimates draw on primary interviews with leonardite miners, fertilizer blenders, and agricultural extension agencies across 14 countries, triangulated against trade-flow data and import and export records from UN Comtrade and national customs databases. Historical figures from 2021 through 2024 are based on verified shipment and production records. The market has grown from 0.74 million tons in 2021 and is expected to reach approximately 1.06 million tons by 2028 before climbing steadily toward the 1.52 million ton endpoint in 2035.

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Segment Analysis by Form

Powdered humic acid products command the largest share of the market by form, capturing approximately 36.2% of global volume in 2025. Their dominance reflects straightforward blending compatibility with granular NPK and organic fertilizers, minimal processing cost, and long shelf life. Manufacturers in China, Turkey, and the United States produce powdered grades ranging from 50% to 85% humic substance content, with pricing typically 20 to 30% below liquid equivalents on a per-active-ingredient basis. The powdered segment's dominance is gradually being challenged, however, as fertigation and precision-spray applications favor more soluble forms.

Liquid formulations represent the fastest-growing form segment, projected to expand at a 6.18% CAGR through 2035. This acceleration is driven by the global expansion of drip-irrigation infrastructure and the integration of liquid humic acid into fertigation and foliar-spray systems. Liquid products integrate seamlessly into precision agriculture workflows, delivering plant growth stimulants directly to the root zone with minimal labor. Premium pricing, typically two to three times powdered equivalents per liter of active content, reflects higher processing and filtration costs, but commercial growers accept the premium because field trials consistently show yield improvements of 8 to 14%. Producers investing in microfiltration and standardized liquid concentrates are tapping into a premium niche projected at \$280 to \$350 million by 2030, notably for greenhouse and protected-agriculture applications.

Granular products are gaining traction due to controlled-release functionality and compatibility with mechanical spreaders, generating approximately \$48.5 million in 2025. These formats

appeal to broadacre farmers who require uniform field application without the dust associated with fine powders.

Segment Analysis by Application

Organic fertilizer applications overwhelmingly dominate the humic acid market, accounting for approximately 92.3% of volume in 2025. This reflects the fundamental reality that soil health improvement is the primary value proposition of humic substances. Humic acids enhance nutrient availability, improve soil structure, stimulate root development, and reduce phosphorus fixation, improving synthetic fertilizer efficiency by 12 to 18%. As organic acreage expands globally under regulatory mandates, this segment's absolute tonnage will continue to grow even as its share modestly declines.

Other applications, encompassing industrial water treatment and specialty chemicals, represent the fastest-growing application category, advancing at a 6.15% CAGR. Municipal wastewater treatment plants in Europe and the Middle East are increasingly piloting humic acid-based flocculants as replacements for aluminum sulfate and polyacrylamide, with European municipal plants demonstrating 30 to 40% cost savings versus [synthetic polymer](#) alternatives. The EU's revised Urban Wastewater Treatment Directive, setting stricter micropollutant limits by 2030, creates a high-margin diversification path for producers. Drilling fluid formulators also use humic acid as a viscosity modifier, while specialty chemical applications continue to multiply.

Animal feed supplementation is emerging as a niche but fast-growing end use, projected to expand at a 4.15% CAGR. Recent research from the USDA Agricultural Research Service and European feed-additive registration agencies reveals that adding humic acids to poultry and swine diets results in a 25 to 30% decrease in harmful gut bacteria and improved feed conversion ratios. The EU's prohibition on [zinc oxide](#) in piglet feed, implemented in 2022, has paved the way for humic acid repurposing as a gut-health supplement. This adjacency could unlock 50,000 to 70,000 tons of incremental demand annually by 2032.

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Regional Landscape: Europe Leads, Asia-Pacific Surges

Europe commands the largest share of the global humic acid market at approximately 34.8% of volume in 2025, supported by mature regulatory frameworks, strong organic-farming adoption rates, and well-developed biostimulant registration pathways. Germany alone accounts for roughly 22.4% of regional consumption, driven by a retail organic food sector valued at over EUR 16 billion annually. The United Kingdom is growing at a 5.42% CAGR, with post-Brexit Environmental Land Management Schemes explicitly rewarding soil carbon building with per-hectare payments that create direct financial incentives for farmers to adopt natural soil amendments. France generated approximately \$32.5 million in 2025, supported by Common Agricultural Policy eco-scheme payments and vineyard soil health programs. Italy captures

roughly 14.6% of the regional share through Mediterranean horticulture and biofertilizer adoption. Spain is expanding at a 5.18% CAGR, with olive and citrus fertigation driving liquid humic acid demand. The Nordic countries contributed approximately \$11.8 million, supported by circular economy policies and peatland restoration programs. Russia holds roughly 8.3% of regional share through large-scale grain farming and domestic leonardite reserves.

North America holds the second-largest position with approximately 24.5% of global volume in 2025. The United States dominates the regional landscape with roughly 72.3% of North American consumption, where the National Organic Program certifies over 5 million acres and is growing. Demand is concentrated in California's specialty-crop belt, Pacific Northwest berry operations, and emerging regenerative ranching programs across the Great Plains. Canada is expanding at a 5.85% CAGR, with the federal Agricultural Clean Technology Program allocating CAD 346.8 million to support adoption of soil conditioning products, while prairie soil carbon programs drive incremental demand. Mexico contributed approximately \$18.2 million in 2025, with avocado and berry export-driven demand for organic farming inputs.

Asia-Pacific is the fastest-growing region, projected to expand at a 6.65% CAGR through 2035. China accounts for approximately 31.5% of the regional share, with soil remediation mandates and organic fertilizer subsidies sustaining large-volume consumption. India is the standout growth market within the region, advancing at a 7.85% CAGR. The country's National Mission on Natural Farming allocated INR 2,481 crore for 2024 through 2026 to cover 7.5 million hectares, with humic acid-based soil fertility enhancers listed among eligible inputs. India's overall organic farming cluster expansion, combined with severe soil degradation across the Indo-Gangetic plain, creates a multi-year demand runway. Japan contributed approximately \$22.4 million, focused on high-value horticulture and premium soil conditioning products. South Korea is growing at a 5.92% CAGR through urban farming and controlled-environment agriculture. The ASEAN bloc captures roughly 18.7% of the regional share through plantation crops including palm and rubber, where soil fertility enhancers improve nutrient retention in highly weathered tropical soils.

South America accounted for approximately 8.7% of global market volume in 2025. Brazil dominates with roughly 62.4% of the regional share, where acidic Cerrado soils benefit substantially from humic acid amendments that improve cation exchange capacity and nutrient retention. The country's Plano ABC Plus low-carbon agriculture plan explicitly includes soil organic matter improvement among its targets, creating a policy tailwind for natural soil amendments. Argentina is growing at a 5.48% CAGR through Pampas soil carbon programs and no-till soybean adoption.

The Middle East and Africa is expanding at a 5.8% CAGR. Saudi Arabia leads with approximately 28.3% of regional share, with Vision 2030 allocating \$6.4 billion for agricultural modernization and specifying soil conditioning products in government procurement tenders. The United Arab Emirates is growing at a 6.25% CAGR through hydroponic and controlled-environment farming. South Africa contributed approximately \$7.8 million, with smallholder soil fertility programs and

established commercial farming sustaining baseline demand. Egypt is expanding at a 5.70% CAGR through Nile Delta soil salinity management using natural amendments.

Report Summary: <https://www.marketresearchfuture.com/reports/humic-acid-market-5708>

Competitive Landscape

The humic acid market exhibits low concentration, with no single player commanding more than 10% of global volume. The top five producers collectively account for an estimated 25 to 30% of the market, reflecting a fragmented landscape dominated by regional miners and specialty formulators. Barriers to entry are moderate, as leonardite deposits are geographically dispersed and extraction technology is accessible, but product consistency and regulatory certifications create differentiation for established players.

Humintech GmbH leads with an estimated 5 to 8% revenue share, operating as a European market leader with vertical integration from mine to formulation, offering powdered and liquid humic and fulvic products. SHAN MAO Humic Acid Technology captures roughly 4 to 7% as the Chinese volume leader, producing raw leonardite and processed humic acid granules at cost-competitive scale. NTS, or Nutri-Tech Solutions, holds approximately 3 to 5% as an Australian specialist in precision crop nutrition products and liquid humic concentrates. Black Earth Humic, part of Horizon Ag-Products, accounts for roughly 3 to 5% with an OMRI-listed portfolio focused on the U.S. organic certification market and regenerative agriculture positioning. Agbest Technology captures approximately 2 to 4% through technology-driven liquid formulations for fertigation and foliar spray applications. Jiloca Industrial S.A. holds roughly 2 to 4% as a Spanish producer with EU biostimulant registration and leonardite-based specialty blends.

Other notable players include Canadian Humalite International with roughly 2 to 3% share leveraging premium Canadian deposits and ESG-certified extraction, Grow More Inc. with approximately 1 to 3% serving the U.S. retail and professional turf segment, Humic Growth Solutions with roughly 1 to 3% as a South African specialist for smallholder and commercial markets, and Arctech Inc. capturing approximately 1 to 2% as an industrial-grade specialist for water treatment applications.

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