Amino acids are biological derivatives of organic compounds containing carboxylic acid (-COOH) and amine (-NH2) functional groups. The major elements of an amino acid are hydrogen, carbon, nitrogen, and oxygen, although other elements are also included in the side chains of various amino acids.

Amino acid fertilizers are completely soluble in water and thus are feasible to mix in the injector, sprayer, or the overall irrigation system. Use of amino acid water-soluble fertilizers provides several advantages such as stress resistance, chelating effect, equilibrium of soil and flora, and efficient protein synthesis.

The global Amino Acid Water-soluble Fertilizers market was valued at xx million US$ in 2018 and will reach xx million US$ by the end of 2025, growing at a CAGR of xx% during 2019-2025.

This report focuses on Amino Acid Water-soluble Fertilizers volume and value at global level, regional level and company level. From a global perspective, this report represents overall Amino Acid Water-soluble Fertilizers market size by analyzing historical data and future prospect.

Regionally, this report categorizes the production, apparent consumption, export and import of Amino Acid Water-soluble Fertilizers in North America, Europe, China, Japan, Southeast Asia and India.

For each manufacturer covered, this report analyzes their Amino Acid Water-soluble Fertilizers manufacturing sites, capacity, production, ex-factory price, revenue and market share in global market.

The following manufacturers are covered:
- Haifa
- Yara
- Arab Potash
- Omex
- Israel Chemicals
- Bunge
- SQM
- UralChem
- ICL

Segment by Regions
- North America
- Europe
- China
- Japan
- Southeast Asia
- India

Segment by Type
- Solid Fertilizers
- Liquid Fertilizers

Segment by Application
- Horticulture
- Crops

Table of Contents

1 Industry Overview of Amino Acid Water-soluble Fertilizers
   1.1 Definition of Amino Acid Water-soluble Fertilizers
   1.2 Amino Acid Water-soluble Fertilizers Segment by Type
      1.2.1 Global Amino Acid Water-soluble Fertilizers Production Growth Rate Comparison by Types (2014-2025)
      1.2.2 Solid Fertilizers
      1.2.3 Liquid Fertilizers
   1.3 Amino Acid Water-soluble Fertilizers Segment by Applications
      1.3.1 Global Amino Acid Water-soluble Fertilizers Consumption Comparison by Applications (2014-2025)
      1.3.2 Horticulture
      1.3.3 Crops
   1.4 Global Amino Acid Water-soluble Fertilizers Overall Market
      1.4.1 Global Amino Acid Water-soluble Fertilizers Revenue (2014-2025)
      1.4.2 Global Amino Acid Water-soluble Fertilizers Production (2014-2025)
      1.4.3 North America Amino Acid Water-soluble Fertilizers Status and Prospect (2014-2025)
      1.4.4 Europe Amino Acid Water-soluble Fertilizers Status and Prospect (2014-2025)
      1.4.5 China Amino Acid Water-soluble Fertilizers Status and Prospect (2014-2025)
      1.4.6 Japan Amino Acid Water-soluble Fertilizers Status and Prospect (2014-2025)
      1.4.7 Southeast Asia Amino Acid Water-soluble Fertilizers Status and Prospect (2014-2025)
      1.4.8 India Amino Acid Water-soluble Fertilizers Status and Prospect (2014-2025)

2 Manufacturing Cost Structure Analysis
2.1 Raw Material and Suppliers
2.2 Manufacturing Cost Structure Analysis of Amino Acid Water-soluble Fertilizers
2.3 Manufacturing Process Analysis of Amino Acid Water-soluble Fertilizers
2.4 Industry Chain Structure of Amino Acid Water-soluble Fertilizers

3 Development and Manufacturing Plants Analysis of Amino Acid Water-soluble Fertilizers
3.1 Capacity and Commercial Production Date
3.2 Global Amino Acid Water-soluble Fertilizers Manufacturing Plants Distribution
3.3 Major Manufacturers Technology Source and Market Position of Amino Acid Water-soluble Fertilizers
3.4 Recent Development and Expansion Plans

4 Key Figures of Major Manufacturers
4.1 Amino Acid Water-soluble Fertilizers Production and Capacity Analysis
4.2 Amino Acid Water-soluble Fertilizers Revenue Analysis
4.3 Amino Acid Water-soluble Fertilizers Price Analysis
4.4 Market Concentration Degree

5 Amino Acid Water-soluble Fertilizers Regional Market Analysis
5.1 Amino Acid Water-soluble Fertilizers Production by Regions
5.1.1 Global Amino Acid Water-soluble Fertilizers Production by Regions
5.1.2 Global Amino Acid Water-soluble Fertilizers Revenue by Regions
5.2 Amino Acid Water-soluble Fertilizers Consumption by Regions
5.3 North America Amino Acid Water-soluble Fertilizers Market Analysis
5.3.1 North America Amino Acid Water-soluble Fertilizers Production
5.3.2 North America Amino Acid Water-soluble Fertilizers Revenue
5.3.3 Key Manufacturers in North America
5.3.4 North America Amino Acid Water-soluble Fertilizers Import and Export
5.4 Europe Amino Acid Water-soluble Fertilizers Market Analysis
5.4.1 Europe Amino Acid Water-soluble Fertilizers Production
5.4.2 Europe Amino Acid Water-soluble Fertilizers Revenue
5.4.3 Key Manufacturers in Europe
5.4.4 Europe Amino Acid Water-soluble Fertilizers Import and Export
5.5 China Amino Acid Water-soluble Fertilizers Market Analysis
5.5.1 China Amino Acid Water-soluble Fertilizers Production
5.5.2 China Amino Acid Water-soluble Fertilizers Revenue
5.5.3 Key Manufacturers in China
5.5.4 China Amino Acid Water-soluble Fertilizers Import and Export
5.6 Japan Amino Acid Water-soluble Fertilizers Market Analysis
5.6.1 Japan Amino Acid Water-soluble Fertilizers Production
5.6.2 Japan Amino Acid Water-soluble Fertilizers Revenue
5.6.3 Key Manufacturers in Japan
5.6.4 Japan Amino Acid Water-soluble Fertilizers Import and Export
5.7 Southeast Asia Amino Acid Water-soluble Fertilizers Market Analysis
5.7.1 Southeast Asia Amino Acid Water-soluble Fertilizers Production
5.7.2 Southeast Asia Amino Acid Water-soluble Fertilizers Revenue
5.7.3 Key Manufacturers in Southeast Asia
5.7.4 Southeast Asia Amino Acid Water-soluble Fertilizers Import and Export
5.8 India Amino Acid Water-soluble Fertilizers Market Analysis
5.8.1 India Amino Acid Water-soluble Fertilizers Production
5.8.2 India Amino Acid Water-soluble Fertilizers Revenue
5.8.3 Key Manufacturers in India
5.8.4 India Amino Acid Water-soluble Fertilizers Import and Export

6 Amino Acid Water-soluble Fertilizers Segment Market Analysis (by Type)
6.1 Global Amino Acid Water-soluble Fertilizers Production by Type
6.2 Global Amino Acid Water-soluble Fertilizers Revenue by Type
6.3 Amino Acid Water-soluble Fertilizers Price by Type

7 Amino Acid Water-soluble Fertilizers Segment Market Analysis (by Application)
7.1 Global Amino Acid Water-soluble Fertilizers Consumption by Application

8 Amino Acid Water-soluble Fertilizers Major Manufacturers Analysis
8.1 Haifa
8.1.1 Haifa Amino Acid Water-soluble Fertilizers Production Sites and Area Served
8.1.2 Haifa Product Introduction, Application and Specification
8.1.3 Haifa Amino Acid Water-soluble Fertilizers Production, Revenue, Ex-factory Price and Gross Margin (2014-2019)
8.1.4 Main Business and Markets Served
8.2 Yara
8.2.1 Yara Amino Acid Water-soluble Fertilizers Production Sites and Area Served
8.2.2 Yara Product Introduction, Application and Specification
8.2.3 Yara Amino Acid Water-soluble Fertilizers Production, Revenue, Ex-factory Price and Gross Margin (2014-2019)
8.2.4 Main Business and Markets Served
8.3 Arab Potash
8.3.1 Arab Potash Amino Acid Water-soluble Fertilizers Production Sites and Area Served
8.3.2 Arab Potash Product Introduction, Application and Specification
8.3.3 Arab Potash Amino Acid Water-soluble Fertilizers Production, Revenue, Ex-factory Price and Gross Margin (2014-2019)
8.3.4 Main Business and Markets Served
8.4 Omex
8.4.1 Omex Amino Acid Water-soluble Fertilizers Production Sites and Area Served
8.4.2 Omex Product Introduction, Application and Specification
8.4.3 Omex Amino Acid Water-soluble Fertilizers Production, Revenue, Ex-factory Price and Gross Margin (2014-2019)
8.4.4 Main Business and Markets Served

8.5 Israel Chemicals
8.5.1 Israel Chemicals Amino Acid Water-soluble Fertilizers Production Sites and Area Served
8.5.2 Israel Chemicals Product Introduction, Application and Specification
8.5.3 Israel Chemicals Amino Acid Water-soluble Fertilizers Production, Revenue, Ex-factory Price and Gross Margin (2014-2019)
8.5.4 Main Business and Markets Served

8.6 Bunge
8.6.1 Bunge Amino Acid Water-soluble Fertilizers Production Sites and Area Served
8.6.2 Bunge Product Introduction, Application and Specification
8.6.4 Main Business and Markets Served

8.7 SQM
8.7.1 SQM Amino Acid Water-soluble Fertilizers Production Sites and Area Served
8.7.2 SQM Product Introduction, Application and Specification
8.7.3 SQM Amino Acid Water-soluble Fertilizers Production, Revenue, Ex-factory Price and Gross Margin (2014-2019)
8.7.4 Main Business and Markets Served

8.8 UralChem
8.8.1 UralChem Amino Acid Water-soluble Fertilizers Production Sites and Area Served
8.8.2 UralChem Product Introduction, Application and Specification
8.8.4 Main Business and Markets Served

8.9 ICL
8.9.1 ICL Amino Acid Water-soluble Fertilizers Production Sites and Area Served
8.9.2 ICL Product Introduction, Application and Specification
8.9.3 ICL Amino Acid Water-soluble Fertilizers Production, Revenue, Ex-factory Price and Gross Margin (2014-2019)
8.9.4 Main Business and Markets Served

9 Development Trend of Analysis of Amino Acid Water-soluble Fertilizers Market
9.1 Global Amino Acid Water-soluble Fertilizers Market Trend Analysis
9.1.1 Global Amino Acid Water-soluble Fertilizers Market Size (Volume and Value) Forecast 2019-2025
9.2 Amino Acid Water-soluble Fertilizers Regional Market Trend
9.2.1 North America Amino Acid Water-soluble Fertilizers Forecast 2019-2025
9.2.2 Europe Amino Acid Water-soluble Fertilizers Forecast 2019-2025
9.2.3 China Amino Acid Water-soluble Fertilizers Forecast 2019-2025
9.2.4 Japan Amino Acid Water-soluble Fertilizers Forecast 2019-2025
9.2.5 Southeast Asia Amino Acid Water-soluble Fertilizers Forecast 2019-2025
9.2.6 India Amino Acid Water-soluble Fertilizers Forecast 2019-2025
9.3 Amino Acid Water-soluble Fertilizers Market Trend (Product Type)
9.4 Amino Acid Water-soluble Fertilizers Market Trend (Application)
10.1 Marketing Channel
10.1.1 Direct Marketing
10.1.2 Indirect Marketing
10.3 Amino Acid Water-soluble Fertilizers Customers

11 Market Dynamics
11.1 Market Trends
11.2 Opportunities
11.3 Market Drivers
11.4 Challenges
11.5 Influence Factors

12 Conclusion

13 Appendix
13.1 Methodology/Research Approach
13.1.1 Research Programs/Design
13.1.2 Market Size Estimation
13.1.3 Market Breakdown and Data Triangulation
13.2 Data Source
13.2.1 Secondary Sources
13.2.2 Primary Sources
13.3 Author List