

Global Soilless Substrate Specific Nutrient Solution Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Soilless Substrate Specific Nutrient Solution market size was valued at US\$ 2936 million in 2025 and is forecast to a readjusted size of US\$ 7069 million by 2032 with a CAGR of 13.3% during review period.

Soilless Substrate Specific Nutrient Solution refers to highly soluble mineral formulations engineered to supply essential plant nutrients exclusively via irrigation water in soilless cultivation systems, formulas are tailored to interact with the chemical and physical properties of specific media. In 2025, global soilless substrate specific nutrient solution production reached approximately 1,188K ton, with an average global market price of around USD 2,400 per ton. A factory gross profit of USD 768 per ton with 32% gross margin. A single line full machine capacity production is around 8K ton per line per year. downstream demand is concentrated in greenhouse, hydroponic and forticulture. A commercial greenhouse using rockwool substrate and nutrition can improve yield and increase water recycling rate. While China leads the market driven by major force of large scale plant factories and vertical farming, India is growing rapidly due to government support for modern, sustainable agriculture. Canada has a strong greenhouse industry, particularly for vegetable production.

This report is a detailed and comprehensive analysis for global Soilless Substrate Specific Nutrient Solution 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 2025, are provided.

Key Features:

Global Soilless Substrate Specific Nutrient Solution market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Soilless Substrate Specific Nutrient Solution market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Soilless Substrate Specific Nutrient Solution market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Soilless Substrate Specific Nutrient Solution market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2021-2026

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 Soilless Substrate Specific Nutrient Solution
- 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 Soilless Substrate Specific Nutrient Solution market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Yara International (Norway), Nutrien (Canada), ICL Group (Israel), Haifa Group (Israel), EuroChem (Switzerland), K+S AG (Germany), Scotts Miracle-Gro (US), Hydrofarm Holdings (US), CANNA (Netherlands), Advanced Nutrients (Canada), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Soilless Substrate Specific Nutrient Solution market is split by Type and by Application. For the period 2021-2032, 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

Coco Coir Optimized

Rockwool Specific

Perlite

Peat Moss Mixes

Others

Market segment by Systems

Drip Irrigation (Open System)

NFT (Nutrient Film Technique)

Deep Water Culture (DWC)

Aeroponics

Others

Market segment by pH Range

Strongly Acidic (5.0 - 5.5)

Optimal Hydroponic Range (5.5-6.0)

Mildly Acidic (6.0-6.5)

Neutral Range (6.5-7.0)

Others

Market segment by Application

Hydroponic

Greenhouse Vegetables

Forticulture

Others

Major players covered

Yara International (Norway)

Nutrien (Canada)

ICL Group (Israel)

Haifa Group (Israel)

EuroChem (Switzerland)

K+S AG (Germany)

Scotts Miracle-Gro (US)

Hydrofarm Holdings (US)

CANNA (Netherlands)

Advanced Nutrients (Canada)

General Hydroponics (US)

Valagro (Italy)

Biobizz (Netherlands)

Aptus Plant Tech (Netherlands)

Plant-Prod (Canada)

FoxFarm (US)

Atami (Netherlands)

Hesi (Netherlands)

Nutrifield (Australia)

Qingdao Sonef (China)

Shanghai Wanye (China)

Sichuan Shihua (China)

Hangzhou Lingrui (China)

Coromandel (India)

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 Soilless Substrate Specific Nutrient Solution product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Soilless Substrate Specific Nutrient Solution, with price, sales quantity, revenue, and global market share of Soilless Substrate Specific Nutrient Solution from 2021 to 2026.

Chapter 3, the Soilless Substrate Specific Nutrient Solution competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Soilless Substrate Specific Nutrient Solution breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026. and Soilless Substrate Specific Nutrient Solution market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Soilless Substrate Specific Nutrient Solution.

Chapter 14 and 15, to describe Soilless Substrate Specific Nutrient Solution sales channel, distributors, customers, research findings and conclusion.

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