

# The Global Market for AgriTech 2024-2034

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## Abstracts

Agricultural Technology (AgriTech) utilizes advanced solutions, from genetic engineering to sensors and robotics, to improve efficiency, sustainability, and profitability in the agricultural sector. The AgriTech sector is rapidly growing to meet rising food demand sustainably. This report provides deep analysis of key technologies transforming the future of agriculture

New technological advancements and renewable methods are radically transforming the sector, exploiting new developments in automation, drone technology, biochemicals, precision farming and more. The Global Market for AgriTech 2024-2034 provides an in-depth analysis of this thriving sector. Report contents include:

Analysis of AgriTech sectors including:

Vertical Farming

Aeroponics.

Hydroponics.

Aquaponics.

LEDs and lighting.

Automation.

Crop Biotech

Gene modification.

Genome editing.

Gene silencing.

Synthetic biology.

Selective breeding.

Seed treatments.

Smart Farming

Agribots and autonomous tractors.

Crops monitoring & analytics.

Precision livestock farming, monitoring & analytics.

Drones and satellites.

Marketplace operators.

Biostimulants and Biopesticides

Microbials.

Biochemicals.

Semiochemicals.

Natural biostimulants and pesticides.

Mineral-based pesticides.

Plant Incorporated Protectants (PIP).

Biotic agents.

Natural Fertilizers

Biofertilizers

Nitrogen-fixing.

Phosphate.

Plant Growth Promoting Rhizobacteria (PGPR).

Compost.

Organic

Animal-based.

Plant-based.

Mineral-based.

Livestock Biotech.

Genetic Engineering.

Precision breeding.

Vaccines and drugs.

Feed Additives.

Other markets including nanobubbles, agrivoltaics and CO2 capture and utilization.

Market drivers, trends and challenges.

Funding and investments 2020-2023.

Market maps per sector.

SWOT analysis, by market.

Global revenues to 2034, by technology areas and regions.

Profiles of >600 companies in AgriTech. Companies profiled include AeroFarms, AFINGEN-?, AgBiome, AgBoost, Agragene, AgriWebb, Anuvia, Apeha.Bio, Arcadia Biosciences, Ascribe Bioscience, Ascus Biosciences, BASF, Bayer, BeeHero, Benson Hill, Biocentis, Bioceres Crop Solutions, BioConsortia, Biotangents, Breedr, Brightseed, Brotherton Seed Company, Ceradis, CINIS Fertilizer, Corteva, Cromptix, Cytophage Technologies, Dahlia Robotics, Enko Chem, Epicrop Technologies, Farmers Edge, FutureFeed, Gardin, Ginkgo Bioworks, Grace Breeding, Growcentia, GrowX, Halter, Hester Biosciences, Holganix, Infarm, Isagro SpA, John Deere, Kamterter, Kaiima, Koppert Biological Systems, Kroger, Kula Bio, Marrone Bio Innovations, Mazen Animal Health, Microendo, Microprep Technologies, MoA Technology Ltd, MyForest Foods, N-Drip, NanoSUR, Nitrogenics, NVIDIA, Phospholutions, Phytoform, Pivot Bio, PlantArcBio, Plenty, Pluton Biosciences, Puregene AG, Reazent, Resurrect Bio Ltd., Rizobater, RNAissance, SaliCrop, Sea Forest, Seipasa, Semios, Sigma AgriScience, Solasta Bio, Takara Bio, Tevel Aerobotics Technologies, TL Biolabs, Tracegrow, TrueAlgae, Vestaron, Vive Crop Protection, WeedOut, Wyvern, Yield 10 Bioscience and Zymergen.

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