

Corporate History of Green Insight Japan Co., Ltd. (Including R&D Activities)

January 2005

Initiation of patent filings with Hirokazu Kobayashi (then Professor, University of Shizuoka) as inventor (A total of 13 patent applications have been filed to date)

August 2020

Establishment of Green Insight Japan Co., Ltd., a university spin-off venture from the University of Shizuoka

Registered in Shimizu-ku, Shizuoka City, Japan

Capital: JPY 1,000,000; Board members: 2

December 2020

Selected for the Shizuoka Prefecture University Spin-off Venture Acceleration Program (Total funding: JPY 5 million over 2 years)

Research Theme: Commercialization of leafy vegetables with enhanced photosynthetic capacity, sugar content, and functional bioactive compounds

December 2020

Conclusion of joint research agreements with the University of Shizuoka

Research Themes: Genome editing of vegetables and tea plants

Genome editing of tea and related species

Evaluation of functional components in vegetables

December 2020

Conclusion of a commissioned research agreement with Tokoha University

Research Theme: Genome editing knockout of *SUG* gene family responsible for chlorosis in Brassicaceae vegetables

December 2020

Agreement on collaborative R&D with Sprout Club Co., Ltd. (Numazu, Japan) and Plantx Corporation (Tokyo, Japan)

Research Theme: Value enhancement of leafy vegetables

March 2021

Initiation of collaborative research with the Center for Plant Science Innovation, University of Nebraska–Lincoln (USA)

Research Theme: Cultivation of biologics-producing genetically modified organisms (GMOs)

July 2021

Conclusion of joint research agreement with the University of Shizuoka

Research Theme: Genome editing of vegetables and tea plants

Conclusion of commissioned research agreement with Tokoha University

Research Theme: Introduction of genome editing vectors into broccoli and evaluation of resulting phenotypes

February 2022

Conclusion of joint research agreement with Nara Institute of Science and Technology

Research Theme: Plant-based production of biopharmaceuticals

July 2023

Selected for the Shizuoka Chamber of Commerce and Industry New Industry Development Support Program (Grant: JPY 600,000)

Research Theme: Utilization of functional compounds in plant cultivation nutrient solutions

September 2023

Selected again for the Shizuoka Prefecture University Spin-off Venture Acceleration Program (Grant: JPY 5 million)

Research Theme: Design and prototyping of competitive tea seedlings (e.g., low-caffeine varieties) using genome editing

September 2023

Conclusion of joint research agreement with the University of Shizuoka

Research Theme: Molecular biological approaches to genome editing of tea plants

March 2024

Selected for the Tokai Industrial Technology Promotion Foundation Research Grant (General Development Category) (Grant: JPY 2 million)

Research Theme: Development of genome-edited tea plants with enhanced aroma compounds for global markets

April 2024

Conclusion of joint research agreement with the University of Shizuoka

Research Theme: Development of genome-edited tea plants with enhanced aroma compounds for global markets

February 2025

Conclusion of a joint patent application agreement with Sprout Club Co., Ltd.

Title of Invention: Method and system for production of isothiocyanates

February 2026

Qualified for participation in Japanese government competitive bidding (general and selective tenders), Valid through March 2028

Prepared on: March 26, 2026