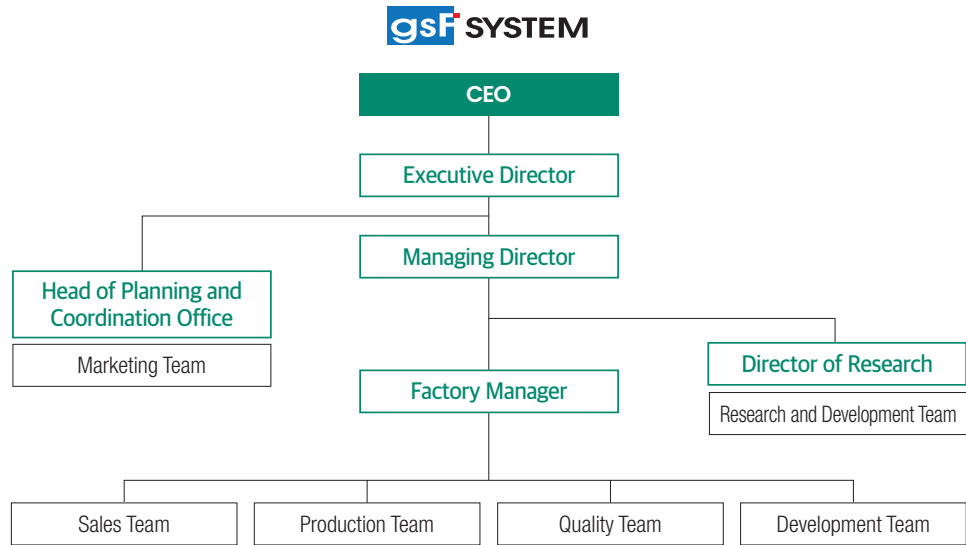




Organization .



Management Philosophy .



We make human life healthy and happy



Contribute to the development of beloved humanity.



Love, Creation, Passion.
Happiness comes only after the hardest moments as always.

Certification .



Patents

2 domestic registrations / 8 applications / 5 overseas applications (US, EU, JP, CN, SA) / 5 PCT applications

Brands

3 domestic registrations

Awards

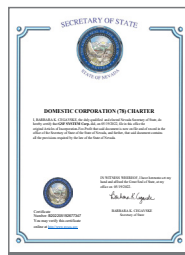
Commendation from the Minister of SMEs and Startups and Gyeongsangnam-do Governor / Commendation from the Mayor of Changwon / CES 2023-2024 Innovation Award

Copyright Registrations

9 domestic registrations

Company certifications

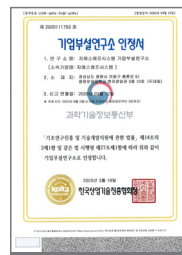
US corporation / Technology research center / Venture company / Performance sharing company / Performance sharing company ISO 9001, ISO 14001



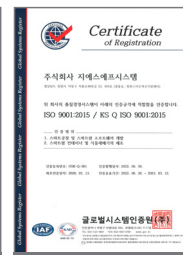
US corporation



Venture Business Confirmation Certificate



Corporate Research Institute Certificate



Certificate of Registration ISO 9001



Certificate of Registration ISO 14001

ESG .

MineFarm is a smart farm brand of GSFS Corp. Makes human life healthy and happy. We solve the sustainability crisis we face and open up new possibilities through continuous technological innovation for more advanced agriculture.



Reduction of Carbon Emissions

Reduction of food waste = Reduction of greenhouse gases
70% of food waste is generated from households and small restaurants



Protect Environment

Waste nutrient solution discharge is less than 1%
15.2 billion tons of agricultural water per year (61% of the total)



Saves water resources

1.2% of water use compared to hydroponics
World Meteorological Organization (WMO)

Environment Earth

Reduction in power consumption	55%
Reduction in water consumption	98%
Zero waste drain	ZERO



Social People

Hiring senior population

Respecting gender and diversity when hiring

Community Collaboration

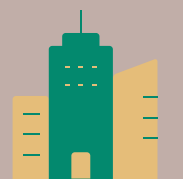


Governance Norms

Ethical company norms

Board of directors made up of many employees

Anti-corruption through anonymous reporting



The world's largest joint international initiative 'Sustainable Development Goals (SDGs)'

Enhancing Food Security and Sustainable Agriculture

Ending hunger, achieving food security, improving nutrition, and strengthening sustainable agriculture.

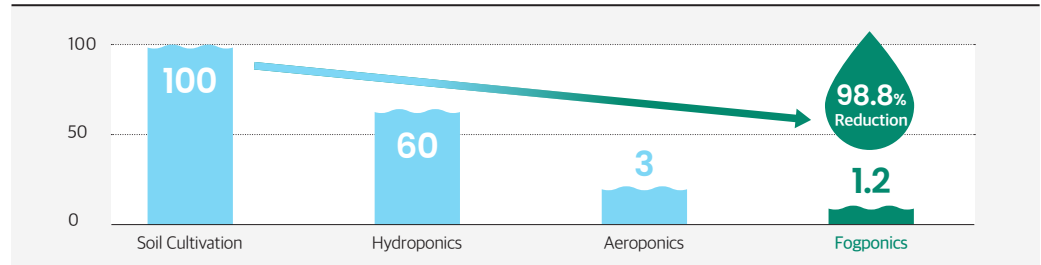
Promoting Sustainable Industrial Innovation

Building resilient infrastructure, promoting inclusive and sustainable industrialization, and fostering innovation.

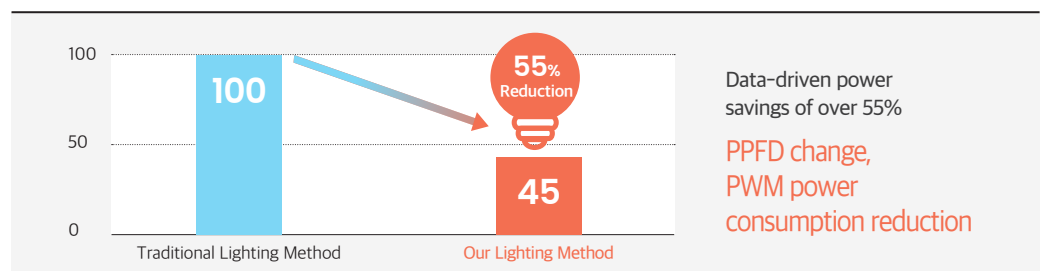


Solutions .

Water Usage by Agricultural Method

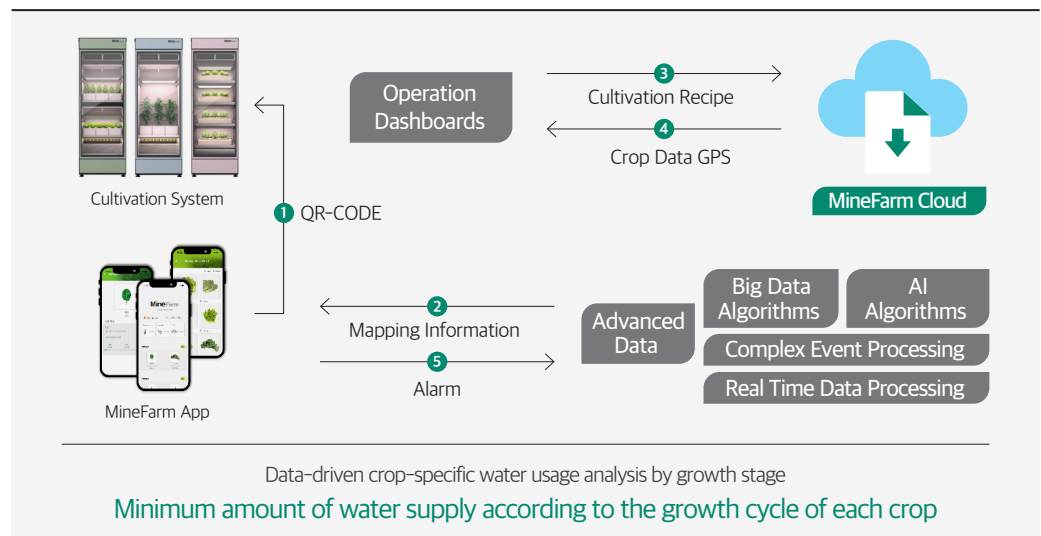


LED Electricity Consumption

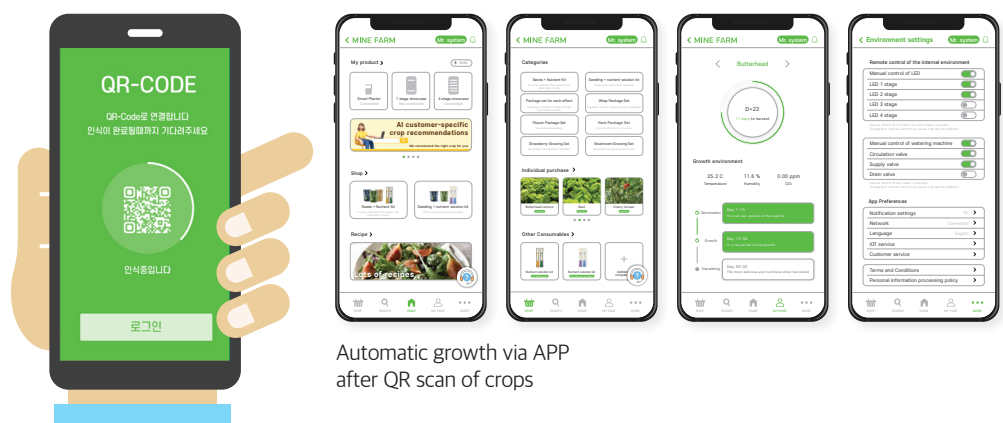


Fogponics Cultivation System

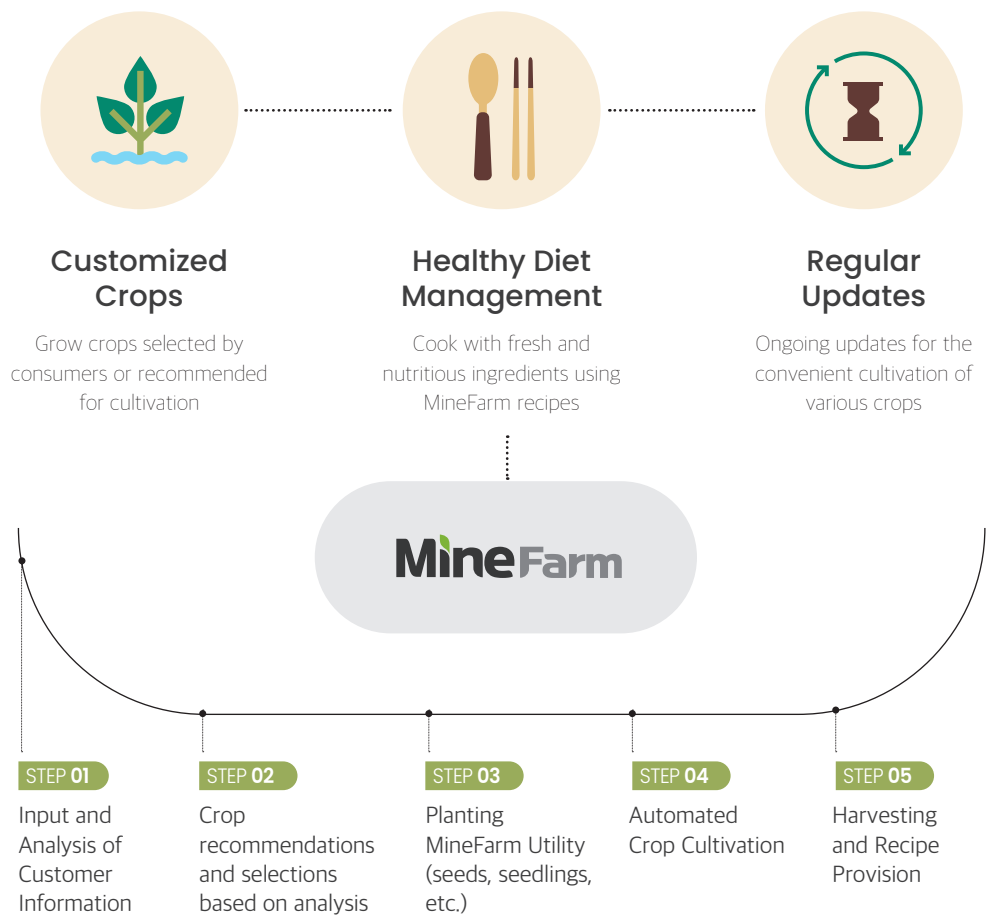
Enhanced crop growth rate, 98% reduction in water usage



Smart automatic growing system .



Health Solutions Products for Customers .



Various ways to use MineFarm .



Home
Growing and eating fresh vegetables



Research and Development
Utilization for various research and development through rapid growth



Various Ingredients
Used as ingredients for various products such as cosmetics



Supermarket
Selling ultra-fresh vegetables from ultra-close distance



Education
Use as smart farm education for children, teenagers and the elderly



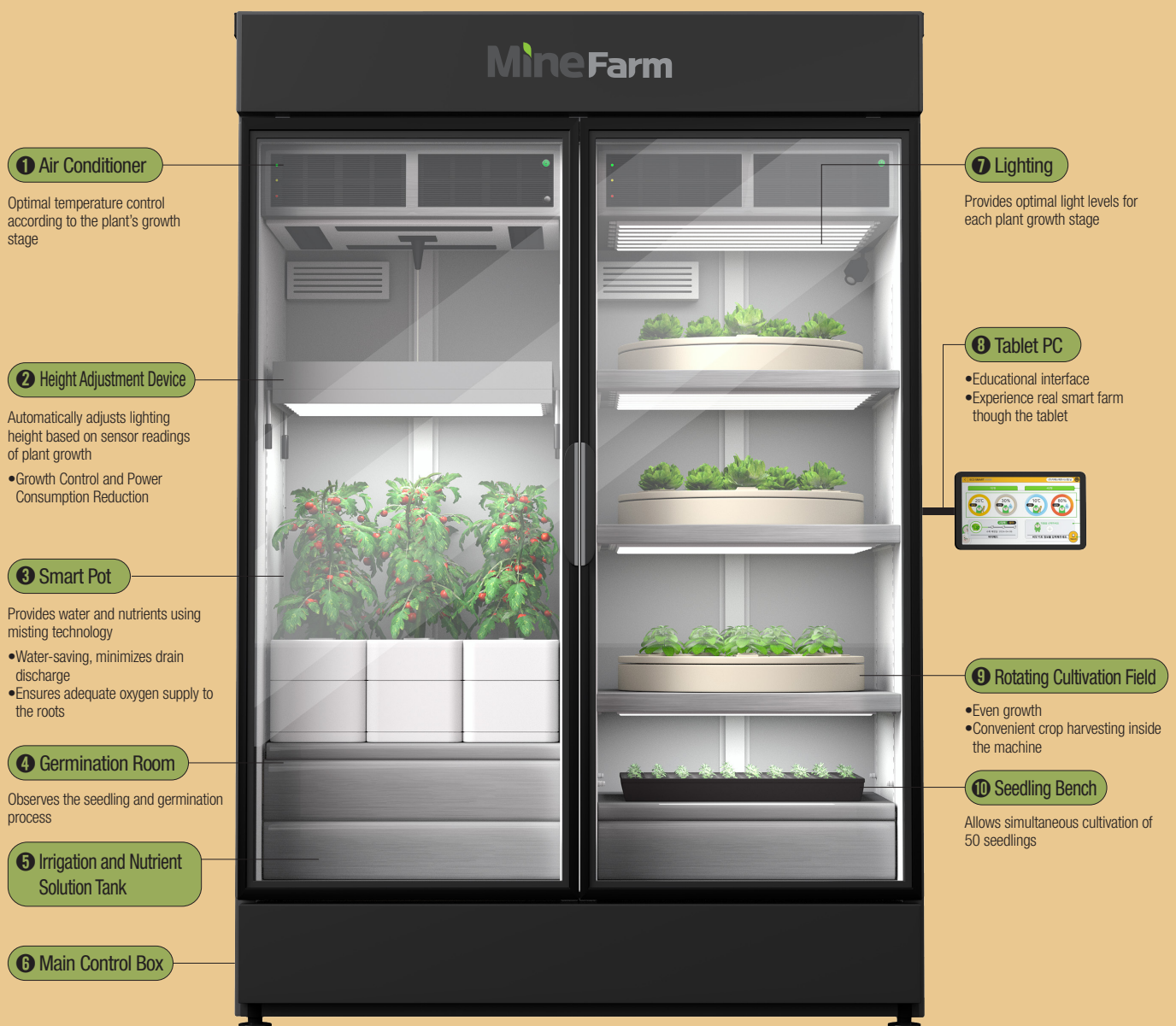
Restaurant
Easing the cost burden of fresh vegetable price

MineFarm

Showcase

An indoor plant cultivation device for cultivating various crops of your choice. Providing the Optimal Growing Environment for Rapid Growth and High Quality, with Easy Use.

Product Components



MineFarm Showcase

MineFarm Every



MineFarm Horizontal



MineFarm Green



MineFarm Single



MineFarm Sprout



MineFarm Seedling Cultivator



MineFarm Smart Pot



Subscription Model (Seedling + Nutrient Solution)



MineFarm

Vertical farm

By controlling all environmental parameters, we create the optimal conditions for crop growth. An automated system is utilized from sowing to harvesting and packaging, reducing labor and improving efficiency.



01

Stable Year-Round Planned Production

Stable cultivation regardless of weather conditions or temperature fluctuations through indoor environmental control

02

Safe Pesticide-Free Food

Consumption of pesticide-free food without concerns about residual pesticides or heavy metal contamination in soil and water

03

High quality with high marketability

- Zero Pest and Disease
- Increased Production Speed
- Year-round cultivation

04

Cultivation management system ensures zero pests and diseases.

- High-Value Crops Included
- Capable of cultivation various crops

Nutrient Solution Depletion System

LED Power Saving

Fogponics Cultivation

Automated Harvesting System

Vertical Farm Configuration



APMS, Monitoring, Environmental Management
(Fully automated management through computer systems)

Cultivation Crop List

European-style Lettuce & Salad Vegetables



- 01 Bok choy
- 02 Butterhead
- 03 Kale
- 04 Marilisa
- 05 Perilla Leaf
- 06 Romaine
- 07 Radish Sprout
- 08 Basil
- 09 Oak Leaf
- 10 Chicory
- 11 Lettuce
- 15 Ice Plant

Mushrooms

- 13 Oyster Mushroom
- 17 Shiitake Mushroom

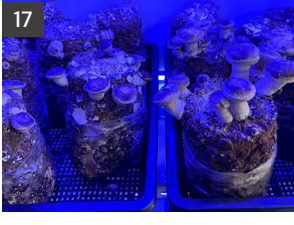
Fruit vegetables



- 12 Pepper
- 14 Cherry Tomato
- 16 Cucumber
- 18 Strawberry

Specialty Crops

- 19 Ginseng
- 20 Saffron

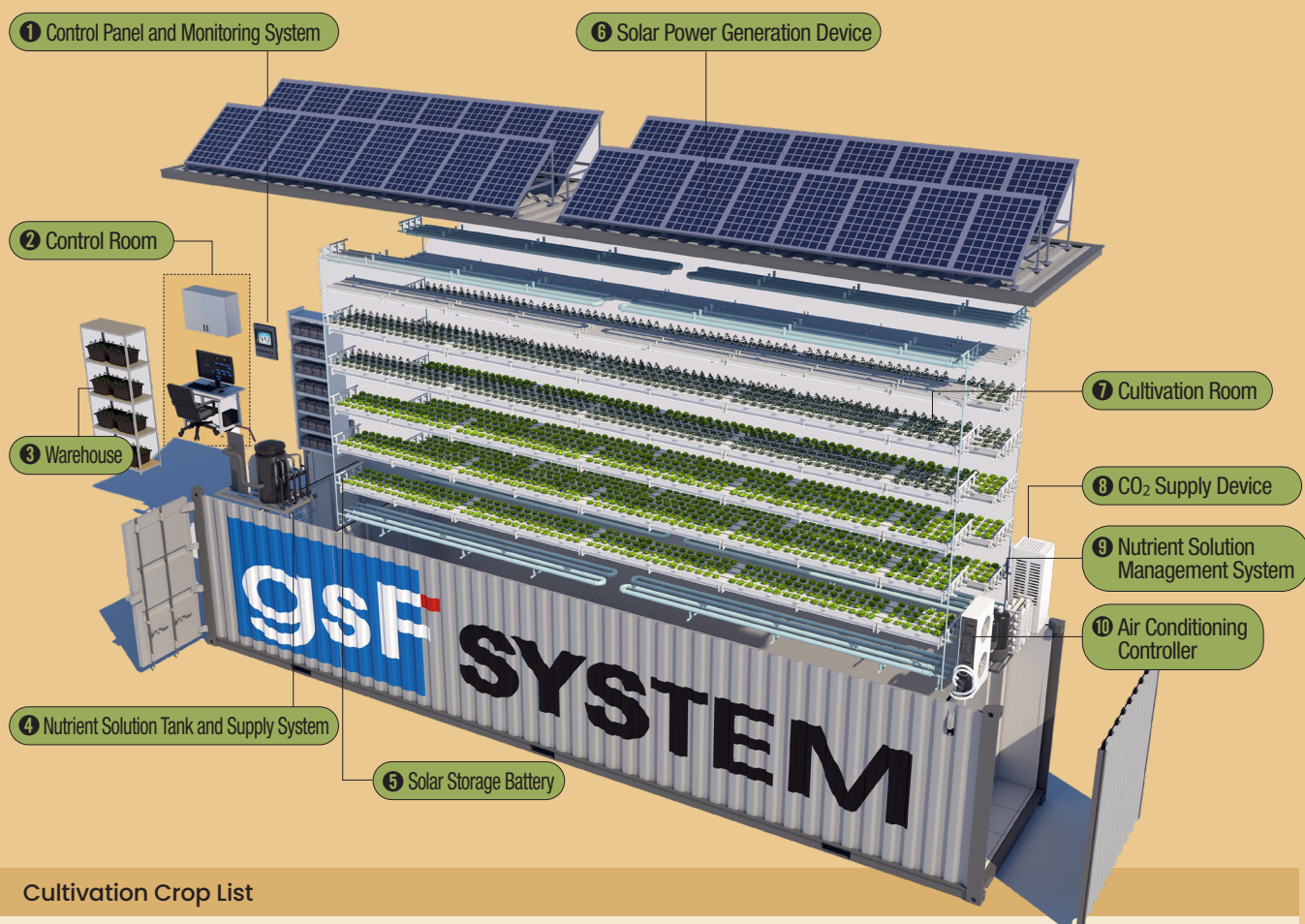


MineFarm

Container

Deploy the MineFarm in challenging environments where soil cultivation is limited or requires high facility costs, ensuring high productivity with low maintenance.

Product Components



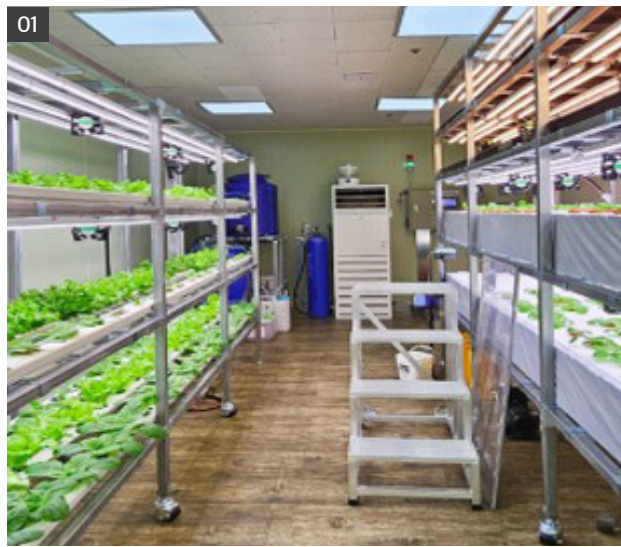
Cultivation Crop List

Butterhead	Romaine	Bok Choy	Lollo Lettuce	Chicory	Oak Leaf Lettuce	Kale	Celery	Lettuce	Ice Plant	Chard	chives
Mustard greens	Water Spinach	Crown Daisy	Thimble	Quore	Teide	Batimer	Multired	Multigreen	Green Glace	Perilla Leaf	Wasabi
Radish Sprout	Coriander	Arugula	Sorrel	Dill	Thyme	Peppermint	Lemon balm	Basil	Rosemary	Parsley	lavender
Sunflower	Saffron	Cornflower	Hemp	Kohlrabi	Carrot	Pepper	Cherry Tomato	Strawberry	Cucumber	Ginseng	Mushroom

Implementation Cases

Vertical Farm Construction

01 Gunpo-si,
Gyeonggi-do



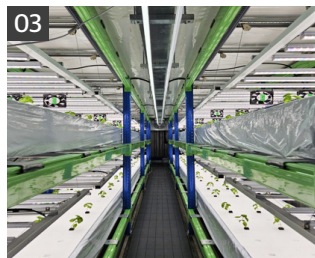
Showcase Farm + Cultivation Education

02 Seongdong-gu,
Seoul



Construction of 6 Container Farms

03 Jinan-gun,
Jeollabuk-do





gsF SYSTEM

☎ 82-55-715-5777

📠 82-55-715-5778

✉ admin@gsfssystem.co.kr

www.gsfsystem.kr

