

Shin-yokohama LED Vegetable Garden

A totally different “Open-to-see Vegetable Factory”

The large scale Vegetable Factory got operational in Shin-yokohama located at the entrance gate of port town, Yokohama

Changing the conventional image of closed plant factory, we can show the leading agricultural technology as an open space of communication where cultivation method and know-how can be seen openly.

We named the vegetables produced in this open Plant Factory as “HAI-KARA YASAI” brand and sold them to local restaurants and stores, and further distributed to various places in Yokohama.

Our effort of reducing “Food mileage” has just begun with aim to have the production function in urban cities of mass consumption.



Outline of Vegetable Cultivation Facilities

- Location: Nara-Kensetsu 4F,1-13-3 Shinyokohama,kouhoku-ku,Yokohama-city.
- Construction completed: February 1,2013
- Building Space:72.92m² (22.1 Tsubo)
- Cultivation unit:AGRI Oh! 5Shelves 12unit
- Production Capacity:Green reef, Monthly production of 15,000plants
- Cultivation Enviromental Control System (CO₂ control System, Temperature Adjustment System)/Pesticide control lamp Circulator(electric wind-blowing machine)/Space for cleaning the construction material)

Cultivation Flow



To seed in the seeding area gently and hygienically by using a pincette.



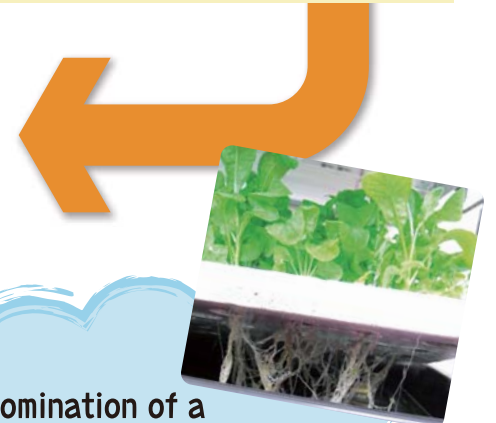
To plant in the cultivation shelf area after 2 weeks of seeding.



To harvest in conformity with the shipment method.



The harvested vegetables are immediately displayed in the store, and consumed in restaurants as a menu.



the combination of a newly developed LED cultivation light source and hydroponic cultivation system has achieved technological innovation in plant factory cultivation units.