

Napperland™

Napperland™ provides support for agricultural businesses enabling users to freely conceive their own approaches.

Napperland™ supports highly-profitable agricultural businesses that are achieved by ascertaining trends in consumer dietary life and purchasing, and strategically determining productions and shipments.

Napperland™ enable such precise scheduled yet flexible productions, and thereby realize higher productivity and profitability.



Napperland™ is a new hydroponics system integrating capillary hydroponics and NFT. It enables planned production without being affected by the natural environment

- Capillary hydroponics provides a rich supply of O₂ to the rhizosphere to raise healthy vegetables (Photo (1)).
- Germination rate and uniformity are outstanding with the special-purpose culture medium Baidon e (Photo (2)).
- Risk of disease is reduced by using the block division system (Photo (3))
- Planned production (for spinach, the standard performance is 19 crops a year (using Naeterasu) (or 16 crops a year using Sun Shower).
- Can also handle shipment of fixed amounts.
- An environmentally-friendly system with no excess discharge of fertilizer.
- Low nitrate cultivation for safety and peace of mind.



Photo (1): Adequate supply of oxygen to roots



Photo (2): Good quality seedlings with Baidon



Cultivation with the Napperland™ system



Photo (3):
A block division system for easier cultivation of multiple varieties



The possibilities are limitless.

A highly diverse range of leafy vegetables can be cultivated with Napperland™ to suit any taste.

Napperland™ began with spinach, but can also be used to grow many other varieties in response to market trends, such as bok choy, arugula, and romaine lettuce. About 60 types of leafy vegetables are currently being cultivated. Naturally, popular herbs are a strong point. Leafy vegetables not currently on the market, but which you want to try growing, will surely join the circle of Napperland™ in the near future.

Main cultivation examples



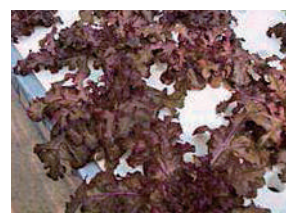
Komatsuna
(Japanese mustard spinach)



Peppermint



Coriander



Red oak lettuce



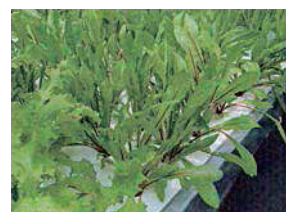
Green mustard



Fringe green lettuce



Spinach



Red stem chicory



Butterhead lettuce



Red mustard



Wild rocket



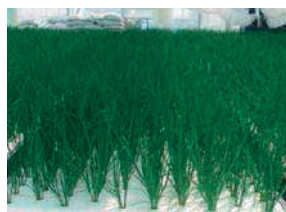
White celery



Watercress



Mini bok choy



Small green onion



Leaf lettuce



Italian parsley



Chervil



Chard



Korean lettuce



Mizuna
(Japanese mustard greens)



Arugula



Tsukena greens



Green romaine lettuce

