

## **Hydroponics System Market in Japan: Key Research Findings 2013**

### ◆ **Research Outline**

**Yano Research Institute has conducted a study on the domestic hydroponics system market with the following conditions:**

1. Research period: From June to October, 2013
2. Research target: Companies in the business of greenhouses, hydroponics systems, liquid fertilizers, leading horticulture producers, related organizations and municipal offices
3. Research methodologies: Face-to-face interviews by the expert researchers, surveys via telephones, and literature research

#### **What is the Hydroponics System Market?**

Hydroponics is a method of growing plants using mineral nutrient solutions dissolved in water, without soil. The hydroponics system in this research includes some devices necessary hydroponics, and includes those growing items such as fruit vegetables, green vegetables (herbs), root vegetables, and flowering plants.

### ◆ **Key Findings**

#### ■ **Hydroponics System Market in 2013 is Prospected to Attain 8,416.0 Million Yen, 103.5% of Size of Previous Year**

The hydroponics system market in 2013 is likely to expand to 8,416.0 million yen, 103.5% of the size of the previous year, based on the shipment value from manufacturers. The hydroponics systems draw attention due to its potential of solving many of the difficulties that domestic agricultural businesses and farm houses are facing, such as lack of future successors and keeping stable profits.

#### ■ **Despite Cost Issue, Hydroponics Systems Enable Rear-Round Cultivation, Greater Production Efficiency and Highly-Fresh Agricultural Products Shipment**

Adoption of a hydroponics system brings about year-round cultivation, which attains higher product efficiency per acre and shipment of fresher agricultural products. On the other hand, however, the costly initial introduction expenses of the system hamper the farm houses from recovering costs at an early stage, so that they need to ensure stable profits by selling products.

#### ■ **Hydroponics System Market in 2014 Expected to Achieve 8,657.0 Million Yen, 102.9% of Size of Previous Year**

The hydroponics system market in 2014 is likely to achieve 8,657.0 million yen, 102.9% of the size of the previous year, based on the shipment value from manufacturers. It seems that the hydroponics systems domestically spread in closed-down ruins of schools and factories. In overseas, there are moves of spreading the systems in China and South-east Asian countries, where demands for hydroponics are prospected to increase.

◆ **Report format:**

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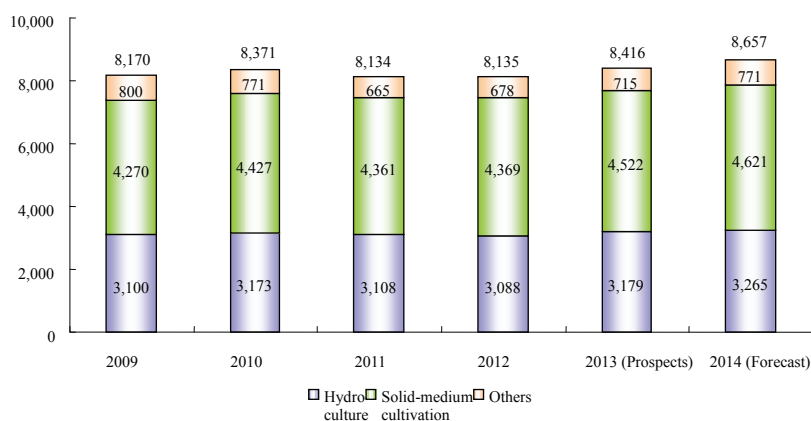
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■ **Figure 1: Transition of Market Size of Hydroponics System**



Estimated by Yano Research Institute

Notes:

1. The figures are based on the shipment value of manufacturers.
2. The hydroponics system in this research includes some devices necessary hydroponics, and includes those growing items such as fruit vegetables, green vegetables (herbs), root vegetables, and flowering plants.