



ECO-INNOVATION
WHEN BUSINESS MEETS THE ENVIRONMENT

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Fresh vegetables for local market D4.3

Ecoponics

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Project website: <http://aquaponics.is/ecoponics/>



Fresh vegetables for local market

Svinna-verkfraedi ehf has in collaboration with the University of Iceland tested several types of vegetables in the aquaponics pilot units. The results show that both several types of leafy greens and fruity plants grow well in the systems. However, some types of plants have not been showing good results, e.g. strawberries and rucola have not been doing well and the first tests with aubergine and cucumber were not promising. The best results so far have been obtained with basil, mint, most tested salad types including Asian types such as water cress and spinach and okra. Moreover, tomato and pepper plants have shown good results.

The products have been distributed to consumers for testing. The basil was extremely well accepted by the consumers. The leaves were big and beautiful. Also the mint, salad and okra were successful together with the tomatoes and peppers. The photos below show examples of produce.



Figure 1. The basil, mint and salad in the raft system.



Figure 2. Tomatoes and peppers in the grow bed system.

Logo and dried products for marketing aquaponics

A logo for Aquaponics.is has been designed, see Fig. 3. Fresh products have been sent to a trial group and were well received, especially the large basil leaves. Also the tilapia has been cooked and served for colleagues at the Ocean Cluster. Moreover, work has started on designing other products that can be related to aquaponics such as basil cookies and tea. Dried mint was marketed towards a test group as “Aquaponics.is mint tea” and was well received, Fig. 4.



Figure 3. Aquaponics logo



Figure 4. Fresh basil and mint and dried mint as Aquaponics.is mint tea.

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