

既設屋上空間の 菜園化システム開発に関する実験報告

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Report on the result of practical experiment
for developing of conversion system from rooftop space to rental farm garden

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【Abstract】

Recently, roof top spaces of buildings in urban area have been thought as important spaces for promotion of greenery. So, some local governments have begun to put owners of building under the obligation of making their own building rooftop greenery.

However, because the environment of these spaces are very severe for plants, owners of buildings have to pay much cost for planting and maintaining of these plants and they are liable to select plants which is easy for maintenance, not beautiful. If all rooftops are covered with these plants, these spaces would be unattractive spaces.

In spite of these situations, the roof tops of buildings have much potentialities for being used as attractive spaces where many citizens in urban area will be able to enjoy not only gardening but also harvest of vegetables.

So, we have developed conversion system from rooftop space into rental farm in simple and economical way, and have made practical experiment on the some buildings.

In this report, we introduce the result of this experiment and the possibilities and problems to be solved of this system.