

Roof garden- A small approach towards feed the city

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The study was conducted at roof top of Horticulture Research Centre (HRC), Bangladesh Agricultural Research Institute (BARI), Gazipur during July 2016 to June 2017 to evaluate the suitable model for year round vegetable supply to the city dwellers. Nine Treatments viz., T1= Plastic box 1, T2= Plastic box 2, T3= Plastic box 3, T4= Plastic box 4, T5= Plastic box 5, T6= Plastic box 6, T7= Plastic box 7, T8= Half drum, T9= Sac/Multilayer box and three roof top garden models viz., Model 1, Model 2, Model 3 were included in the study. Each model consists of 22 type vegetables. Considering the 3 models, there were a narrow difference in term of vegetable yield and prices.

The main cause behind it was the number of vegetables were same (22) in all models. Just rearrange the vegetables within the treatments and type of production system viz., single cropping, inter cropping and relay cropping. So, on a roof garden from a 10 m² / 100 ft² area, anybody can follow any model preferably Model 1 and Model 2, which vegetable price (2270 tk) and yield (73 kg) were higher, respectively. This study was just 1-year result, so after another year trial it may be concluded which model is best in terms of yield and price to feed the city dwellers.

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