

URBAN AGRICULTURAL  
PRODUCTS TO SUIT  
URBAN LIFESTYLE

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In an observation in a Malaysian context, most projects on urban agriculture are concentrating in medium to big scale production but not in small houses or area such as small to medium accommodation settings. Due to this situation, urban agricultural products should be designed for urban dwellers to facilitate them to plant edible plants in their own house compound to meet food demand and supplies. A research was carried out to justify the urban agricultural products that are relevant to the needs of the users in urban areas where it suits the current urban lifestyle for the outdoor as well as the indoor especially in an urban area that provides small living spaces. A Par-

ticipatory Design (PD) approach was used to reveal user needs according to their own house setting. The field study shown that the factors that influence product design are; 1; type of crops to be planted in urban environment, 2; typology of outdoor/indoor spaces for urban agriculture in Malaysia 3; user acceptance in the concept of urban agricultural products, 4; design ideas and guideline process to conceptualize the urban agricultural products and 5; gardening as a hobby. This project proposed a small scale urban agricultural product that is designed to comply according to the five factors; A modular do-it-yourself (DIY) system with an ease of installation and low maintenance.





