

# Urban Agrischool: Greenhouse

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## INTRODUCTION

Urban Agrischool module is a module aimed at educating students on agriculture focusing on the appealing side of urban agriculture. Lack of interest for the younger generations to be involved in agriculture was partly due to it being perceived as being the 3D: difficult, dangerous and dirty. The module is also aimed at **changing the 3D perception to a more positive perception.**

Food security issues continue to be an important issue discussed in Malaysia. Through this program, it is hoped that education can be given earlier on the importance of agriculture so that students would develop ideas on how they can contribute to agriculture sector not only as farmers, but as agricultural engineer, scientist etc.

## INVENTION

An Urban Agrischool program was envisioned to educate students on modern agriculture focusing on urban farming methods. A student's booklet and an instructor's booklet were developed for this Urban Agrischool: Greenhouse module. The module includes activities such as drawing and building models. Students were tested on their current knowledge on greenhouse, draw an imagination of greenhouse and finally work in small groups to build greenhouse models with provided stationeries and recyclable material.

An added value activity under this module is an actual prototype greenhouse was built and students get to experience nurturing plants from sowing seed until harvesting for one season. The growths were recorded, and their experience was recorded in a student's booklet given during the program.

## ADVANTAGES

- **Commercial applications:** The module can also be used for CSR and training purposes upon requests.
- **Perceived advantages and benefits:** This module was developed to educate younger generations on the modern agricultural aspects. Participant's motivation towards venturing into agriculture is expected. The program is also intended for promoting partner's products and specialty.
- **Unique Selling Points:** Urban Agrischool modules are specifically aimed at school students with the added value of prototype for independent and continuous learning for the school. The module can be adapted for other target group such as rural community or CSR activities.

## MARKET POTENTIAL

- Schools all over Malaysia
- Industry partners that want to perform their corporate social responsibility

*The Urban Agrischool program had been done for Orang Asli community for hydroponic module in 2019 and a greenwall module will be delivered in 2021.*



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