

Controlled-Environment Greenhouse



Agriculture, Fisheries
and Conservation Department

Newsletter-December 2005

Application of Greenhouses



From the Editor

The horticultural industry has become to appreciate more about the merits of CE Greenhouses while some ornamental nurseries prefer to use large and well-equipped CE Greenhouses to raise transplant seedlings to enhance their productivity. Small and modified CE Greenhouses for growing edible fungi are also very attractive to farmers. Two types of CE Greenhouse are illustrated below.



One well-equipped CE Greenhouse about 400 m² at Loi Tung is mainly used for raising transplant seedlings of potted plants.



External view



Internal View

The water pad is used for lowering of the temperature and increasing of the relative humidity.



Large ventilating fans enhance the air ventilation.



Seedlings grow vigorously inside the CE Greenhouse



A control panel of the environmental control devices



During the past few months, the Horticulture Section of Agriculture, Fisheries and Conservation Department has introduced the adaptation of small CE Greenhouse for edible fungi production. The trial demonstration has been well received by many growers and interested public.



A small CE Greenhouse is modified as a mushroom cultivation house by covering with shading material to adjust the light intensity inside. The area is about 10 m².



Equipped with a small ventilating fan to enhance air ventilation.



Mist sprayers for adjusting the humidity and the temperature.

AFCD Home Page
<http://www.afcd.gov.hk>

For more information and visits to greenhouses, please contact:
Crops Development Section,
AFCD (Tel: 2668 0295)