



GREENHOUSE MATERIALS  
MANUFACTURER

# CONTENT 目录

<b>01</b> >>	Company Profile	<b>02</b> >>	Plastic-Film Greenhouse
<b>03</b> >>	Polycarbonate Greenhouse	<b>04</b> >>	Glass Greenhouse
<b>05</b> >>	Tunnel Greenhouse	<b>06</b> >>	Light Deprivation Greenhouse
<b>07</b> >>	Greenhouse Systems	<b>08</b> >>	Our Cases
<b>09</b> >>	Our Certificate		

# COMPANY PROFILE



# 01



## PLASTIC-FILM GREENHOUSE

# 02



### Brief Introduction:

Plastic film greenhouse, cost-saving and convenient to use. It have great space -efficient performance and strong ventilation ability. It also provides fruits and vegetables with most suitable conditions and protects them from insects and cold. All structure can be used for more than 15years.

### Structure and Configuration:

Hot-dipped galvanized steel materials.

Arch Roof Structure.

Single Span Width: 5~10m

Single Bay Width: 4m

Height of Greenhouse: 4m~8m

Note: The size and height of greenhouse is defined by require-ment of our clients.

## POLYCARBONATE SHEET GREENHOUSE

# 03

### Brief Introduction:

The Polycarbonate Greenhouse is specialized by the fashionable appearance, beautiful and stable structure, great light-transmitting performance and low thermal conductivity. The design is with 3 roofs and double slopes every span. And the greenhouse is can be used for exhibition, seedbreeding, flower and vegetable and market or mall, ecological restaurant, etc. It can be used for more than 20 years.

### Structure and Configuration:

Hot-dipped galvanized steel materials.

Venlo Type or Arch Roof Structure.

Single Span Width: 9.6m/10.8m/12m

Single Bay Width: 4m

Height of Greenhouse: 4.5m~8m

Note: The size and height of greenhouse is defined by requirement of our clients.



# GLASS GREENHOUSE

# 04



### Brief Introduction:

The Glass Greenhouse is characterized by high -light-transmitting rate, beautiful appearance, simple construction and stable structure, suitable for the plants of great demands for sunlight. The design is with 3 roofs and double slopes every span. And the greenhouse is can be used for exhibition, seed-breeding, flower and vegetable and market or mall, ecological restaurant, etc. It can be used for more than 20 years.

### Structure and Configuration:

Hot-dipped galvanized steel materials.

Venlo Type

Single Span Width: 9.6m/10.8m/12m

Single Bay Width: 4m

Height of Greenhouse: 4.5m~8m

Note: The size and height of greenhouse is defined by requirement of our clients.

05



#### Brief Introduction:

Tunnel Greenhouse, simply installed, is frame by galvanized pipes, it is good for the mechanical operations, and it can be used for the seed-breeding and planting of flower and vegetable.

#### Structure and Configuration:

Hot-dipped galvanized steel materials.

Arch Roof Structure.

Single Span Width: 5~10m

Single Bay Width: 1~2m

Height of Greenhouse: 2.5m~4m

Note: The size and height of greenhouse is defined by requirement of our clients.

## LIGHT DEPRIVATION GREENHOUSE

# 06

### Advantage:

Light deprivation greenhouses, also known as all blackout green-house. Refers to the installation of an all-black system frame in the original greenhouse skeleton to create a black, breathable interior environment. The system is flexible and can be electrically controlled.

### Application:

All-black system can be installed in any type of greenhouse, which is simple and easy to operate. It can be used for crops that require an all-black environment, such as cannabis, mushrooms and other crops.

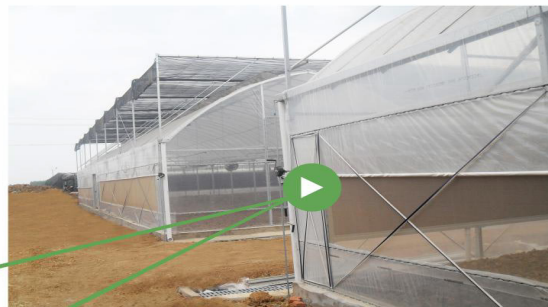


# GREENHOUSE SYSTEMS

## 07

### Ventilation system

- Manual and Electric ventilation system.
- Rack-Pinion and Roll-up ventilation.
- Roof and side ventilation.
- .....





# GREENHOUSE SYSTEMS

## 07



### Shading system

- Inside and outside shading system.
- Rack and Pinion connected.
- Stable and durable.



### Cooling system

- Exhaust fans and Cooling Pads.
- The exhaust fan eject the air from the greenhouse, negative pressure formed in the greenhouse.
- The air enters the greenhouse through the cooling pads, resulting in the effects of cooling, moistening and air-dedusting.

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# GREENHOUSE SYSTEMS

## 07

### Heating system

- The heating system of greenhouse refers to a set of suitable heating facilities chosen to meet the heating demands, consisting of heating source, heating-radiating facilities, heating-transmitting facilities.



### Thermal Insulation system

# GREENHOUSE SYSTEMS

## 07

### Irrigation system

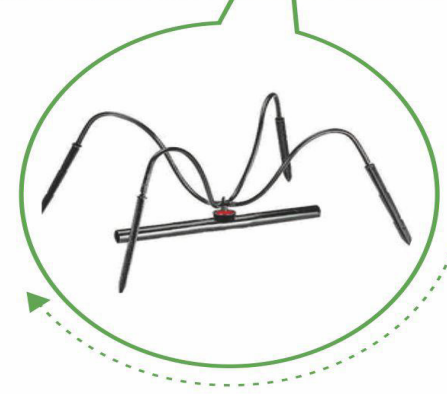
• Ordinary Fertilizer



• Intelligent Fertilizer



• The Spray Irrigation



• The Drip Irrigation

# GREENHOUSE SYSTEMS

# 07

Hydroponic system





CO<sub>2</sub> Generator



Grand Fabric



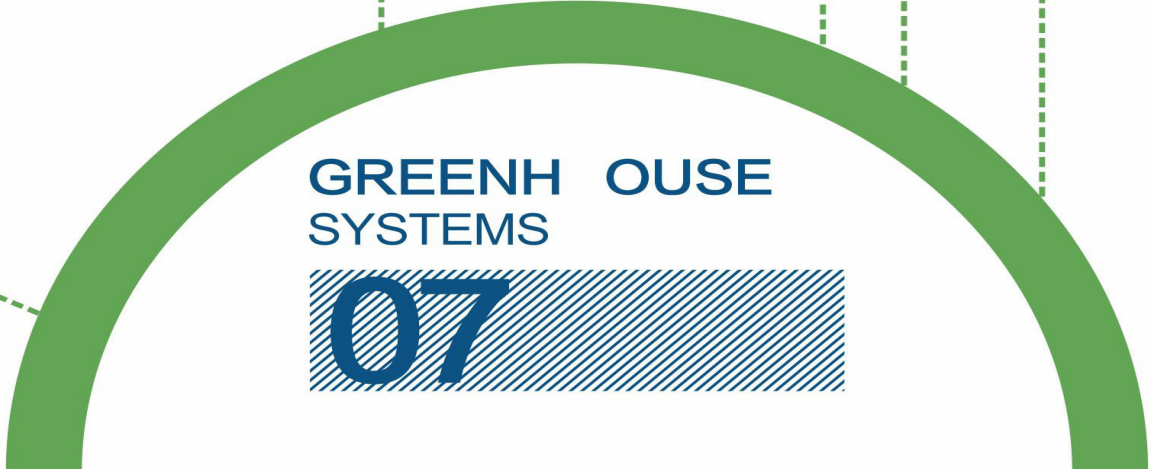
Control system



Seedbed system



Lighting system



GREENHOUSE SYSTEMS

07

# GREENHOUSE PROJECT CASES

## 08

Plastic-film Greenhouse in Uzbekistan



Polycarbonate Greenhouse in France



Tunnel Greenhouse in Japan



Blackout Greenhouse in America



Plastic-film Greenhouse in China



Plastic-film Greenhouse in Dubai



Glass Greenhouse in China



Plastic film in Uzbekistan



Light Deprivation Greenhouse in America



Hydroponic Greenhouse in Germany



Plastic film Greenhouse in Guizhou



Glass Greenhouse in Italy

