

## WARRANTY

In order to protect your interests and relieve your worries, our company provides you with high-quality warranty services!

1. The warranty period of this product: one year for the whole machine and 5 years for the main frame. Gifts are not covered by the warranty;
2. During the warranty period, if your machine fails, you can handle warranty matters with the warranty card and invoice;
3. If repair or replacement is caused by product failure (provided the product appearance is not damaged), the company will handle it in a timely manner after receiving the repair report;

## WARRANTY CARD

Product Name: \_\_\_\_\_

Specifications and models: \_\_\_\_\_

Production Date: \_\_\_\_\_

Inspector : \_\_\_\_\_

**This product has been inspected to meet the specified quality standards and is approved to sale.**

### ② Seedling cultivation and planting

1. Soak the seeds in warm water for 6–10 hours, or directly put the seeds into the cotton planting area for germination.

2. Firstly divide the planting cotton into small pieces along the tangential line and soak it in water. During the soaking process, you can squeeze it repeatedly to speed up the water absorption rate of the planting cotton;



3. Place the soaked cotton into the custom cup. Pay attention to place the grooved side of the cotton facing up. The bottom of the cotton fully contacts the bottom of the custom cup.



4. Place the soaked seeds at the bottom of the groove in the middle of the planting cotton. Generally, 2–3 seeds are planted in a custom cup. Those in the germination area can be put into the custom cup together with planting cotton after the seeds germinate.



5. Place the customized cups with seeds sown into the seedling layer to start growing seedlings. The seeds do not need light before they germinate. Pay attention to the seeds and turn on the fill light as soon as possible after they germinate.

6. When the seedlings have grown to about 4–5 leaves, move the seedlings together with the customized cups to the planting layer for growth. The vacant seedling layer can continue to grow seedlings.



### ③ Harvesting

The growth cycle of leafy vegetables is about 30 days, and the best picking period is 25–30 days.



### ④ Maintenance

\*Before picking up the seedling tray, remove the black rubber stopper first. Let all the nutrient solution stored in the seedling tray flow back to the large water tank before opening it. If the rubber plug is not pulled out and the seedling tray is picked up directly, the nutrient solution water stored in the seedling tray will certainly flow into the spray tank on the left. The spray tank must be stored as clean tap water. If the nutrient solution water flows into the spray tank, it will cause the spray head to be blocked.



1. After harvesting vegetables, clean the custom cups for reuse.
2. If there are free holes in the nursery layer and planting layer, please cover them with light-shielding covers to prevent the growth of green algae.
3. Planted cotton that has not germinated after nursery has bacterium and cannot be nursed again.
4. Please fully clean the seedling layer, seedling layer cover and custom cup before each seedling raising.
5. There is no need to add water or nutrient solution separately in the nutrient solution water tank and spray water tank. After the water in the water tank is used up, the machine will automatically alarm to prompt you to add water. After receiving the alarm signal, please add water in time. By the way, the nutrient solution addition ratio will not change.
6. The planting layer and water tank must be thoroughly cleaned every time the water is changed to prevent bacteria in the residual liquid from infecting the newly prepared nutrient solution. Before cleaning, turn off the power, remove the planting layer cover of each layer (can be removed together with the vegetables), start from the top layer with a rag and clean it in the direction of the water flow, and finally drain the residual liquid from the drain outlet, and then clean the water tank.

## FAQ

### 1. Will it consume a lot of power if the light stays bright?

The light source used in the fresh vegetable garden is a special light source specially developed for vegetable growth. It has the characteristics of high brightness and low energy consumption. The rated power of the fresh vegetable garden is 180W, and the lighting time can be freely adjusted according to the placement position.

### 2. What is the difference between ordinary lighting and vegetable growing lights?

Our LED vegetable growth lights use special phosphors, which are activated by a certain ratio. They are full-spectrum vegetable growth lights (1:1 simulated sunlight), which can provide the most suitable growing environment for vegetables. Ordinary lighting can only provide lighting and has little effect on vegetable growth.

### 3. Are the lights in the vegetable garden always on?

The fresh vegetable garden completely simulates the natural growth environment. It is illuminated during the day and the fill light is turned off at night, so that the plants can perform photosynthesis. The fill light can be set to different lighting times according to different usage environments. In an environment with no lighting at all, the recommended lighting time is 12 hours a day. Properly lengthening the lighting time can make vegetables grow better.

### 4. Why is it easy for green algae to breed in the nursery layer, and how to prevent it?

The three elements for algae growth are air, moisture and sunlight, so as long as the nutrient solution in the nursery layer receives light, green algae will grow. In order to reduce the growth of green algae, cover the space with the light-shielding cover provided by the machine when it is not being planted, and clean the machine in time.

### 5. What are the ingredients of nutrient solution? Will eating the vegetables that grow affect your health?

The nutrient solution is composed of 13 kinds of nutrients in large, medium and trace amounts required for vegetable growth. Nutritionally balanced, safe and reliable. This nutrient solution is more nutritionally balanced, richer, and tastes better than the vegetables grown through experiments, with no side effects. They are pollution-free vegetables certified by the Chinese Ministry of Agriculture.

### 6. How should the machine be maintained on a daily basis? What should you pay attention to during use?

The Fresh Vegetable Garden is a fully intelligent vegetable planting machine that is simple to operate and easy to care for. Clean it in time during use to ensure a clean growing environment for vegetables. The vegetables grown in the Fresh Vegetable Garden are very fresh and tender. Although they do not have bugs themselves, they are easily invaded by them. When placing the machine at home, it is best to keep it away from flowers, plants and other places where there are insect sources.

### 7. How long does it take for vegetables to mature from seeds? Do you have to wait a long time every time you eat food?

Generally, the growth cycle of leafy vegetables is about 30 days, and environmental conditions such as temperature and light also have an impact. The fresh vegetable garden scientifically and rationally provides a better growing environment for vegetables, which can effectively shorten the vegetable growth cycle. The fresh vegetable garden nursery layer has 76 seedling positions and germination areas, which can be used for uninterrupted seedling cultivation. The planting layer has a total of 72 planting positions. The vegetables grown and the seedlings grow in two stages at the same time, which greatly increases the vegetable yield and can fully satisfy the normal needs of a family of three of leafy vegetables.

### 8. Can fresh vegetables be grown in the cold winter?

Of course, the fresh vegetable garden is an indoor planting equipment. From the beginning, it was designed so that fresh and healthy vegetables can be eaten all year round. As long as the temperature in your home is not lower than 8°C, the seeds will germinate, grow, and mature as scheduled, so that even in the cold winter, you can have green and healthy vegetables that are ready to eat.

## FRESH VEGETABLE GARDEN

## HYDROPONIC SMART PLANTER

## - USER MANUAL -



**Dear Customer;**  
**Thank you for using Hexuan "Fresh Vegetable Garden" Hydroponic Smart Planter.**

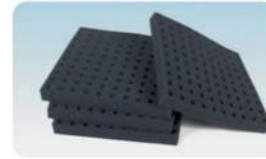
Please read this manual carefully before using the product.  
 Please strictly follow all the instructions during installation.  
 Our company reserve all the right of this manual for the final explanation.  
 If any system failure, please turn off the power and call Customer Service



-①-

**PACKING LISTS**

**COMPONENTS:**



Planting Sponge(4x100)



Planting Basket(160x1)



Blackout Cover (76x1)



Support bars (10x1)



Water pipe column (5x1)



Connection column (5x1)



Drain valve (2x1)



Power cord (1x1)



Remote control unit (1x1)



Instruction (1x1)

-②-

**NOTE:**

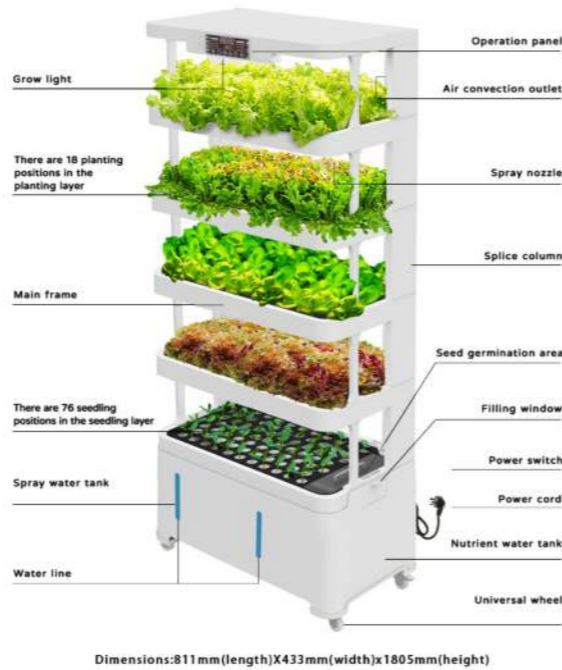
Please firmly connect the interface when installing the pipeline interface for each layer.

The packing lists are gifts. They varies with different planters. Please refer to the product you receive.

Be sure to read the planting instructions carefully before using the product.

Please follow the Hexuan Agriculture WeChat official account to learn more about planting knowledge.

**ASSEMBLY STRUCTURE SCHEMATIC DIAGRAM**



-③-

Please count the quantity of each component before assembling.  
 During the assembly process, pay attention to the location of the water supply pipe;  
 Installed layer by layer from bottom to top, the water pipe connection point of each layer is located at the left rear end column of this layer;  
 The bottom layer is a double row of lights marked with the sample "1"  
 If you have any questions, please contact the sales staff in time or call the hotline at .

**ASSEMBLY STEPS**

**Step one:** Check the equipment list  
 Take out all the items in the packaging box (A, B), count the assembly parts and place them according to the assembly diagram;.



**Step two:** Install the "1" planting layer.  
 Assemble the layer from bottom to top according to the structural diagram;  
 Firstly, connect the drain valve to the drain pipe on the left side of the water tank and tighten it;  
 The water supply pipe and the black spray water pipe are inserted through the water column, connected and clamped on the left rear side of the water tank;  
 The wire column is installed on the right rear side of the water tank, and then install the supporting columns both sides respectively;  
 Install the double-row light planting layer marked with "1" on the column.  
 Please connect the black water pipe to the three-way interface (the standard machine does not have this function) and snap it into place.



-④-

**Step three:** Refer to the assembly method of the first layer, assemble it layer by layer in the order of layers 2, 3, 4, and 5. After installing the fourth layer, fix the water pipe in the planting layer sink, and press and fix it with uprights. Finally, cover the seedling layer and seedling cover to complete the assembly.

**WARNING:**  
 Please add water to the water tank to the highest water level, and prepare the nutrient solution before turning on the machine. It is strictly forbidden to idle the water pump, which may cause burnout.



**BASIC OPERATIONS**

Display panel functional layout:



**Function operation:**

1. After plugging in, turn on the power switch and the device will automatically turn on. If there are no special requirements, it will automatically enter the default operating mode after turning on;
2. Click the "1st Layer Light" button on the remote control to turn on/off the first layer lights. Use the same method to turn on or off the 2-5 layer lights;
3. Press and hold the "Light" button on the display screen, and the light-on time will start to flash on the display screen. Press "▲▼" to adjust. The adjustment unit is minutes. Press and hold the "Light" button for quick adjustment; then click the "Light" button, and the time on the display screen will flash. "Light Time" The light-off time starts to flash. Press "▲▼" to adjust. Press and hold for quick adjustment. Use the same method to adjust the light illumination time for levels 2-5. The default program light is on at 8:00 and off at 20:00. The recommended lighting time for a machine is 12 hours a day;

-⑤-

4. Click the "nutrient solution water pump" button on the remote control to turn the water pump on/off;
5. Press and hold the "Water Pump" button on the display screen, and the "Water Pump" opening time on the display screen will begin to flash. Press "▲▼" to adjust. The adjustment unit is minutes. Press and hold for quick adjustment; then click the "Water Pump" button to display The "Water Pump" shutdown time on the screen starts to flash, press "▲▼" to adjust, long press for quick adjustment; the default program water pump cycle is 2 hours, working for 30 minutes, and shutting down for 1 hour and 30 minutes;
6. Click "Ventilation Cycle" on the remote control to turn on/off the ventilation cycle function; the default program works once an hour and works for 1 minute each time.
7. Click "Mist Humidification" on the remote control to turn on/off the spray humidification function; the default program works once every 3 hours and works for 3 seconds each time.

**PLANTING INSTRUCTIONS**

**① Preparations**

1. After unpacking, please check whether the supporting items are complete refer to the packing list. If there is anything missing, please contact the local dealer in time, or call the customer service hotline at 18624940555.



2. Take out the seedling tray, add water from the water inlets on the left and right sides of the water tank to the highest water level, pour a bag of fertilizer A into the nutrient solution water tank to fully dissolve it, then pour a bag of fertilizer B into the nutrient solution water tank and mix evenly. Do not pour fertilizer A and fertilizer B into the water at the same time.
3. Plug in the power, turn on the power switch, and the machine will start automatic detection.

-⑥-