

阳光仿生灯板

Sunlight Bionic Light Board

全植物应用光谱

ABOUT BIONIC SOLAR PANEL

根据不同的种植品种选择不同的补光模式（补光时长一样）
(花果类FLOWER&FRUIT / 叶菜以及观叶植物VEGETABLES)

According to different planting varieties, choose different light supplement modes
(flower & fruit / leafy vegetables and foliage plants vegetables)

我的关键秘密，阳光仿生面板

熄灯时间误差在1~5分钟左右

为了更符合植物的生长习性，当开启任意补光模式（花果类FLOWER&FRUIT / 叶菜以及观叶植物VEGETABLES），智能补光16小时后，灯板自动关闭休眠8小时，并自动循环设置。

In order to better conform to the growth habits of plants, when any light supplement mode (flower & fruit / leafy vegetables and foliage plants vegetables) is turned on for 16 hours, the light panel will automatically turn off and sleep for 8 hours, and then automatically cycle the relevant settings.

四色灯珠

● RED

红光可以促进植物光合作用，发芽、开花、结果；促进花色素的形成；促进质体（包括叶绿体）的形成；促进叶绿体的合成。

Red light can promote photosynthesis, germination, flowering and Fruiting of plants; promote the formation of anthocyanins; promote the formation of plastids (including chloroplasts); promote the synthesis of chloroplasts.

● BLUE

蓝光对植物特别是茎的生长具有强烈的抑制作用（多肉/防徒长），有利于植物叶片生长，在植物的向光性起主要作用。

Blue light has a strong inhibitory effect on the growth of plants, especially on stems (fleshy / overgrown). Therefore, blue light is beneficial to the growth of plant leaves and plays a major role in the phototropism of plants.

● WHITE

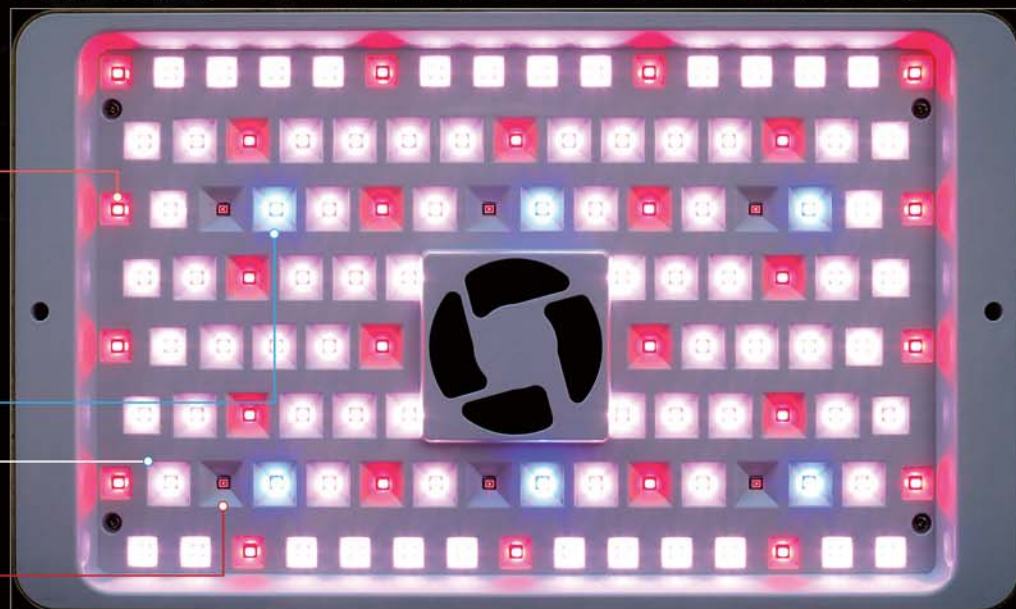
调整柔和光线

Adjust Soft Light.

● FAR RED LIGHT

植物正常生长。如果植物被远红光所照射，植物会感觉像是被另外一颗更高的植物遮挡住了太阳的直射光，因而该植物就会更加努力的生长以突破遮挡，也就是有助于植物长得更高。

Normal growth of plants. If the plant is exposed to far red light, the plant will feel as if it is blocked from the direct sunlight by another higher plant, so the plant will work harder to break through the barrier and help the plant grow higher.

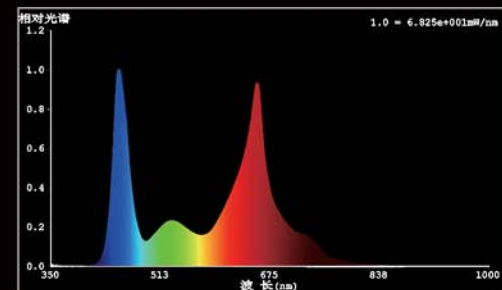
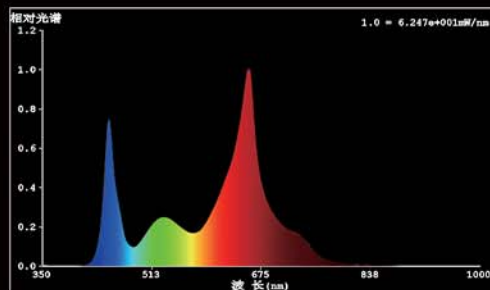


整机功率约24W 灯板功率约21W

The power of the whole machine is about 23W and that of the lamp board is about 21W

花卉瓜果模式 Flower&Fruit

蔬菜模式 Vegetables



智能自然风扇

Intelligent Natural Fan

模拟自然风，帮助空气流动，也帮助蔬果自然授粉

Simulate natural wind to help air flow and pollinate fruits and vegetables naturally

ABOUT LOOP



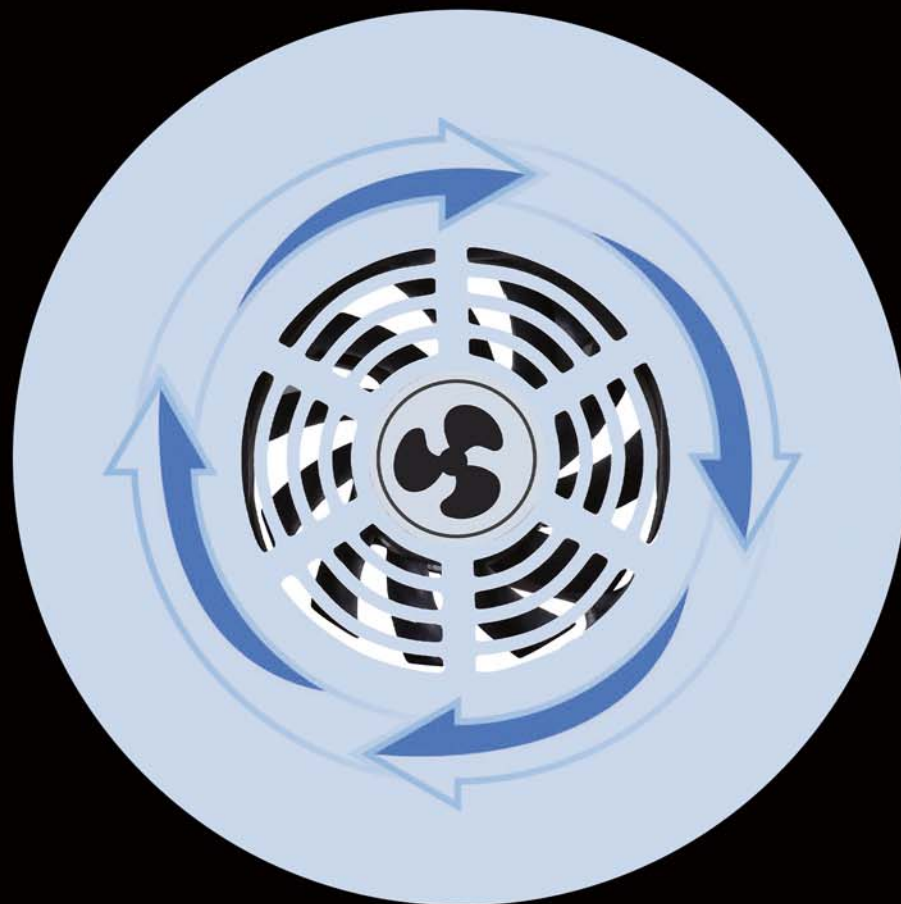
Work for 30 minutes, stop and rest for 30 minutes

Manually turn off the fan and it will turn on automatically after 10 hours. Long press the fan water pump button to turn off the fan independently.



工作30分钟 停机休息30分钟 自动循环

手动关闭风扇10小时后会自动开启，长按风扇水泵按键
可单独关闭风扇



种植绵块优点 (黑绵土)

Advantages of Planting Cotton Block



1. 种子可提前浸泡清水约6小时，随后放入充分浸湿的种植绵块的穴孔底部，开启补光灯。（不同种子泡发时间不等）。
2. 一般情况下每个种植绵块建议放入2颗种子，育苗期可选长势优良的保留，长势不良的可轻轻拔除或用剪刀剪掉即可，建议仅保留一颗优势植物即可。
3. 种子放入种植绵块前，可先用刀子把孔穴中间位置划开宽度约1cm，深度约1cm的穴槽，再把种子放进种植块深处，盖上育苗罩，开启补光灯，有利于种子更好的生根发芽。
4. 可以使用移栽法，找一个可密封的盒子，把种子夹在2张浸湿的厚纸巾中间，避光放置2天后（期间如见干可适当喷湿）再用镊子移栽萌芽的苗，注意不要伤到初生根系，随后移栽到开好穴槽（宽度1cm，深度1cm）的种植块中间即可。此时可直接开启补光灯，不需育苗罩。
5. 请保持观察种子初期萌芽情况，缺少光照以及没有及时撤掉育苗罩，都可能导致植物徒长。种子萌芽后及时撤除育苗罩。

1. The seeds can be soaked in clean water for about 6 hours in advance, and then put into the bottom of the hole of the fully soaked planting cotton block, and turn on the light filling lamp. (different seeds bubble for different times).
2. In general, it is recommended to put 2 seeds into each planting cotton block. During the seedling period, the well growing ones can be reserved, and the poorly growing ones can be gently pulled out or cut off with scissors. It is recommended that reserved one dominant plant can be reserved.
3. Before the seeds are put into the planting block, first use a knife to cut a hole about 1cm wide and 1cm deep in the middle of the hole, and then put the seeds into the depth of the planting block and cover it. Seedling cover, open fill light, is conducive to better rooting and germination of seeds.
4. Transplanting method can be used. Find a sealed box, put the seeds in the middle of two soaked thick paper towels, and keep them away from light for 2 days (spray them properly if they are dry during the period). Then transplant the sprouting seedlings with tweezers, pay attention to the primary roots to avoid damage. and then transplant them to the middle of the planting block with a good hole groove (1cm in width and 1cm in depth). here it can directly turn on the light supplement lamp without seedling cover.
5. Please keep observing the initial germination of seeds. Lack of light and remove the seeding cover in time may lead to plant overgrowth. Remove the seedling cover in time after seed germination.

锁水能力从上至下保持一致
长效稳定

The water-locking ability is consistent and long-term stable from top to bottom

MOIST

湿润

湿润

湿润

黑绵土

BLACK LOAM

保湿能力饱和后急剧下降
土壤不具备锁水能力

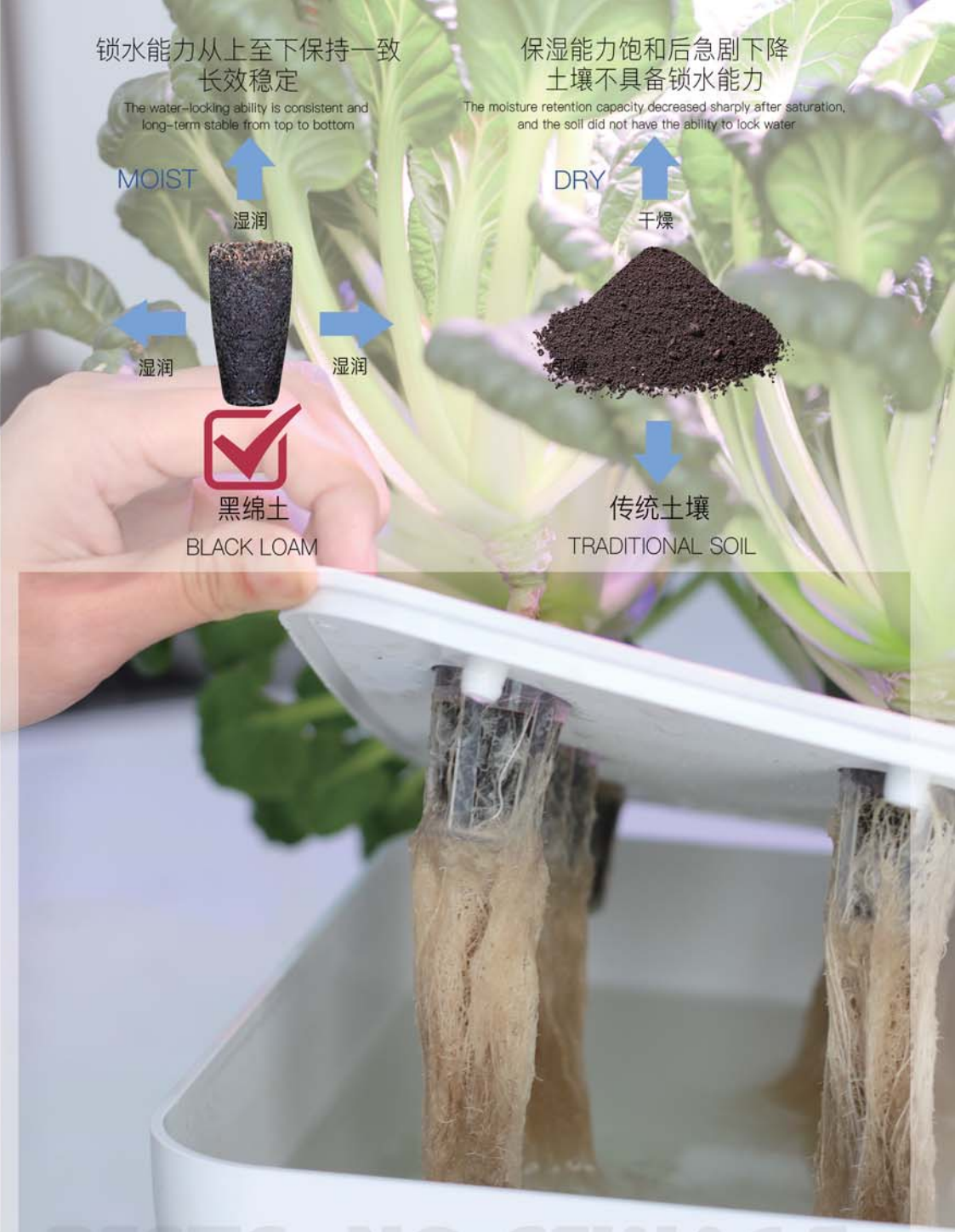
The moisture retention capacity decreased sharply after saturation, and the soil did not have the ability to lock water

DRY

干燥

传统土壤

TRADITIONAL SOIL



*THE BLACK COTTON SOIL CAN BE USED AFTER BEING SOAKED AND TURNS BLACK WHEN IT MEETS WITH WATER

*黑绵土浸湿后即可使用 遇水颜色变黑

可调节升降铝杆

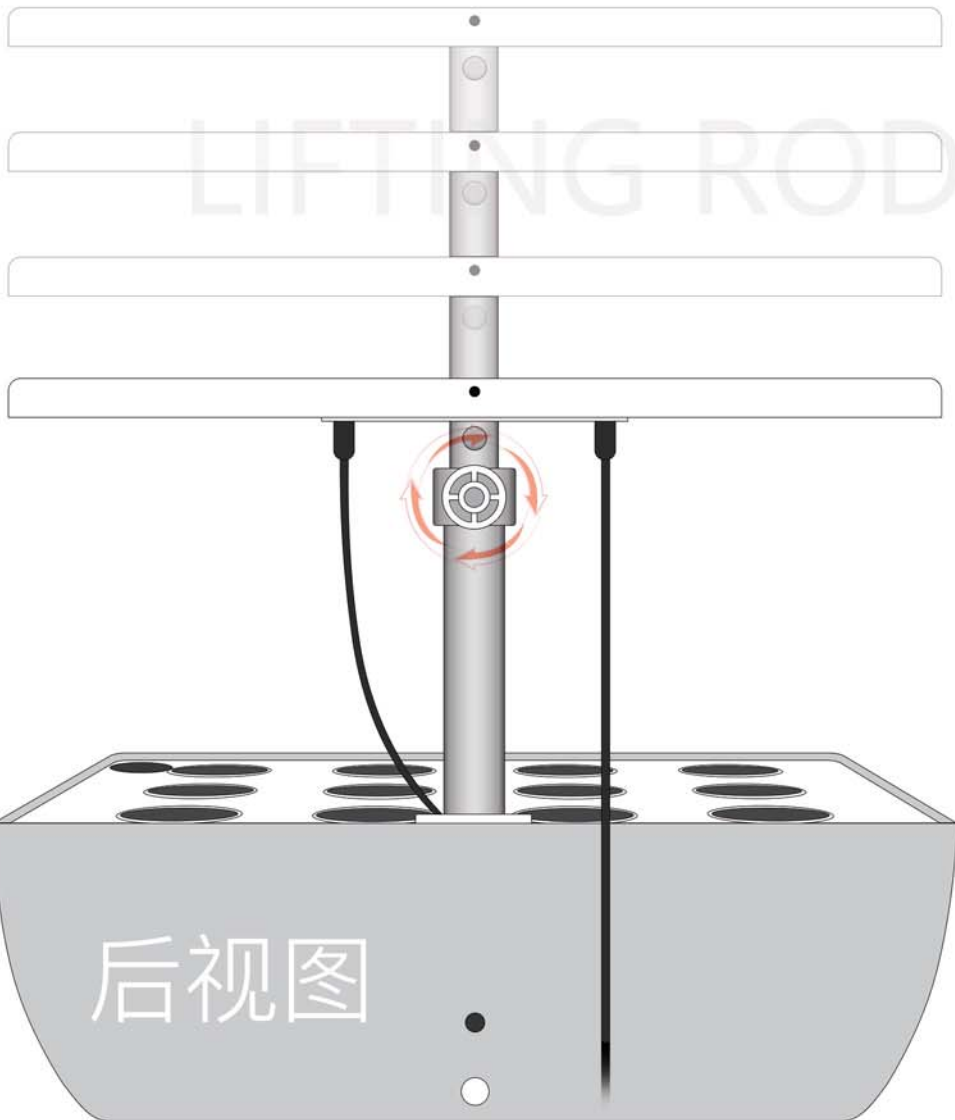
Adjustable lifting aluminum rod

改变面板光照高度

Change the illumination height of the panel

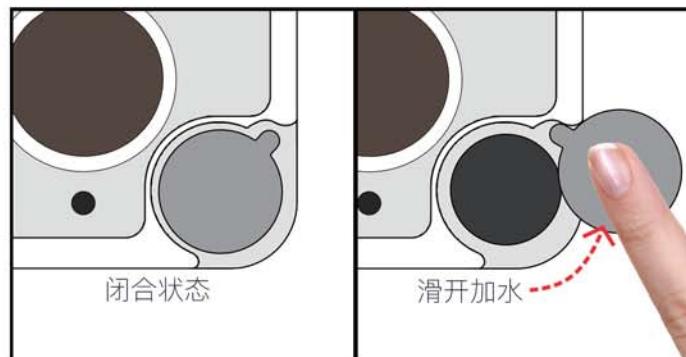
可种植范围≈37cm

Planting range≈37cm



注水口、出水孔

Water Injection Port and Water Outlet



注水口

不用频繁开合种植面板添水

No need to open the planting panel frequently to add water

换水时无需抬起种植盒 开闸即可放水

When changing water, it's no need to lift the planting box,
Just open the gate to drain water

排水孔

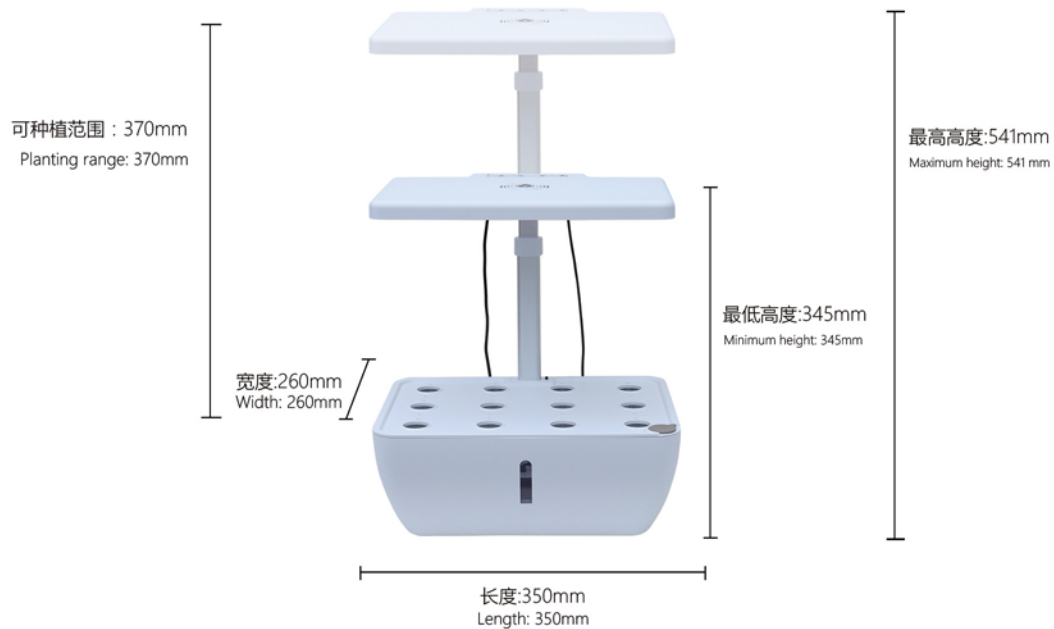


Z206水培种植机

Z206 hydroponic Planter

无土栽培
Soiless Cultivation

适合育苗水位：6.5L 水泵停机水位：约0.7L
Suitable seedling water level: 6.5L water pump stop water level: About 0.7L



两款版本区别

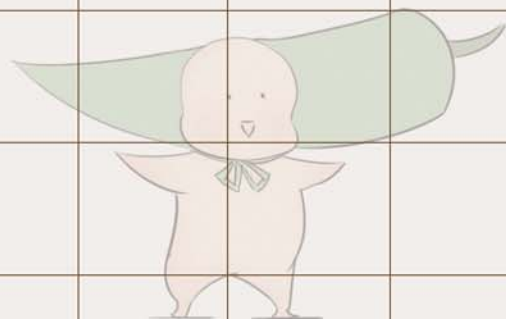
Differences between the two versions



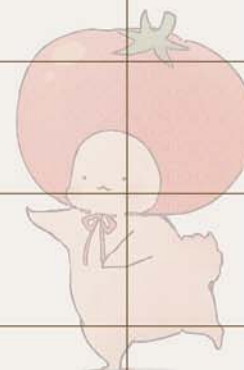
款式	WIFI功能	涂鸦APP	缺水提醒	水泵	风扇	储水箱	灯光模式
标准版	✘	✘	✓	✓	✓	6500ml	双模
33 WIFI版	✓	✓	✓	✓	✓	6500ml	双模 34

植物生长观察记录 Record

品名 Product Name	播种/扦插日期 Sowing/Cutting Date	首次加清水日期 First Adding Water Date	添加营养液日期 Add Nutrient Solution Date	采摘记录 Picking Records	备注 Remarks	记录人 Recorder



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FCC Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

ISED Statement

English: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).

French: Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux RSS exemptés de licence d'Innovation, Sciences et Développement économique Canada.

L'exploitation est soumise aux deux conditions suivantes :

- (1) Cet appareil ne doit pas provoquer d'interférences.
- (2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

l'appareil numérique du ciem conforme canadien peut - 3 (b) / nmb - 3 (b).

This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 2.5 du cnr - 102 et conformité avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme aux limites d'exposition aux rayonnements du Canada établies pour un environnement non contrôlé.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.