

Look for Happy Leaf Advanced LED Grow Lights,
and accessories online at:

www.happyleafled.com

Where you can also view our library of instructional
videos and informative articles about indoor growing.



@HappyLeafLED

[youtube.com/c/HappyLeafLEDGrowlights](https://www.youtube.com/c/HappyLeafLEDGrowlights)
Check our YouTube channel for more hanging info and tips.

Optimal room temperature range is 65-75 degrees

A standard electric outlet should be within reach.

light.

10-12" for the space above the plants and the

For lettuce, that's about 14", plus approximately

the mature plant height and the jar.

The space for growing should allow enough room for the

such as a kitchen counter or work table.

You can set our lights up wherever you can hang a light,

baker's rack is a great place to set up for growing indoors.

The efficiency of vertical farming is very appealing. A

entirely optional.

You can set the light near a window, but that's

closet, basement, living room, or garage.

grow in places you never imagined before, such as a

The versatility of Happy Leaf LED lights means you can

 **Placing Your Light**

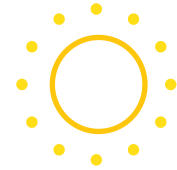
HAPPY LEAF 

The Indoor, Year-Round Greens & Herbs

— Quick Start Guide —

What you need:

- 1) 3" Net Cups & hydroponic clay pellets
- 2) Water & watering can or other water container
- 3) 1-Qt wide-mouth jars
- 4) Jar cover, e.g., black sock, or use opaque jars
- 5) Nutrients (See note on back page)



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Learn more about indoor gardening at:

in passive hydroponics, a.k.a., the Kratky method.

Please note, most organic fertilizers tend to be less effective

and provides consistently robust results.

General Hydroponics because it is effective, inexpensive,

One fertilizer we like to recommend is Maxigro by

to you to decide which nutrients you want to use.

components of growing healthy plants. Ultimately, it's up

Nutrients, a.k.a., fertilizer or plant food, are essential

Nutrients

simplest method for growing your indoor garden.

complicated pumps or motors. Passive hydroponics is the

advantages of his prized technique is that you do not need

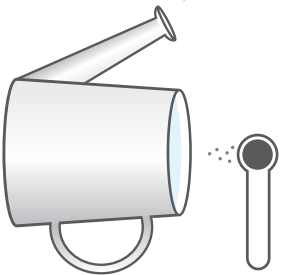
method developed by Dr. Bernard Kratky. One of the many

Passive hydroponics is a highly efficient gardening

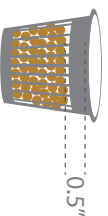
 **About Passive Hydroponics**

Set-up Instructions

1) In a separate container, mix a batch of nutrient-filled water, carefully reviewing the instructions for measured amounts.

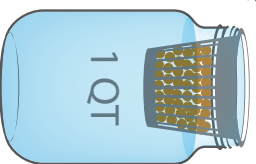


2) Start with clean and rinsed hydroponic clay pellets. Fill each net cup with pellets to 0.5" from the top.



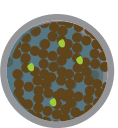
3) Place the net cup into the 1-Qt wide-mouth jar. *Optional: screw on the metal lid/ring.*

4) Pour nutrient-filled water through the clay pellets, so the pellets become soaked.



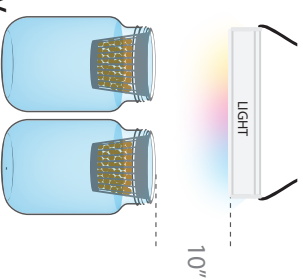
5) Fill jar with nutrient water almost to the top of the pellets (leaving a top layer of pellets that are not submerged in water).

6) Gently place 4-6 seeds, spread evenly so they rest on the top of the water-soaked clay pellets.



7) Then, add one layer of moistened clay pellets to cover the seeds.

8) Place jar with seeded net cup underneath the light. The optimal distance is 8" - 12" between the seed/plant and the light.



9) As the plant grows, adjust the height of the light to keep a distance of approximately 4" between the light and the top of the plant.

Optional: Set a light timer for between 14 and 18 hours (ex. on at 6 am, off at 11 pm)

For detailed instructions, see the Happy Leaf LED Youtube Channel to watch videos we've made on this process. youtube.com/c/HappyLeafLEDgrowlights



Here's what you can expect to see happen in just 4 weeks!



TIPS

Hydroponic clay pellets and net cups are reusable
Sterilize between planting with boiled water or place pellets/cups in a mesh bag and run the sanitze cycle of the dishwasher.

How to prevent algae
*Keep planted jars away from sunlight.
Cover jars - paint them, use a tube sock or leg warmer.*