

Kratky Hydroponic Lettuce Jar Growing Guide



Supplies needed:

- 32 oz wide-mouth canning jar w/lid
- 3-inch net pot
- Hydroponic clay pellets
- Lettuce seeds (loose leaf)
- Procyon 2.0 LED grow light
- Programmable timer
- Hydroponic nutrients
- Black sock or jar cover
- 1-gal watering can or pitcher
- Grow area

Instructions

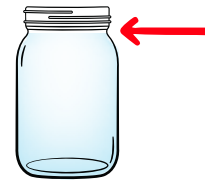
Step 1: Mix Nutrient Water

Fill a 1-gallon container with clean water. Add 1 tsp of MaxiGro or follow your other hydroponic nutrient product instructions and stir until fully dissolved.



Step 2: Fill the Jar

Pour the nutrient mix into your jar until the water level reaches just below the neck/lip.



Important: You will only fill it this high during the initial setup.

Step 3: Add Net Pot and Pellets

Fill net pot with clay pellets, place in jar so pellets are mostly submerged, then remove top layer for seeding. Screw on metal lid ring if available.



Step 4: Sow Your Seeds

Sprinkle 3–5 lettuce seeds evenly across the top of the pellets. Gently return the top layer of pellets.



Step 5: Cover the Jar

Slip a black sock over the jar to block light from hitting the roots and prevent algae growth.



Tip: This step can be done earlier in the setup process to avoid spills.

Step 6: Place Under Grow Light

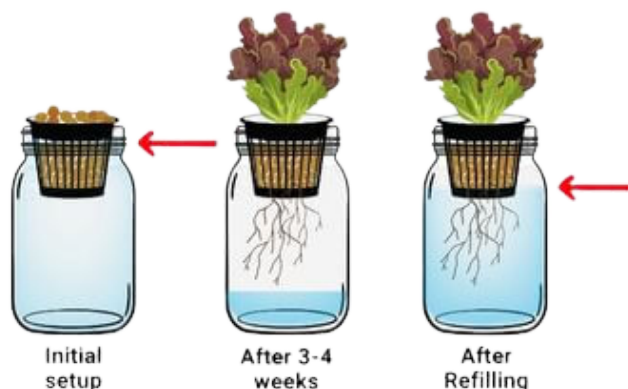
Hang your Procyon 2.0 grow light about 8–10 inches above the jar. Use a programmable timer to keep the light on for 16–18 hours per day.

Example: On at 6 am Off at 10 pm



Watering

Typically, no watering is needed for the first 3–4 weeks. When refilling, NEVER fill to the neck/lip of the jar like you did at setup. Keep 2 inches of the net pot above the water to maintain the air gap.



Cleaning and Reusing Supplies

- Remove old plant material from the jar, net pot, and pellets.
- Wash the jar and net pot with hot soapy water and let dry.
- Clean pellets by either boiling for 10 minutes, running through the dishwasher in a mesh bag on sanitize cycle, or soaking in a 50/50 vinegar-water solution for 20 minutes. Rinse and dry fully before reuse.

Watch the step-by-step guide on our YouTube channel!

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