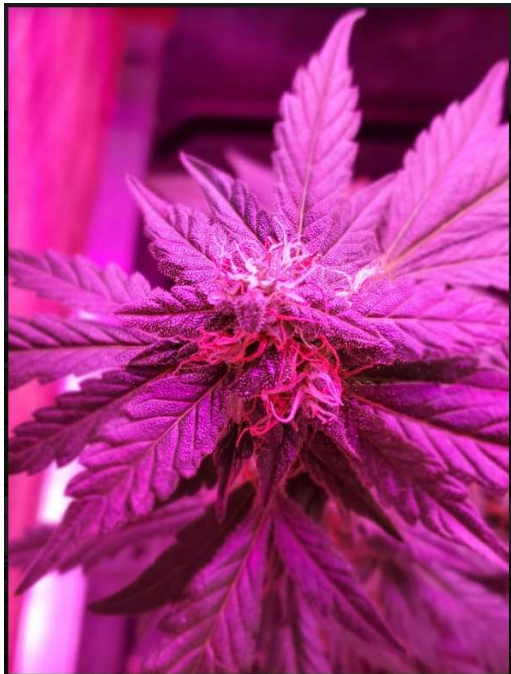




SILOGRO

GROW GUIDE



***** Please note this guide is not meant to be an all-exclusive tutorial. Your SiloGro may also be used to grow lettuce, leafy greens, and fragrant herbs, other than cannabis. Possession, growing and consuming cannabis may be illegal or restricted in your locality or state. The use of this product or purchasing seed should be done so in line with your local and State laws.*****

Let's get growing! Ok your SiloGro is set up, assembled and filled with water etc. There are many ways to grow healthy plants in your SiloGro grow box. We have following some best practices and resources to get started.

Seeds: Depending what plants you would like to grow, whether veggies or cannabis please purchase your seeds from a reputable source. If your growing cannabis for the first time we would suggest a beginner's strain that is feminized and auto flowering.

Preparation:

1. Before you start you will need some tweezers, rubbing alcohol to clean your hands and tweezers before handling your seeds, and a clean glass water cup.
2. Rinse the clay pebbles in distilled or purified water to remove the dust. A kitchen strainer works well for this.



Clay Pebbles, Net Pot, Rock Wool, Cover



Rinse Clay Pebbles in purified or distilled water.

Seed Germination:

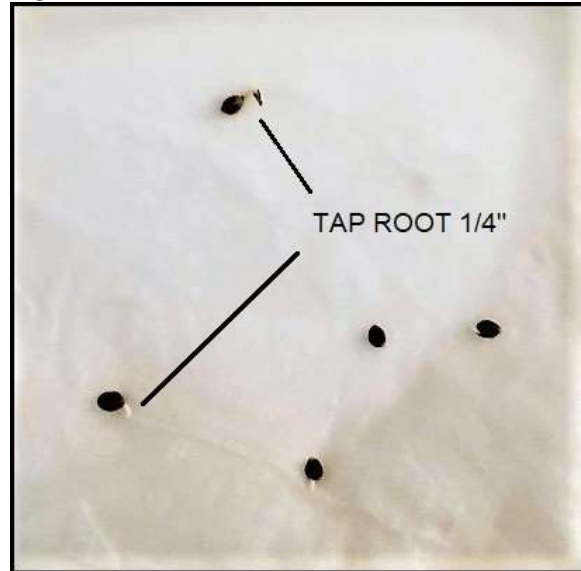
1. You can use the paper towel method start by soaking seeds for 24 hours in a glass cup of water drained from the SiloGro tub, then placing the seeds on a folded dampened paper towel, store in dark place until the tap root is about $\frac{1}{4}$ inch long. This will take 48 hrs to four days. Keep towel damp until tap root shows! Check progress daily See Fig. 1 and Fig 1a.

Fig. 1



Place seeds on folded damp paper towel.
Store in a dark place.

Fig. 1a



Keep towel damp (48hrs) until Tap root shows.

2. Soak the rock wool cube, or cubes, in some water drained from the SiloGro tub for about minute. See Fig. 2. Make hole larger if needed, the end of a pen works fine, about $\frac{3}{4}$ inch deep. See Fig. 3.

Fig. 2

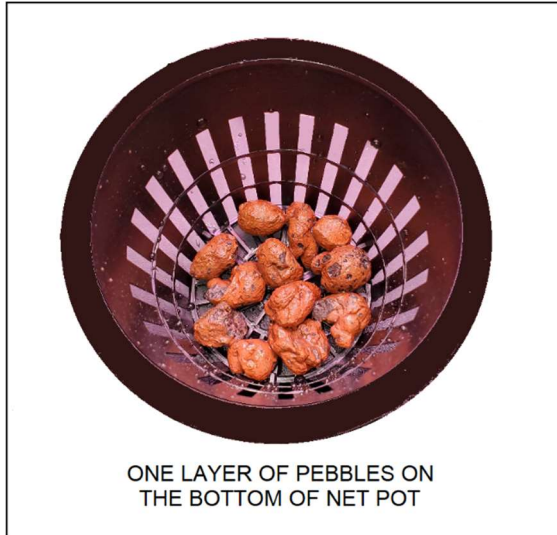


Fig. 3



3. Place one layer of the washed clay pebbles into the bottom of the net pot, or pots if planting several seeds. See Fig 4.

Fig. 4



Place one layer of Clay Pebbles on bottom.

Fig. 4a



Place germinated seed into hole with clean tweezers.

Fig. 4b



Place Clay Pebbles around Rock Wool Cube.

Fig. 4c



4. Carefully take the germinated seed using the clean tweezers and place into to hole you made damp rock wool cube, with the tap root pointing down. The germinated seed should be about 1/4 inch below the surface of the rock wool cube. See Fig.4a

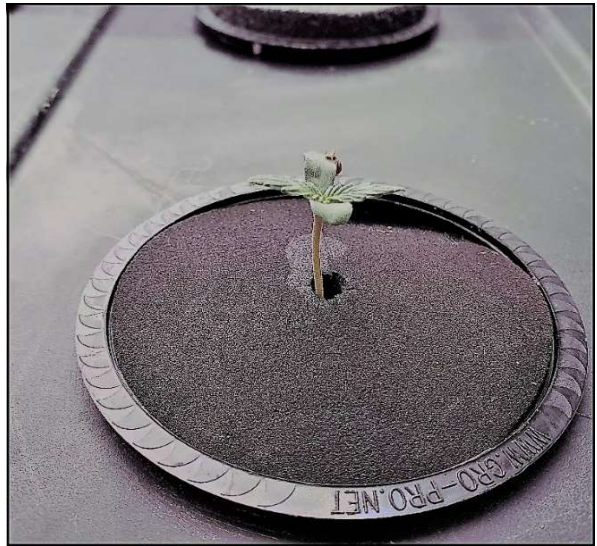
Place the cube into the net pots and carefully place more clay pebbles around the rock wool cube to evenly stabilize the cube. See Fig 4b and 4c.

Fig 4d



Place neoprene Net Pot Cover around Seedling.

Fig. 4e



Place loaded Net Pot into Tub Lid hole.

Carefully place neoprene lid with hole into the net pot. Fig.4d.

Place loaded net pot into tub lid hole as shown Fig.4e

Within three to four days your plant will find its way up to the lights. Fig 5.

Fig. 5



QUICK START METHOD

*** Please note another method is to just place a new seed into the damp grow cube pointed end **UP** see Fig.6

Fig.6



Place seed in hole of Rock Wool Pointed side up.



Push seed down ¼" in Rock Wool and cover with Neoprene Lid

Follow steps 2 through 4 replacing "germinated seed" with just a seed. This eliminates the need to handle the delicate tap root. We have found just planting the seed about ¼ inch below surface of the grow cube works well. This allows the seed to take root and find its way to the light with very little intervention. Although it may take a couple more days to show we feel it is worth the wait.

Seedling Care week 1-5

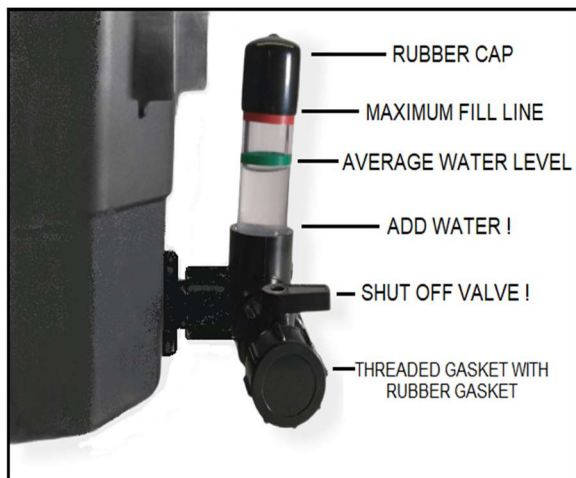
During this period of growth, you will see the new plants growing leaves and the stems will lengthen. Your plants at this time are still fragile so use care and do not disturb them too much.

By week 5 you should be seeing two or more sets of leaves appearing. You will also notice roots growing out of the bottom of the net pots. Fig. 1



Daily care: Week 1-5

1. Check water levels and add water if necessary.



Maintain water level fill to Green "Average" fill line



Fill with provided Funnel

2. Check PH and PPM. Ideal PH is about 6.2 and PPM should not be higher than 300 to 350 PPM.

We suggest to have about 2 gallons of top off water ready, PH and PPM adjusted. Use this water to top off reservoir.

3. Leave fog and light timers at factory settings.

Lights 16 hrs on 8 hours off.

Fog timer is set for 15 minutes on and 15 minutes off 24 hrs per day continuous.

Fan and air pump must stay on 24 /7.

4. About week four drain and refill reservoir with fresh PH and PPM adjusted water. 5.8 to 6.2 for the water and it's a good time to bring your PPM up to 400 to 450 PPM by adding nutrients.

Week 5- 8.

During this period your plants will start to grow very quickly. New sets of leaves and branching will be ongoing.

You will begin to see the beginning stage of bud sites with the white hairs appearing.



5-6 weeks



Bud sites

Depending the type of plant and height you may want to add a riser to the SiloGro so your plants can at least 6 inches from the led lights as they stretch upwards. You may also want to top of the 4th center node at this point to create more buds and flowering sites.



Add Riser

There are numerous methods for trimming and training your plants. We suggest searching the internet for some ideas and tips. Most importantly go slow and have fun!

Daily Care: Week 5-8

1. Continue to monitor keeping water level at green line. Your plants will get thirsty during this period!
2. PH should be maintained within the 5.8 to 6.2 range.
3. Starting week 5 bring PPM levels to 550 to 600 PPM with a gradual adding of nutrient to the top off water.
4. Trim plants and top off center after 4th node appears.
5. As plants get within 6 inches of the led light it is time to add a riser.
6. Look for bud sights and flowering to begin.
- 7. About week 7 or 8 it will time to change the water again. Continue with the same PH levels 5.8 to 6.2 and PPM at 550 to 600 PPM.**

Week 8 thru Harvest.

1. During this period you will be noticing more and more bud and flower action. It is a goodtime to keep trimming and training your plants for the maximum results. As mentioned before the web is your best source to learn and view different methods. We suggest pick one method and stick to it.

Search for MMJ, LST, MMJ, Lollypopping, or “how to trim my pot plants”.

Remember that each plant and strain of plant will have its own characteristics and may grow differently.

Normally you will see the hairs of the buds and resin turn about 80% amber in time. This will signal it is time to harvest, dry, cure and enjoy!

While your plants are maturing and your ready for harvest it’s a good time to research again. The web has a wealth of knowledge. Just remember this is a hobby grow and keep it simple.

Enjoy!



Daily Care: Week 8 thru Harvest

1. Continue to monitor keeping water level at green line. Your plants will get thirsty during this period!
2. PH should be maintained within the 5.8 to 6.2 range.
3. Starting week 5 bring PPM levels to 400 to 450 PPM with a gradual adding of nutrient to the top off water.
4. As plants get within 6 inches of the led light it is time to add a riser.
5. Look for bud sights and flowering to begin.

6. Depending of the height it may be time to add the second riser to accommodate your plants growth.

7. About week 7 or 8 it will time to change the water again. Continue with the same PH levels 5.8 to 6.2 and PPM at 550 to 600 PPM.

Finally, many people about 5 days before harvest will drain and fill one more time with clean water without any nutrients. This is called flushing and seems to help with a cleaner harvest.

