

Grandma's Secret Garden

PACKING LIST

- Grow box w/ air pump, sub pump, fans & top grow light.
- Reservoir
- Net pots & starter plugs
- Advanced nutrients trio (micro, grow, bloom)
- Air hose (large & small size)
- Clay pebbles
- Timer/Power Strip
- Ona block deodorizer
- Pipette

The logo for Dealzer.com, featuring the word "DEALZER" in a bold, white, sans-serif font with a distressed or textured appearance. The ".COM" is written in a smaller, clean white font directly below the "ER" of "DEALZER". The entire logo is centered on a solid black rectangular background.

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INITIAL SETUP

The Grandma's Secret Garden is fully assembled but there are a few things to setup.

1. Put empty reservoir with lid at the bottom of the grow box. Put net pots with starter plugs inside the holes of the lid. (starter plugs should be slightly damp but NOT soaked). Fill your reservoir with clean water up until it is ½" BELOW the net pots..
2. Attach skinny, black vinyl tube to the metal tip at the bottom of the air pump which is attached to the inside, back wall of the grow box. Attach the other end of the tube to the air-stone stick which also has a tip on it. The air pump will pump air into the air stone which goes into the water to oxygenate the plants. The tube can be threaded through the small hole on the top of the reservoir. Set air pump to medium setting if it has a setting option.
3. Put water pump into the reservoir. The wire of the water pump threads through an opening made on the corner of the reservoir itself. If you see a clear tube, toss that to the side. It is NOT used at all. The thick, black vinyl tube is attached to the air pump once a week only to hose out the water so you can change the water and nutrients. This may require screwing in the plastic nozzle included with the pump.
4. Put clay pebbles on top of the starter plugs in the net pots. They are meant to block the light from hitting the roots which is harmful for the roots.
5. Connect light to timer. Hang lights using the wire hanger only. Keep lights at the top. (don't use yo-yo hangers at all).
6. Hang Co2 pad on door hook if you purchased this upgrade.
Unscrew knob on door & rescrew it on the front of the door.

3 PHASES OF PLANT GROWTH

There are only 3 phases of plant growth to grow from seed to harvest. They are the germination, vegetative & flowering stages.

Germination Phase

In this phase, the seed begins to sprout its 1st true leaf.

1. Keep all fans and lights off. Don't let any light in by opening the door. Only open the door in a dark room.
2. Fill reservoir with clean water until it is ½" below the net pots. The roots will later stretch towards the water.
3. Turn on the air pump to a medium setting and set the connected air stone in the water.
4. Turn on the water pump and leave it in the water to shuffle water around.
5. Ensure the starter plugs in the net pots are damp but not soaked. Squeeze out excess water otherwise you will have overwatering problems.
6. Insert 1 seed in each of the starter plugs. Make sure the seed is deep enough to not be visible.
7. Cover the starter plugs entirely with clay pebbles. These pebbles are meant to block the light from hitting the seed or the roots which is unhealthy for the plant.
8. Close the door and come back in 48 hours to see if the seed sprouted. Make sure all planted seeds sprout. If not, then close the door and come back again in 24 hours. If leaves don't appear after 10 days, it means the seed is no longer functional.

Once 1st true leaves appear on each plant, the germination phase is over.

Note: You will NOT use any nutrients in this phase.

Vegitative Stage

The vegetative stage is the 1st stage when you start using nutrients and it lasts for about 5 weeks.

1. If you bought the Co2 pad, mist it with a spray bottle to activate the Co2 which increases growth speed by 20%.
2. Follow the nutrient feed chart we included that starts at week 1 of the vegetative stage. It will tell you to mix all 3 nutrients for EACH gallon of water. Mix them in 1 at a time starting with Micro, then Grow, then Bloom with a 2 minute break in between cycles to allow the plants to begin absorbing them. Change the water and nutrients weekly. If your plant drinks water too fast, add water only for the rest of the week.
3. The lights must all be plugged into the red section of the power outlet/timer which turns on and off depending on your schedule. Set the timer for 18 hours lights on and 6 hours lights off for the 5 week period. Here is a 2 minute video guide to program the timer: <https://tinyurl.com/v462nj7w>
4. Monitor plants at least weekly but daily is better. Only open the door during the cycle when lights are on. Don't disturb plants when sleeping in the dark unless in a dark room.
5. Always maintain 70-80 degrees inside box.

Tech Support

[Company Name]

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support@dealzer.com

Flowering Stage

After the 5 week period of the vegetative stage, you will enter the flowering stage.

1. Change your timer so that it is now 12 hours lights on and 12 hours lights off.
2. Continue feeding nutrients to the plants weekly according to the nutrient feeding chart's flowering stage section. The last 2 weeks that say flush means only put water in without nutrients.
3. Watch your plants grow quickly until they fully flower. Once they do, it is time to dry the plants. Finish times vary depending on the genetics of the plant.

DRYING FULLY GROWN PLANTS

Drying plants is easy. If you have a separate dryer like the Magic Herb Dryer, move them there and let them dry for 7-10 days. If you don't have a separate dryer, then remove the water from the reservoir, turn off the pumps and leave everything else on. Come back in 7-10 days. If you can break any of the branches, it means the plants are now dry.

CURING PLANTS

Curing plants is meant to improve the quality of the dried plant matter. If you bought the curing jar, simply put the usable dried plant matter inside the jar with the humidity pack. Remove the clear plastic from the humidity pack but don't rip open the pack itself. It works as is. Keep it in the curing jar at all times. If you don't have a curing jar, put the plant matter in any airtight jar. 62% is ideal humidity. A wet towel in the jar also increases humidity if you don't have a humidity pack. Curing simply improves the taste quality of the plant.

TIPS

1. Maintain temperate inside the box between 70-80 degrees at ALL times for healthy plant growth. Manipulating the room temperature is the best way to do this but note that the inside temperature of the box is always warmer than the outside room temperature.
2. Some plants cannot handle too much nutrient and will experience nutrient burn indicated by brown spots especially on the ends of the leaf. If this happens, lower nutrients by 25%.
3. Almost all other problems result from CalMag deficiency. You can buy CalMag and use it like medicine when that happens.
4. Plants in this grow box should be low stress trained which means when baby plants are about 4"-6" tall, use plant or kitchen ties to tie them down horizontally so that when they grow, they are bent downwards. This gives the plants twice the amount of space to grow tall. As they grow up, they bend downwards. Another option is to use net trellis which holds all plants down.
5. When emptying the reservoir, use the thick hose to easily hose out the water. Try your best to clean the reservoir itself with a clean towel to wipe out any residual nutrients before adding a fresh batch.
6. Put the provided Ona block on top of the grow box, instead of inside, to help control odor. If you put it inside, the plants will taste like Ona. Remove the plastic seal first so that the Ona can begin working.
7. Here is a highly recommended Canadian supplier of quality, legal seeds:

<https://tinyurl.com/pfakptdc>

Happy Growing!

Here is a free Grow Bible:

<https://tinyurl.com/53y8abhu>

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